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Pocket Atlas of Sectional Anatomy

Volume II: Thorax, Heart, Abdomen, and Pelvis

Computed Tomography and Magnetic Resonance Imaging

Torsten B. Moeller
Emil Reif

4th edition,
revised and expanded

basic sciences

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by color illustrations
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Pocket Atlas of Sectional Anatomy

Computed Tomography and Magnetic Resonance Imaging

Volume II
Thorax, Heart, Abdomen, and Pelvis

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**To the new generation
of the American part of my family,
especially to Jamie, Rick, and Bill,
whom I wish all the luck in the world
for their weddings with
Shawn, Krista, and Kayla**

Preface

Medicine is, fortunately, constantly evolving, and diagnostic imaging is no exception. Multidetector row computed tomography has now become as standard a tool as cardiovascular imaging using CT or MRI. This new edition of the *Pocket Atlas of Sectional Anatomy* recognizes these developments, and CT imaging of the chest and abdomen now includes sagittal and coronal images in addition to axial scans. Multistation imaging has become the standard for vascular imaging, especially for the pelvis and lower limbs. Consequently, more space has been devoted to vascular imaging studies, which are presented in the chapters on Special MR Examinations and MR Angiography.

Of course, the improved resolution of the sectional images has made it necessary to label our images in greater detail. Multicolor artwork has helped to ensure that the atlas is still easy to use. The same anatomical structures are depicted in the same color throughout the book. Thus, the user can tell at a glance whether a structure is a vessel or a nerve, a muscle or a fluid, and can easily identify a specific organ. Colors also distinguish different muscle groups. Color selections have been drawn from the *Pocket Atlas of Sectional Anatomy III: Limbs, Joints, and Spine*.

We have kept to the previous format of pairing a representative CT or MR image with a correlative, keyed color drawing on the facing page. Small locational diagrams are also provided, as in previous editions. Pulmonary and hepatic segments and specific lymph node stations are conveniently listed on a back-cover foldout. We have made an effort to follow established anatomical and clinical conventions in numbering the cardiac vessels (in line with the American Heart Association), for example, and the mediastinal lymph nodes (following the American Joint Committee on Cancer and Union for International Cancer Control classification systems for lung cancer, as well as their color system for the lymph nodes).

As in previous editions, none of these improvements would have been possible without the help of many supporters. We express special thanks to our technologists Silke Köhl, Sabine Mattil, Stefanie Müller, Brigitte Schild, and Biggi Pieves, as well as Michaela Martin and Bernhard Klueh of the Siemens Manufacturing Center for their constant enthusiasm in the production of high-quality images, and to our colleagues Eberhard Bauer and Christoph Buntru for providing high-resolution CT images.

Once again, we have all worked hard on countless details and hope that users will enjoy this book as much as we do.

Torsten B. Moeller
Emil Reif

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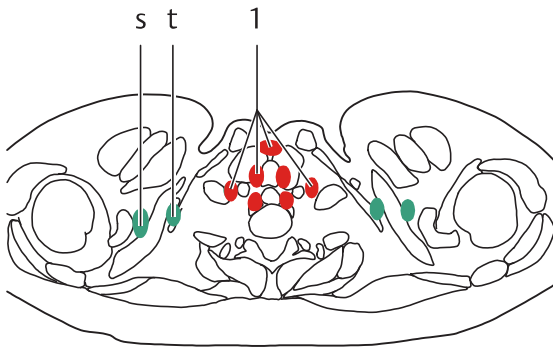
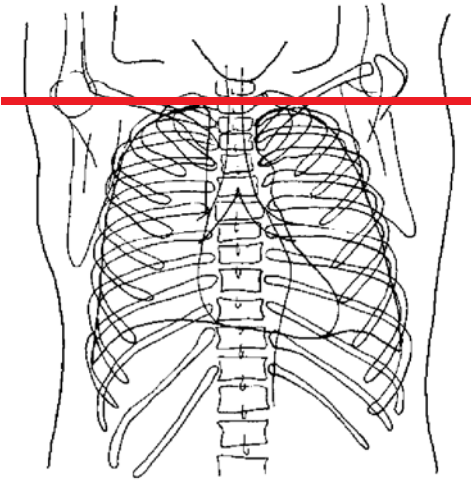
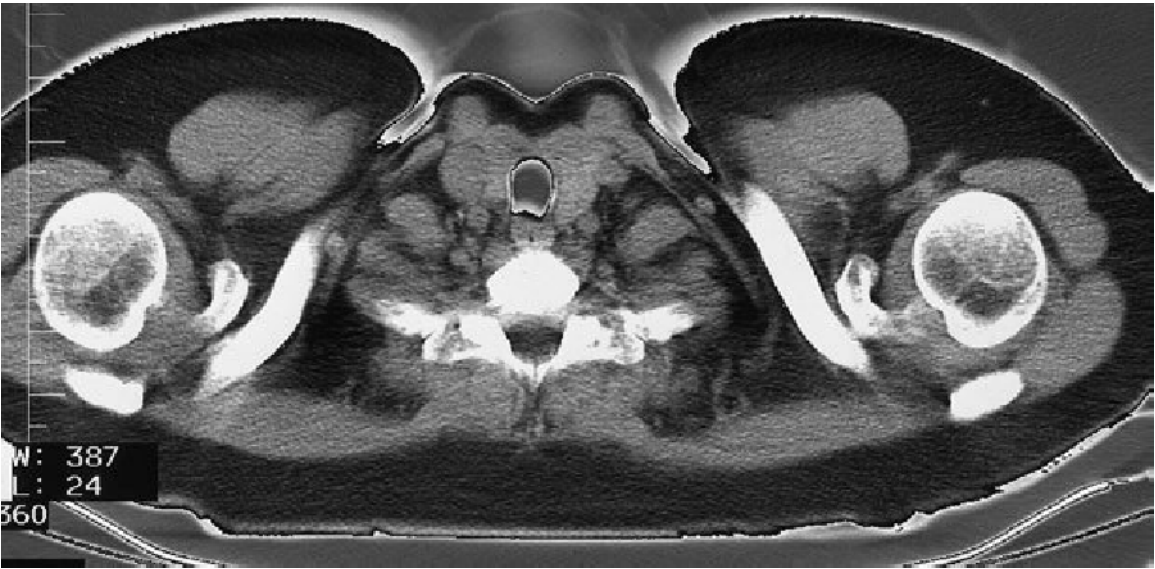
Thorax

Abdomen

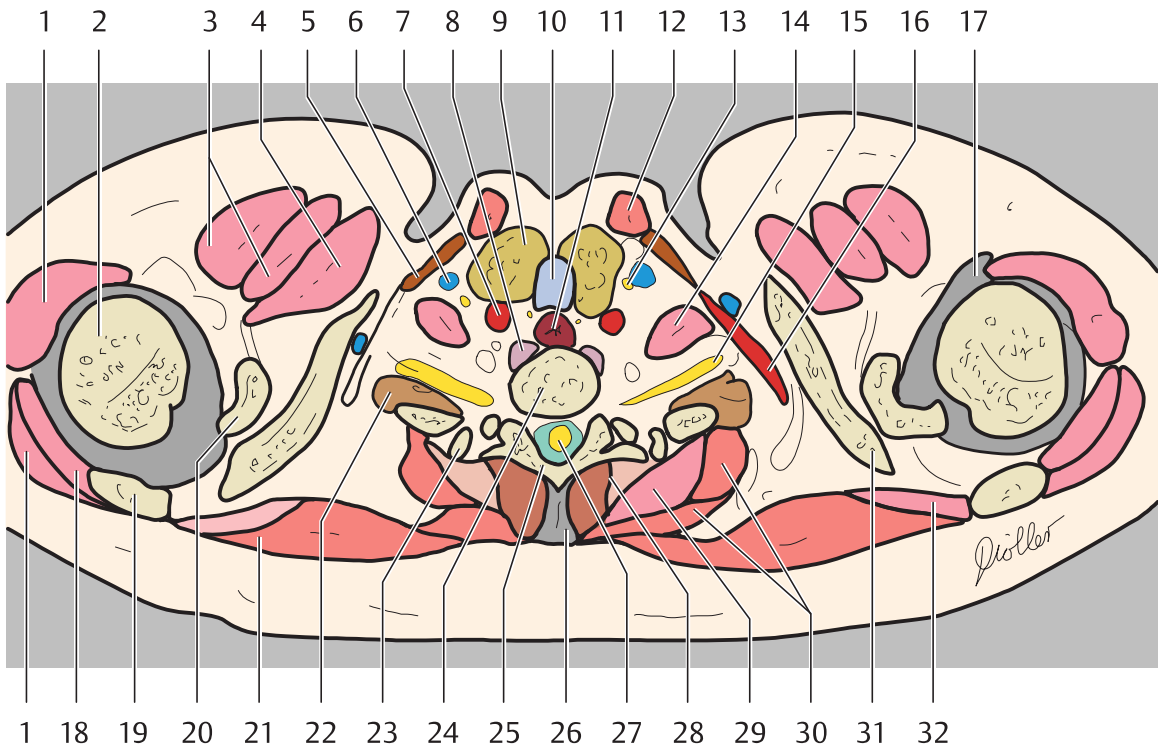
Pelvis

Special MR Examinations

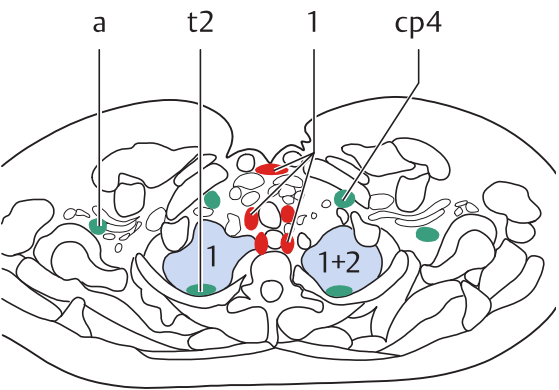
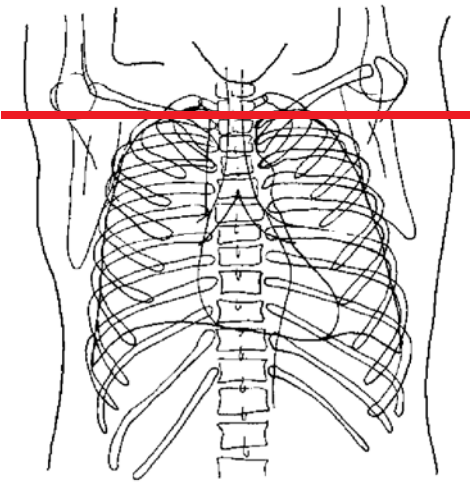
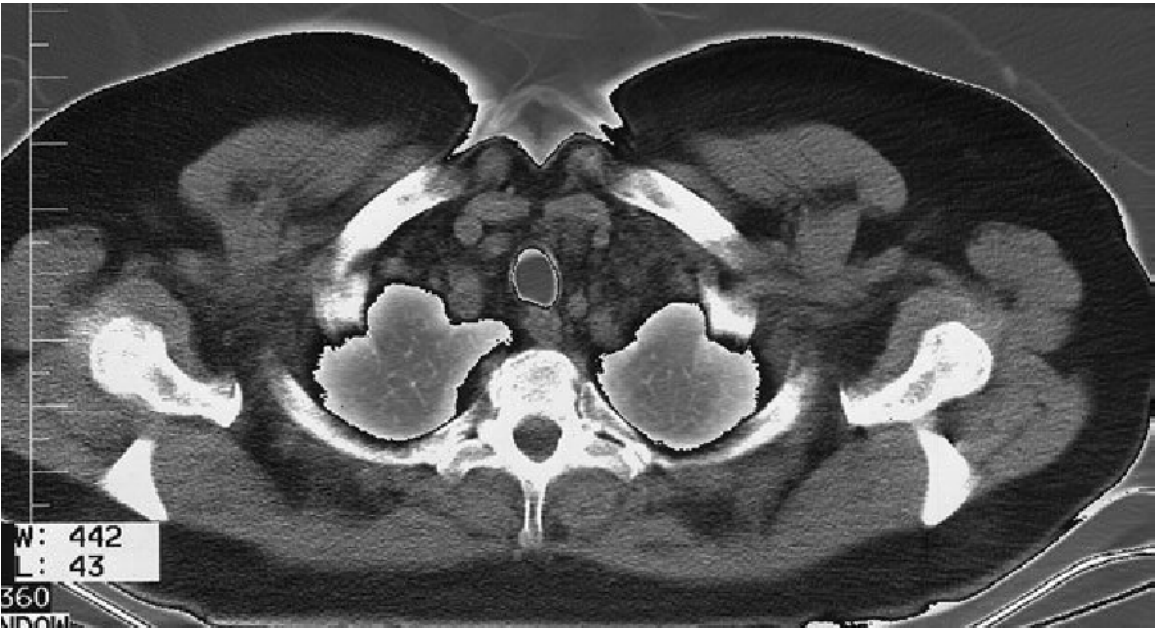
MR-Angiography



● ● = Lymph node (see inside back cover)



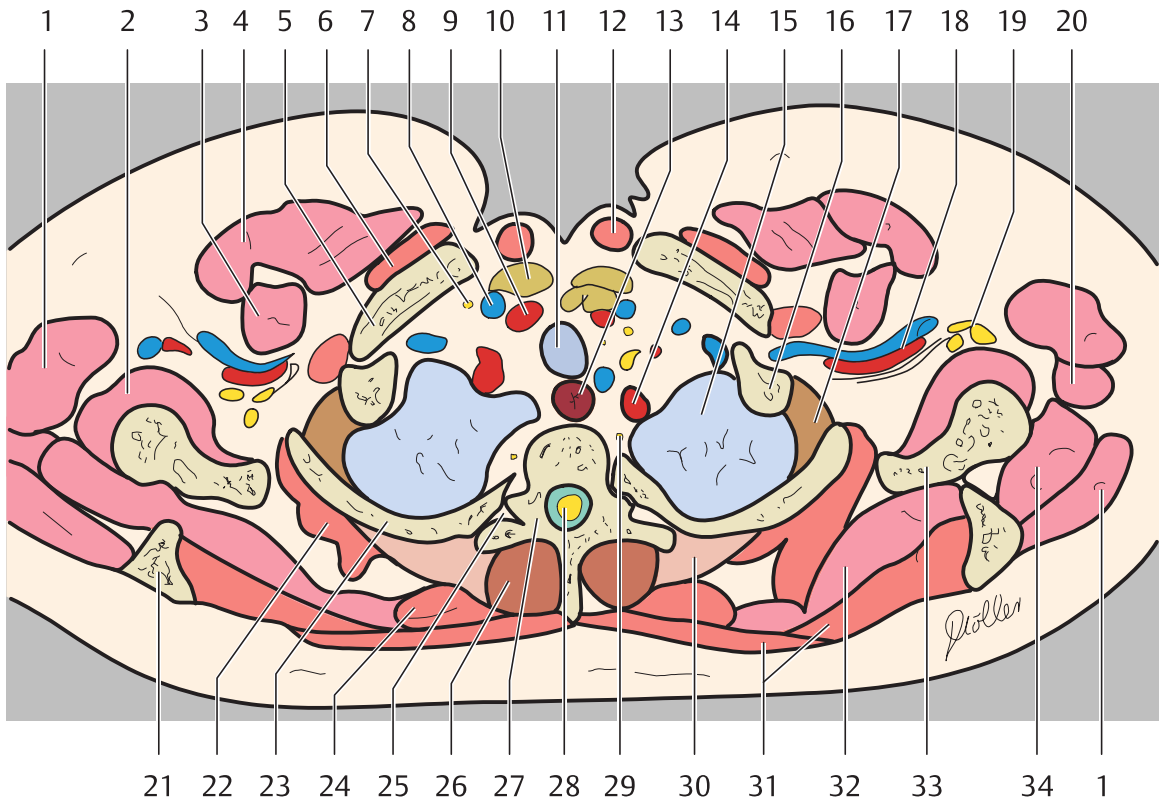
- | | |
|-------------------------------------|--|
| 1 Deltoid muscle | 17 Joint capsule with capsular ligaments |
| 2 Head of humerus (head of humerus) | 18 Infraspinatus muscle |
| 3 Pectoralis major muscle | 19 Spine of scapula |
| 4 Pectoralis minor muscle | 20 Coracoid process |
| 5 Sternothyroid muscle | 21 Trapezius muscle |
| 6 Internal jugular vein | 22 Medial and posterior scalene muscles |
| 7 Internal carotid artery | 23 Costovertebral joint (Rib 1) |
| 8 Longus colli muscle | 24 Vertebral body (T1) |
| 9 Thyroid gland | 25 Vertebral arch (lamina) |
| 10 Trachea | 26 Supraspinous ligament |
| 11 Oesophagus | 27 Spinal cord |
| 12 Sternocleidomastoid muscle | 28 Erector spinae muscle (medial tract) |
| 13 Vagus nerve (ramus) | 29 Serratus anterior muscle |
| 14 Anterior scalene muscle | 30 Rhomboid muscle |
| 15 Brachial plexus | 31 Clavicle |
| 16 Subclavian artery | 32 Supraspinatus muscle |



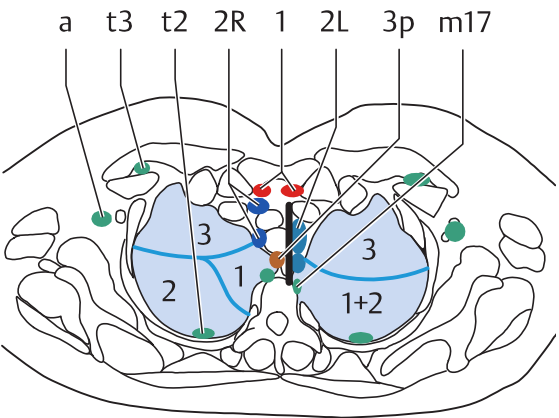
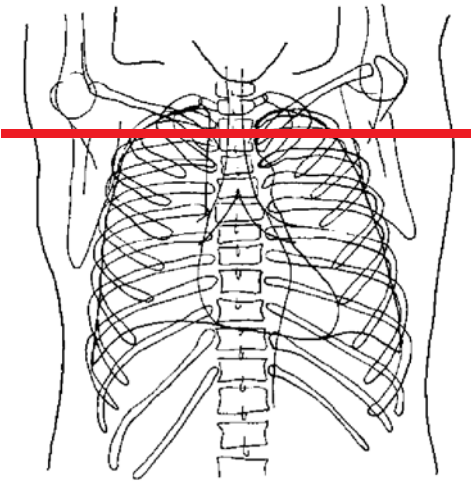
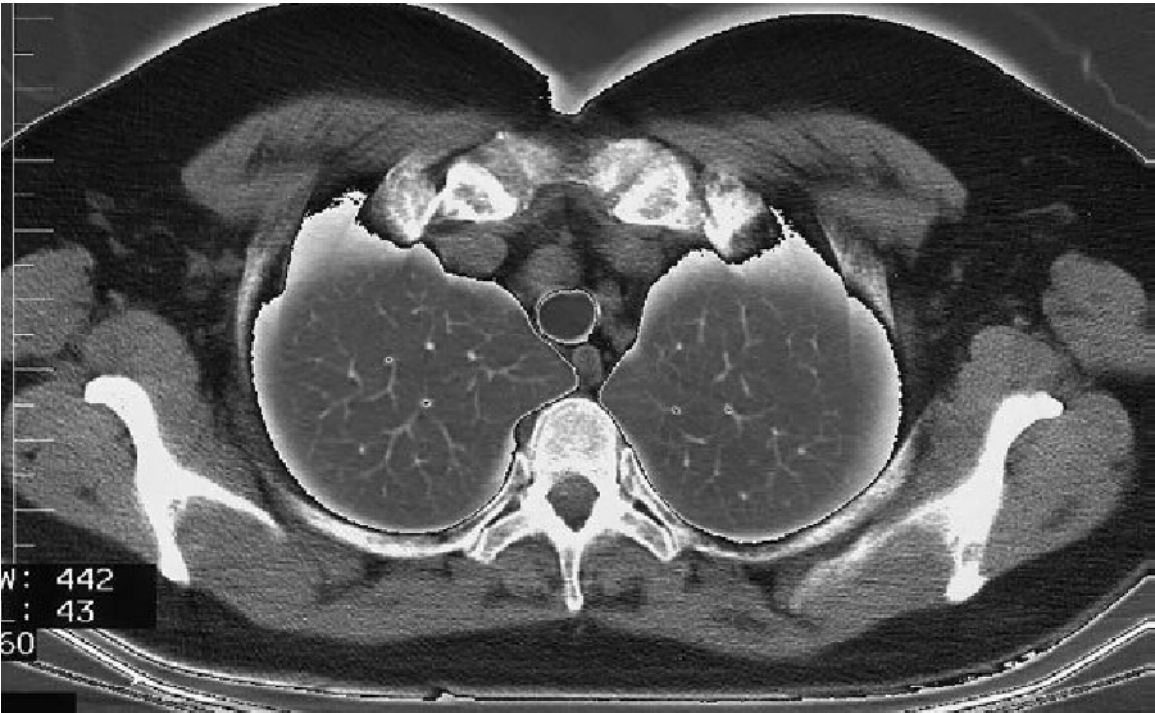
Right Lung
1 Apical segment of upper lobe

Left Lung
1 + 2 Apicoposterior segment of upper lobe

● ● = Lymph node (see inside back cover)



- | | |
|-------------------------------|---|
| 1 Deltoid muscle | 19 Brachial plexus |
| 2 Subscapularis muscle | 20 Teres major muscle and latissimus dorsi muscle |
| 3 Pectoralis minor muscle | 21 Spine of scapula |
| 4 Pectoralis major muscle | 22 Serratus anterior muscle |
| 5 Clavicle | 23 Rib 2 |
| 6 Subclavius muscle | 24 Rhomboid muscle, medial tract |
| 7 Vagus nerve (ramus) | 25 Costovertebral joint |
| 8 Internal jugular vein | 26 Erector spinae muscle, medial tract |
| 9 Internal carotid artery | 27 Vertebral body (T2) |
| 10 Thyroid gland | 28 Spinal cord |
| 11 Trachea | 29 Sympathetic trunk |
| 12 Sternocleidomastoid muscle | 30 Erector spinae muscle, lateral tract |
| 13 Oesophagus | 31 Trapezius muscle |
| 14 Subclavian artery | 32 Supraspinatus muscle |
| 15 Left lung | 33 Scapula |
| 16 Rib 1 | 34 Infraspinatus muscle |
| 17 Intercostal muscles | |
| 18 Subclavian artery and vein | |



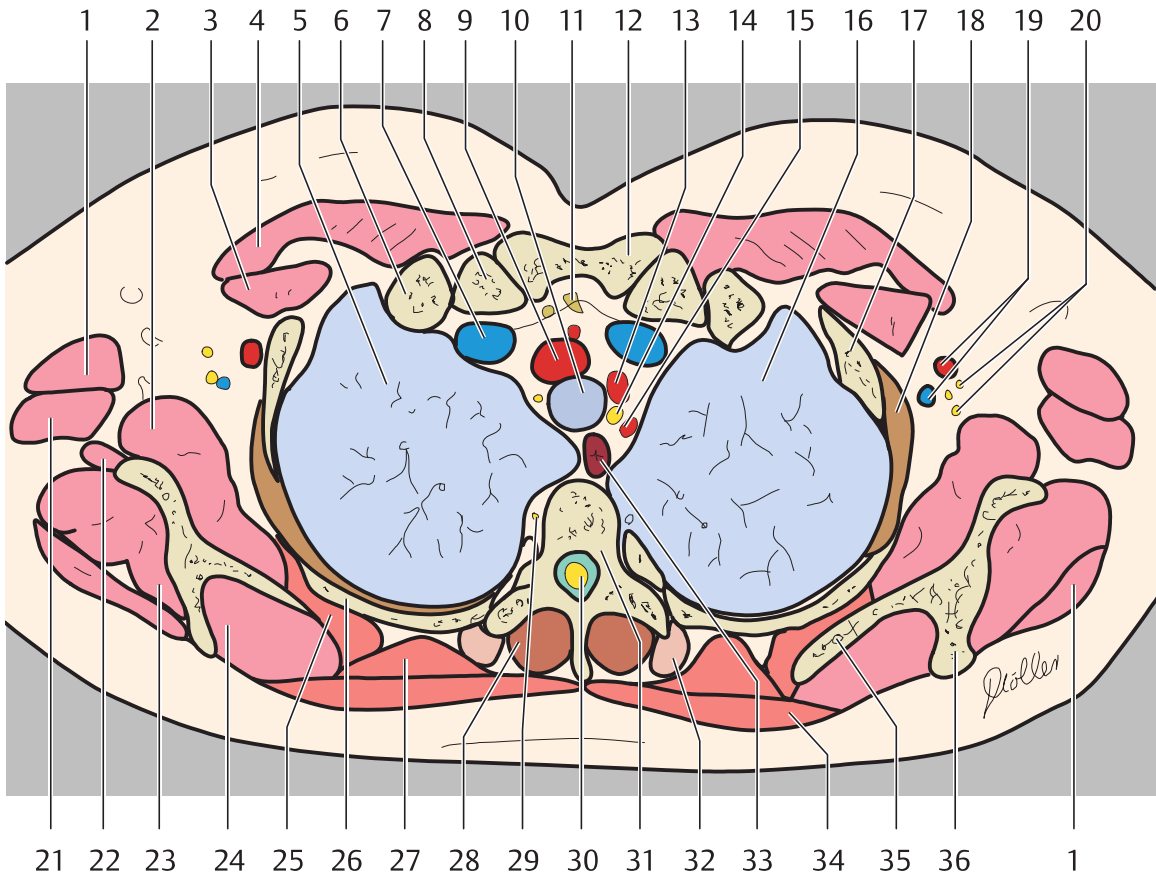
Right Lung

- 1 Apical segment of upper lobe
- 2 Posterior segment of upper lobe
- 3 Anterior segment of upper lobe

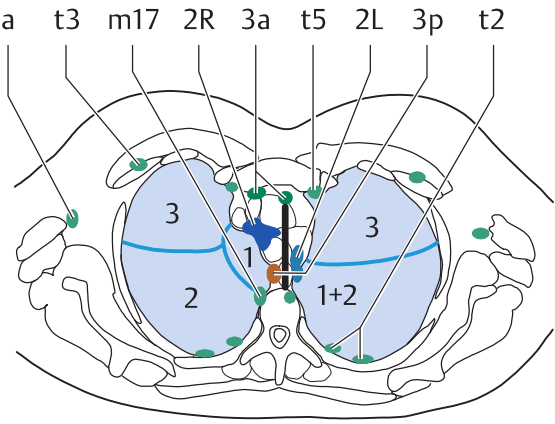
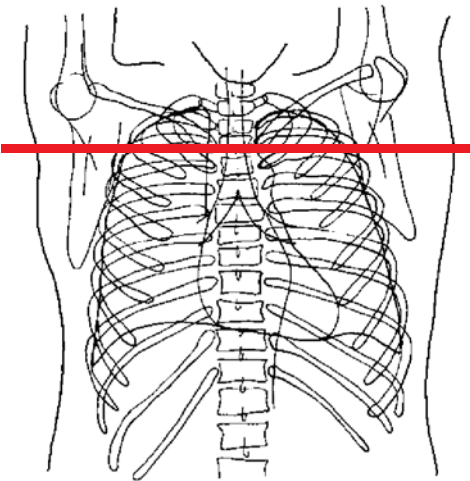
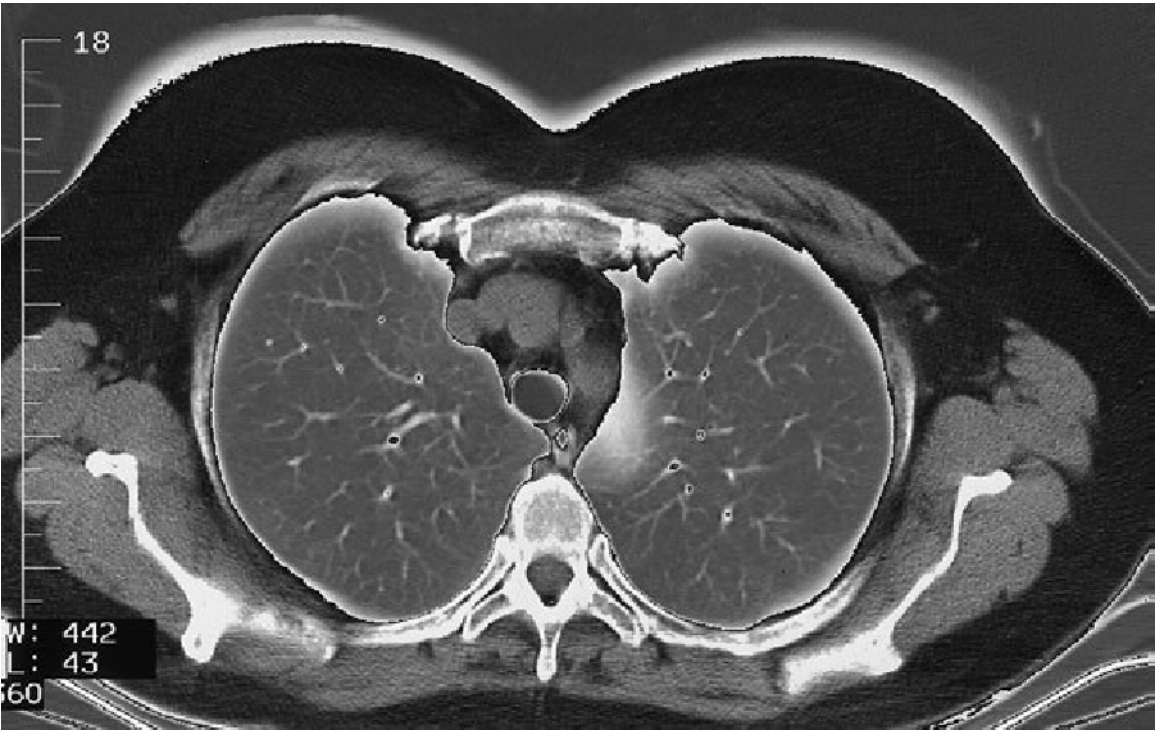
Left Lung

- 1+2 Apicoposterior segment of upper lobe
- 3 Anterior segment of upper lobe

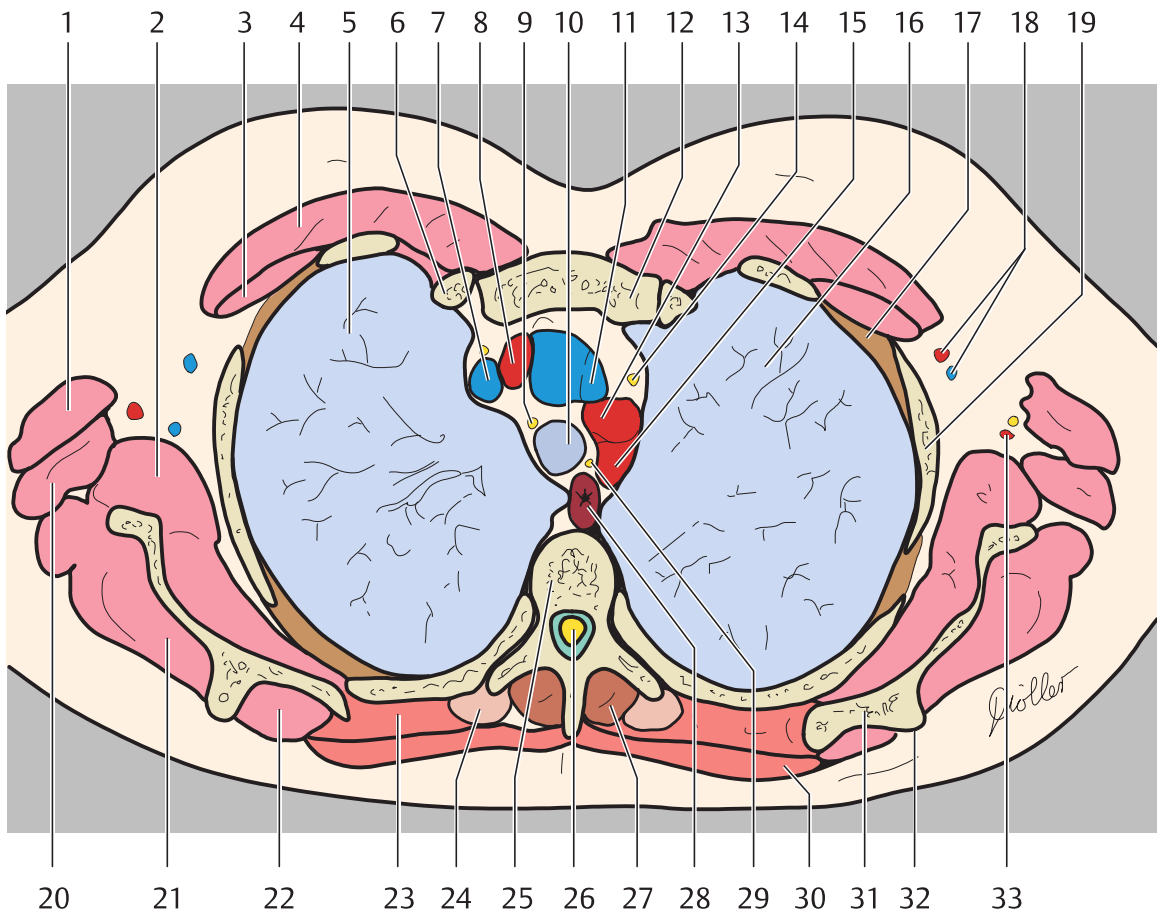
● ● ● = Lymph node
● ● (see inside back cover)
— = Borders of lung segments



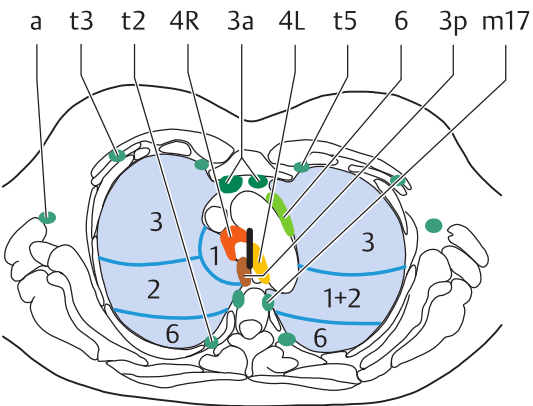
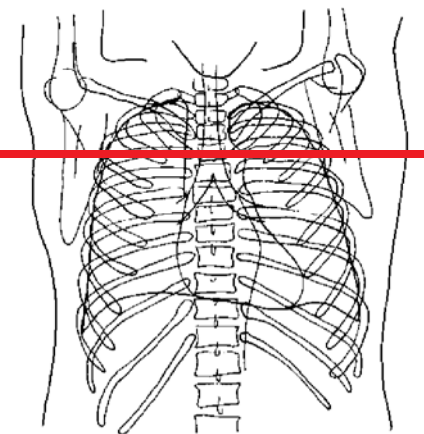
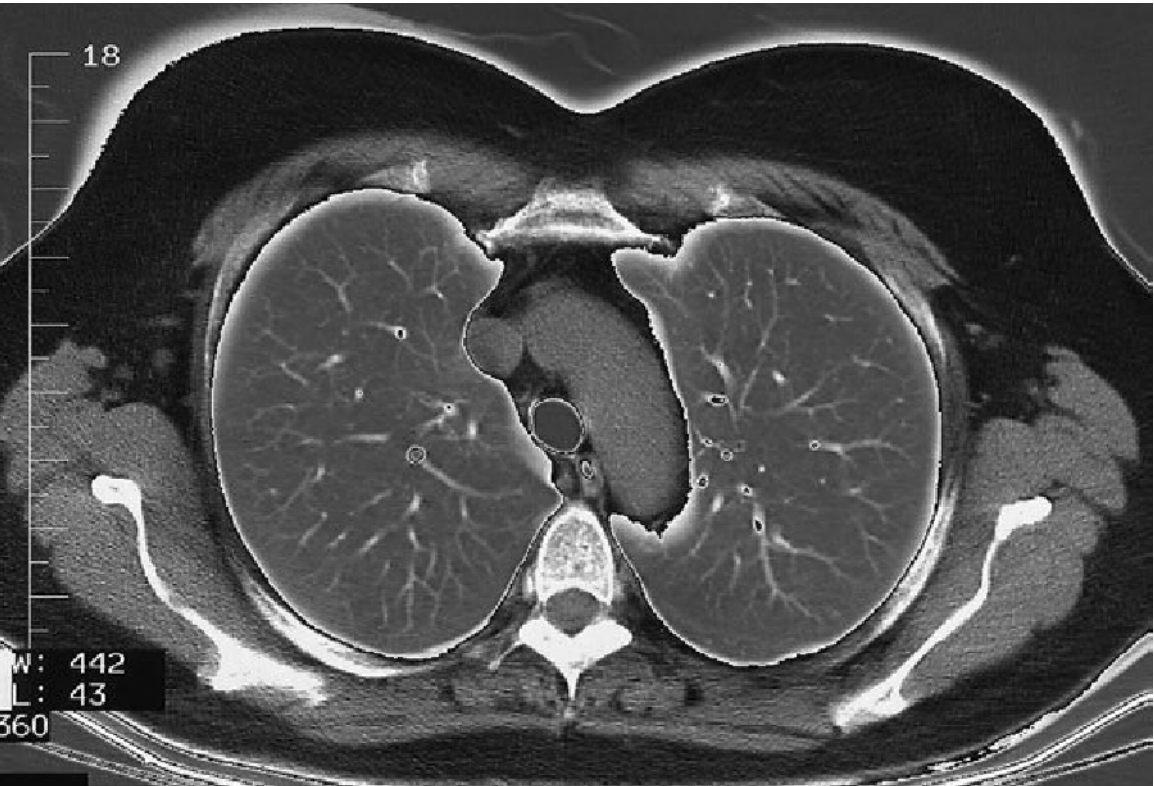
- | | |
|-------------------------------|---|
| 1 Deltoid muscle | 20 Brachial plexus |
| 2 Subscapularis muscle | 21 Teres major muscle and latissimus dorsi muscle |
| 3 Pectoralis minor muscle | 22 Triceps brachii muscle (long head) |
| 4 Pectoralis major muscle | 23 Infraspinatus muscle |
| 5 Right lung | 24 Supraspinatus muscle |
| 6 Rib 1 | 25 Serratus anterior muscle |
| 7 Brachiocephalic vein | 26 Rib 3 |
| 8 Clavicle | 27 Rhomboid muscle |
| 9 Brachiocephalic artery | 28 Erector spinae muscle, medial tract |
| 10 Trachea | 29 Sympathetic trunk |
| 11 Thymus | 30 Spinal cord |
| 12 Sternum (manubrium) | 31 Vertebral body |
| 13 Left common carotid artery | 32 Erector spinae muscle, lateral tract |
| 14 Recurrent laryngeal nerve | 33 Oesophagus |
| 15 Left subclavian artery | 34 Trapezius muscle |
| 16 Left lung | 35 Scapula |
| 17 Rib 2 | 36 Spine of scapula |
| 18 Intercostal muscles | |
| 19 Axillary artery and vein | |



- Right Lung
- 2 Posterior segment of upper lobe
 - 3 Anterior segment of upper lobe
- Left Lung
- 1 + 2 Apicoposterior segment of upper lobe
 - 3 Anterior segment of upper lobe
- ● ● ● = Lymph node (see inside back cover)
- = Borders of lung segments



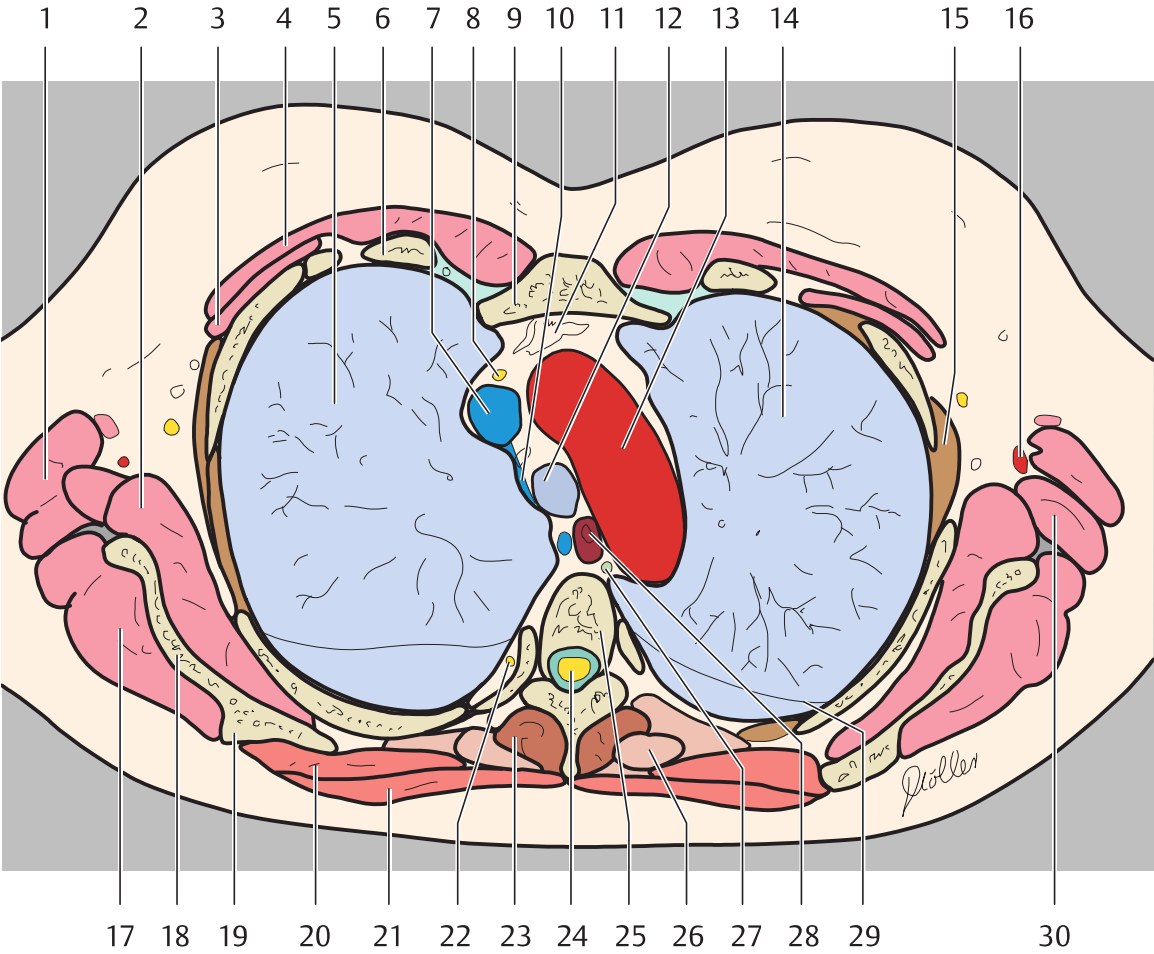
- | | |
|-------------------------------|---|
| 1 Deltoid muscle | 18 Axillary artery and vein |
| 2 Subscapularis muscle | 19 Rib 3 |
| 3 Pectoralis minor muscle | 20 Teres major muscle and latissimus dorsi muscle |
| 4 Pectoralis major muscle | 21 Infraspinatus muscle |
| 5 Right lung | 22 Supraspinatus muscle |
| 6 Rib 1 | 23 Rhomboid major muscle |
| 7 Right brachiocephalic vein | 24 Erector spinae, lateral tract |
| 8 Brachiocephalic artery | 25 Vertebral body (T3) |
| 9 Vagus nerve | 26 Spinal cord (thoracic part) |
| 10 Trachea | 27 Erector spinae muscle, medial tract |
| 11 Left brachiocephalic vein | 28 Oesophagus |
| 12 Sternum (manubrium) | 29 Recurrent laryngeal nerve |
| 13 Left common carotid artery | 30 Trapezius muscle |
| 14 Phrenic nerve | 31 Scapula |
| 15 Left subclavian artery | 32 Spine of scapula |
| 16 Left lung | 33 Thoracodorsal artery |
| 17 Intercostal muscles | |



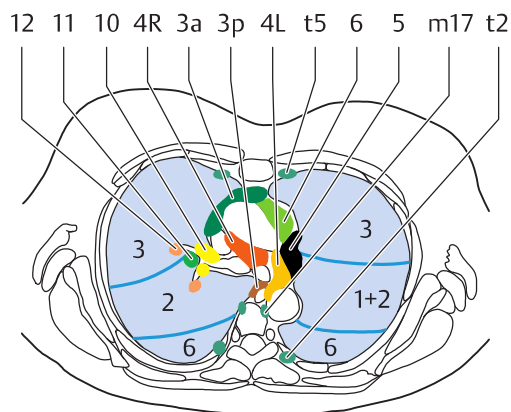
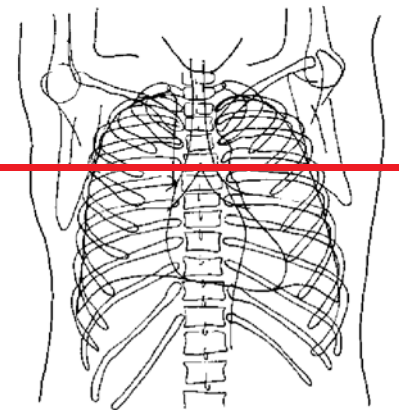
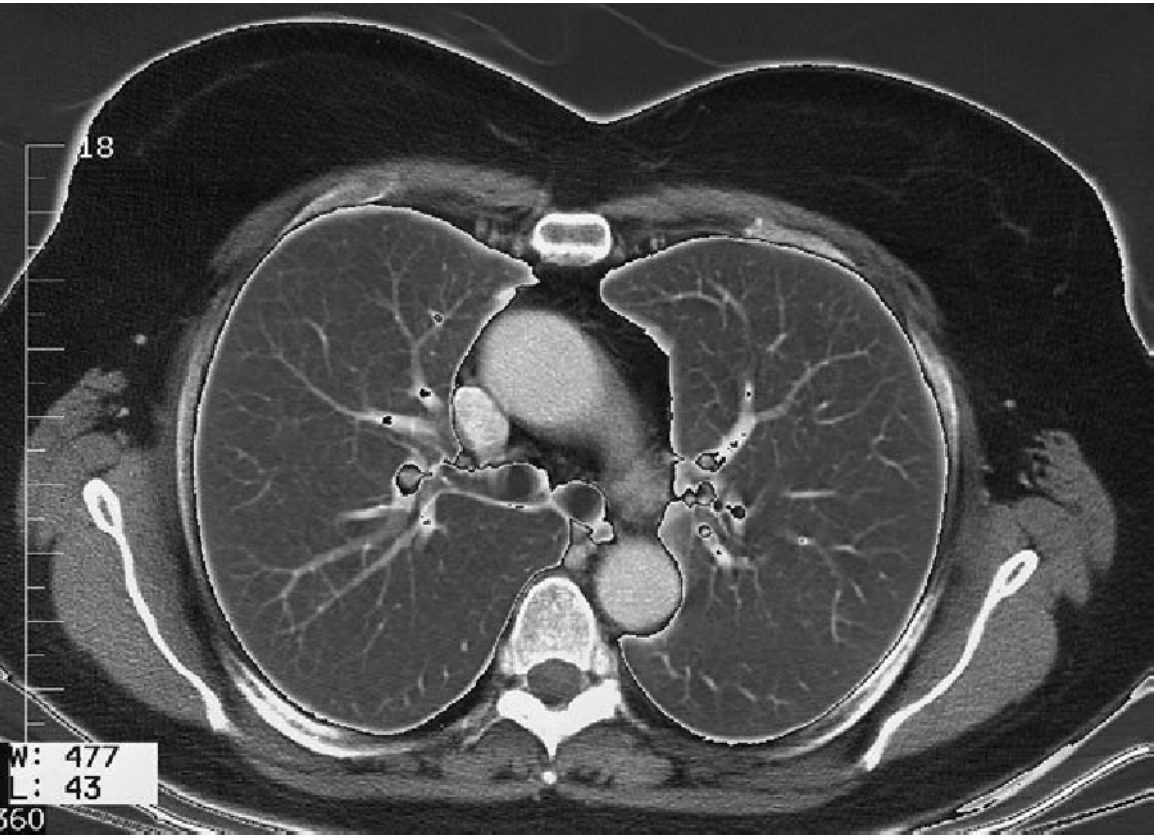
- Right Lung
- 2 Posterior segment of upper lobe
 - 3 Anterior segment of upper lobe
 - 6 Superior segment of lower lobe

- Left Lung
- 1+2 Apicoposterior segment of upper lobe
 - 3 Anterior segment of upper lobe
 - 6 Superior segment of lower lobe

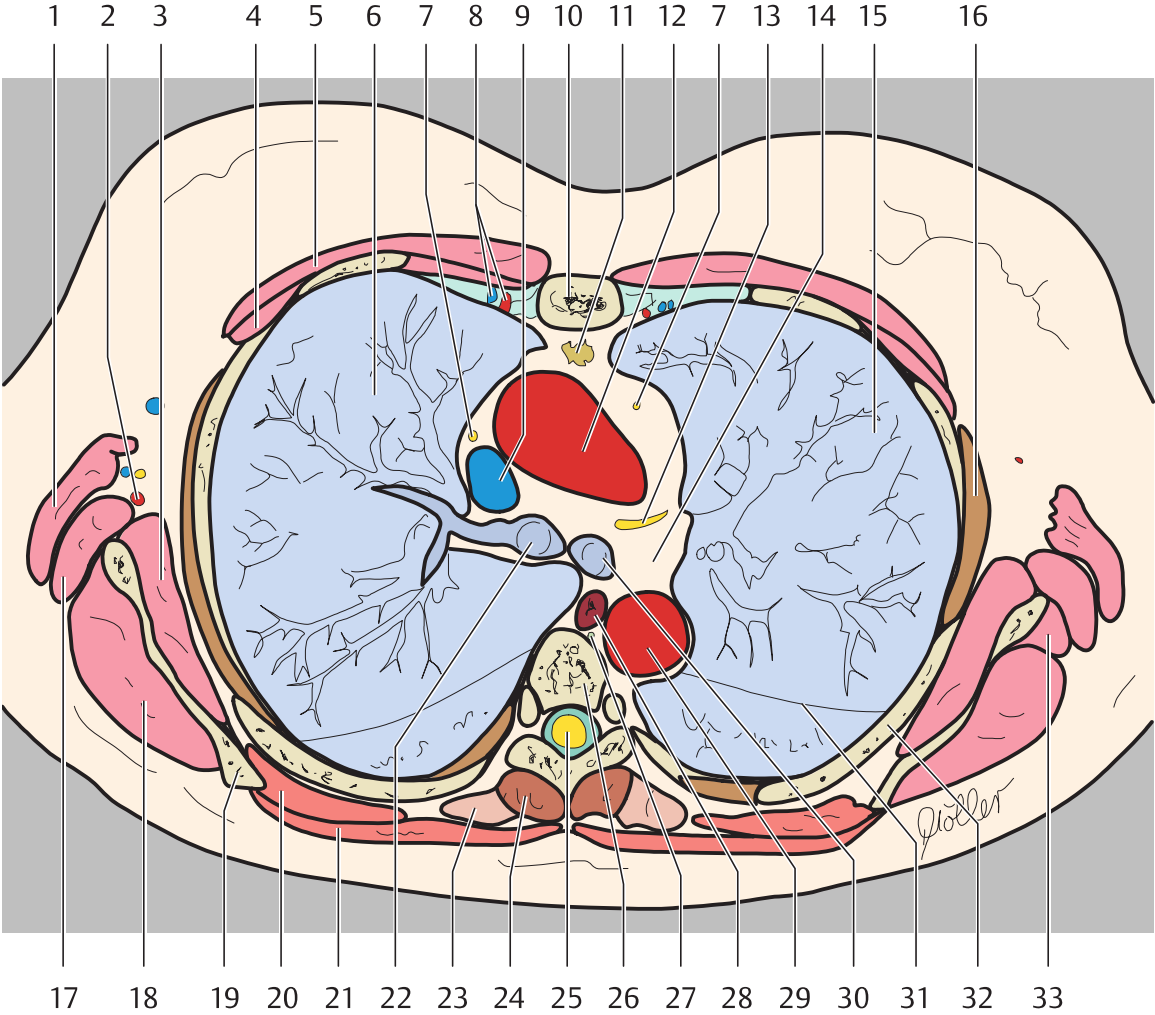
● ● ● ● = Lymph node (see inside back cover)
— = Borders of lung segments



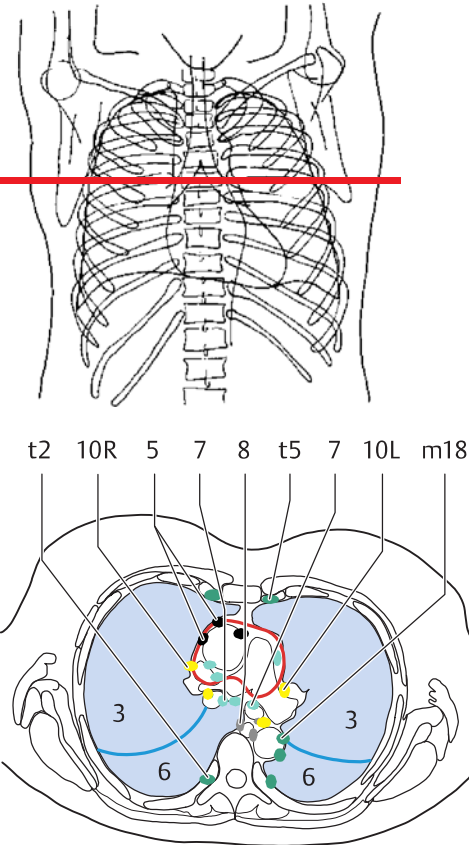
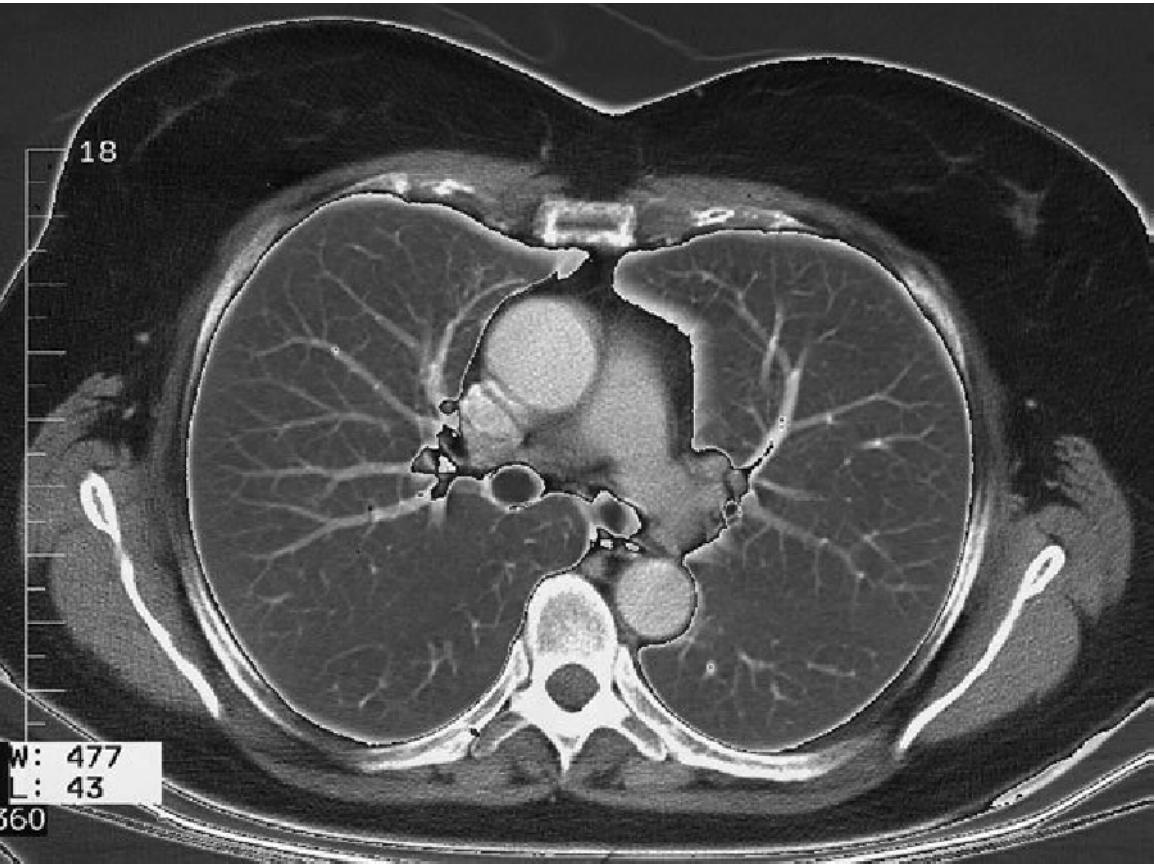
- | | |
|------------------------------|---|
| 1 Latissimus dorsi muscle | 16 Thoracodorsal artery |
| 2 Subscapularis muscle | 17 Infrapinatus muscle |
| 3 Pectoralis minor muscle | 18 Scapula |
| 4 Pectoralis major muscle | 19 Spine of scapula |
| 5 Right lung | 20 Rhomboid major muscle |
| 6 Rib 2 | 21 Trapezius muscle |
| 7 Right brachiocephalic vein | 22 Sympathetic trunk |
| 8 Phrenic nerve | 23 Erector spinae muscle, medial tract |
| 9 Sternum (manubrium) | 24 Spinal cord |
| 10 Azygos vein | 25 Vertebral body (T4) |
| 11 Thymus | 26 Erector spinae muscle, lateral tract |
| 12 Trachea | 27 Thoracic duct |
| 13 Aortic arch | 28 Oesophagus |
| 14 Left lung | 29 Oblique fissure |
| 15 Intercostal muscles | 30 Teres major muscle |



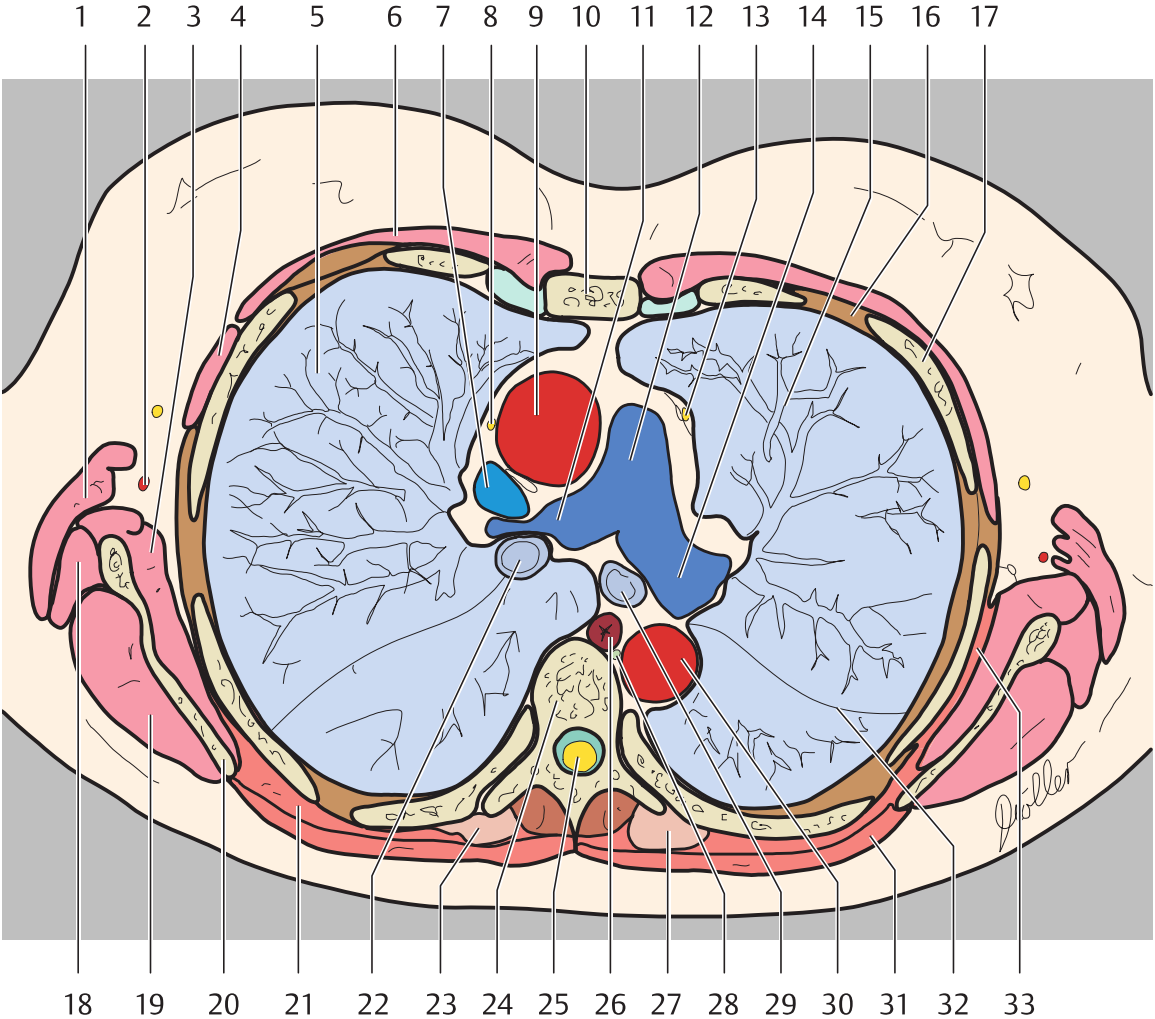
- Right Lung
- 2 Posterior segment of upper lobe
 - 3 Anterior segment of upper lobe
 - 6 Superior segment of lower lobe
- Left Lung
- 1+2 Apicoposterior segment of upper lobe
 - 3 Anterior segment of upper lobe
 - 6 Superior segment of lower lobe
- ● ● ● = Lymph node
● ● ● ● (see inside back cover)
— = Borders of lung segments



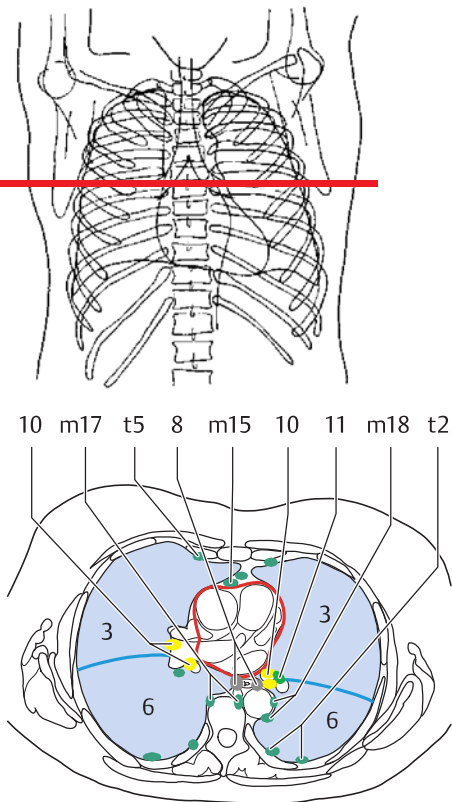
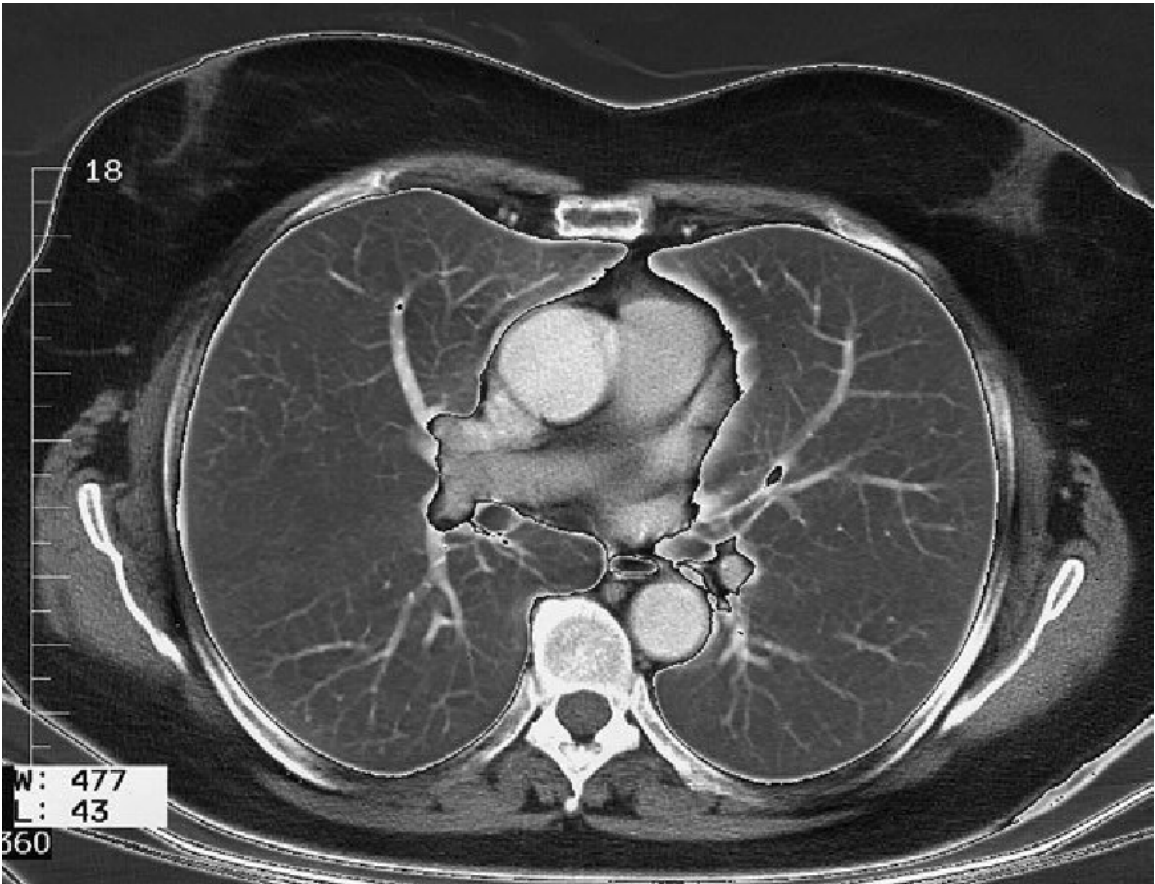
- | | |
|-------------------------------------|---|
| 1 Latissimus dorsi muscle | 18 Infrapinatus muscle |
| 2 Thoracodorsal artery | 19 Scapula |
| 3 Subscapularis muscle | 20 Rhomboid major muscle |
| 4 Pectoralis minor muscle | 21 Trapezius muscle |
| 5 Pectoralis major muscle | 22 Right main stem bronchus |
| 6 Right lung | 23 Erector spinae muscle, lateral tract |
| 7 Phrenic nerve | 24 Erector spinae muscle, medial tract |
| 8 Internal thoracic artery and vein | 25 Spinal cord |
| 9 Superior vena cava | 26 Vertebral body (T5) |
| 10 Sternum (body) | 27 Thoracic duct |
| 11 Thymus | 28 Oesophagus |
| 12 Ascending aorta | 29 Descending aorta |
| 13 Recurrent laryngeal nerve | 30 Left main stem bronchus |
| 14 Aortopulmonary window | 31 Oblique fissure |
| 15 Left lung | 32 Rib 5 |
| 16 Intercostal muscles | 33 Teres minor muscle |
| 17 Teres major muscle | |



- Right Lung
- 3 Anterior segment of upper lobe
 - 6 Superior segment of lower lobe
- Left Lung
- 3 Anterior segment of upper lobe
 - 6 Superior segment of lower lobe
- ● ● = Lymph node
● ● (see inside back cover)
— = Borders of lung segments
— = Pericardium



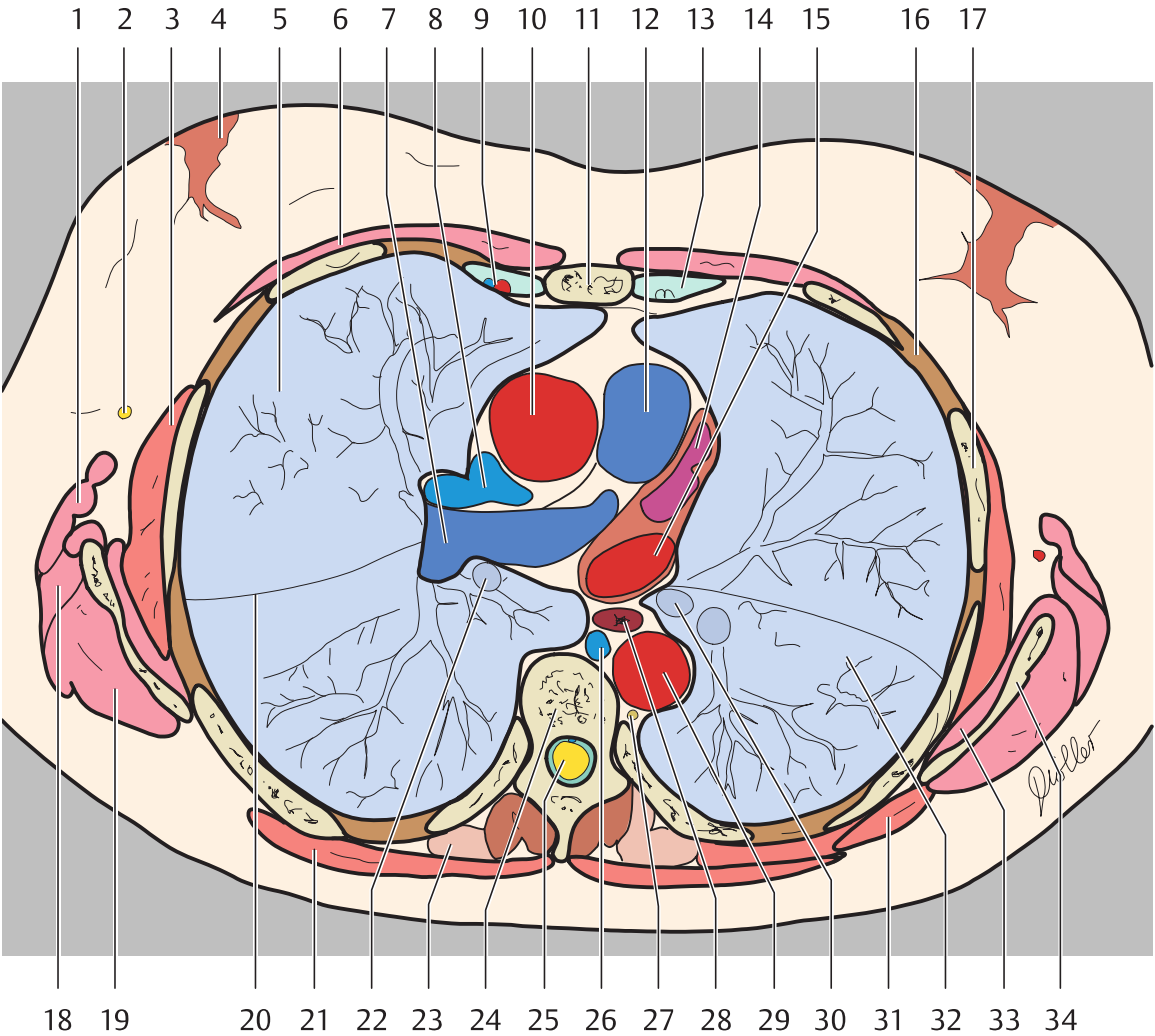
- | | |
|------------------------------|---|
| 1 Latissimus dorsi muscle | 18 Teres major muscle |
| 2 Thoracodorsal artery | 19 Infraspinatus muscle |
| 3 Subscapularis muscle | 20 Scapula |
| 4 Pectoralis minor muscle | 21 Rhomboid major muscle |
| 5 Right lung | 22 Right main stem bronchus |
| 6 Pectoralis major muscle | 23 Erector spinae muscle, lateral tract |
| 7 Superior vena cava | 24 Vertebral body (T6) |
| 8 Phrenic nerve | 25 Spinal cord |
| 9 Ascending aorta | 26 Oesophagus |
| 10 Sternum | 27 Erector spinae muscle, medial tract |
| 11 Right pulmonary artery | 28 Thoracic duct |
| 12 Pulmonary trunk | 29 Left main stem bronchus |
| 13 Recurrent laryngeal nerve | 30 Descending aorta |
| 14 Left pulmonary artery | 31 Trapezius muscle |
| 15 Left lung | 32 Oblique fissure |
| 16 Intercostal muscles | 33 Serratus anterior muscle |
| 17 Rib 4 | |



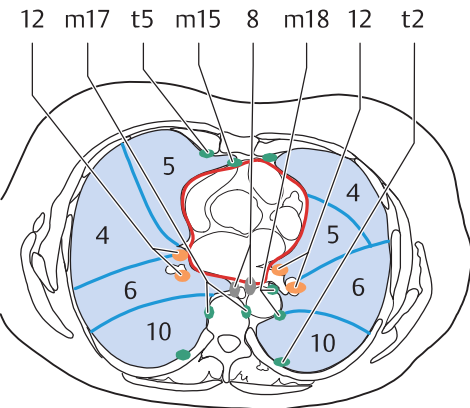
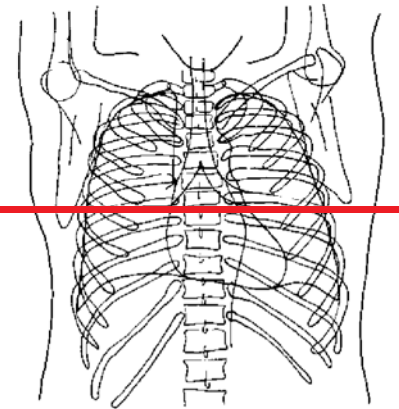
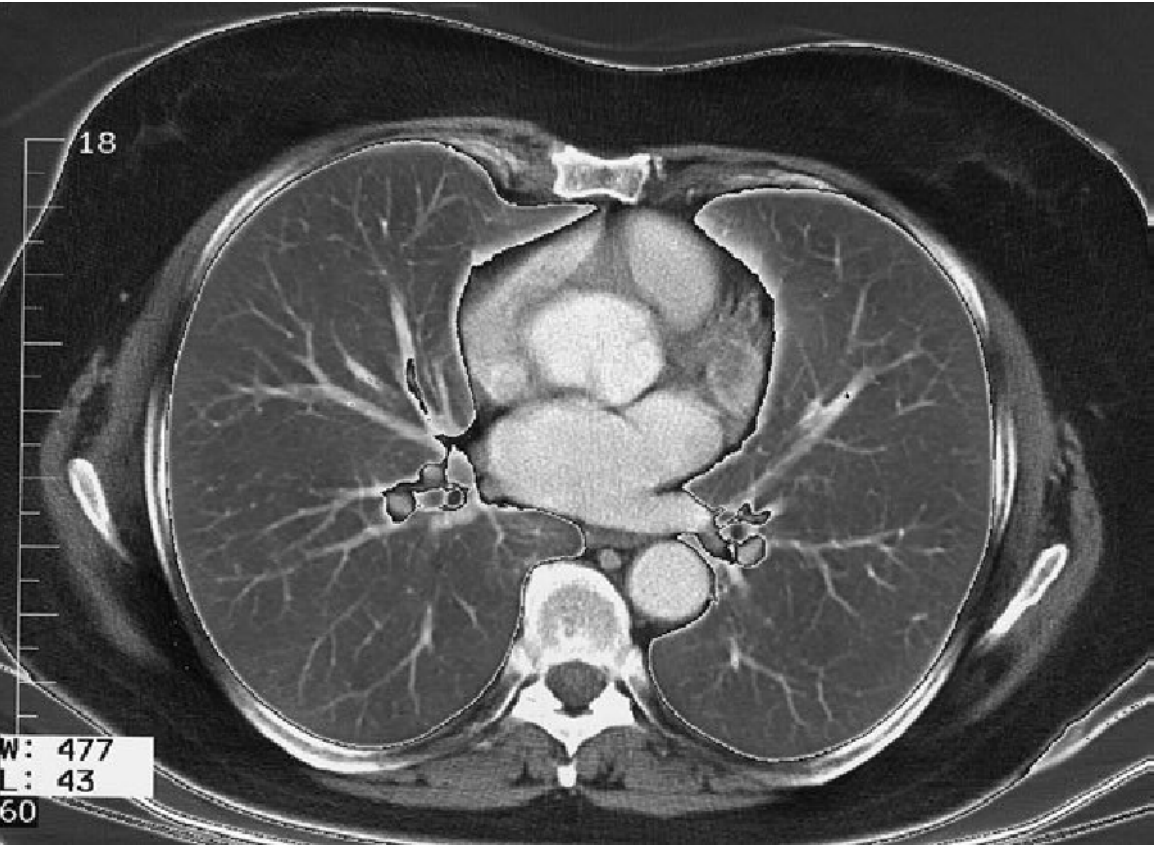
Right Lung
3 Anterior segment of upper lobe
6 Superior segment of lower lobe

Left Lung
3 Anterior segment of upper lobe
6 Superior segment of lower lobe

● ● ● = Lymph node (see inside back cover)
— = Borders of lung segments
— = Pericardium



- | | |
|---|----------------------------------|
| 1 Latissimus dorsi muscle | 18 Teres major muscle |
| 2 Long thoracic nerve | 19 Infraspinatus muscle |
| 3 Serratus anterior muscle | 20 Oblique fissure |
| 4 Glandular tissue of the breast and nipple | 21 Trapezius muscle |
| 5 Right lung | 22 Right inferior lobar bronchus |
| 6 Pectoralis major muscle | 23 Erector spinae muscle |
| 7 Right pulmonary artery | 24 Vertebral body (T7) |
| 8 Superior vena cava | 25 Spinal cord |
| 9 Internal thoracic artery and vein | 26 Azygos vein |
| 10 Ascending aorta | 27 Thoracic duct |
| 11 Sternum | 28 Oesophagus |
| 12 Pulmonary trunk | 29 Descending aorta |
| 13 Rib 3 (costal cartilage) | 30 Left inferior lobar bronchus |
| 14 Left pulmonary vein | 31 Rhomboid major muscle |
| 15 Left atrium | 32 Left lung |
| 16 Intercostal muscles | 33 Subscapularis muscle |
| 17 Rib 5 | 34 Scapula |



Right Lung

- 4 Lateral segment of middle lobe
- 5 Medial segment of middle lobe
- 6 Superior segment of lower lobe
- 10 Posterior basal segment of lower lobe

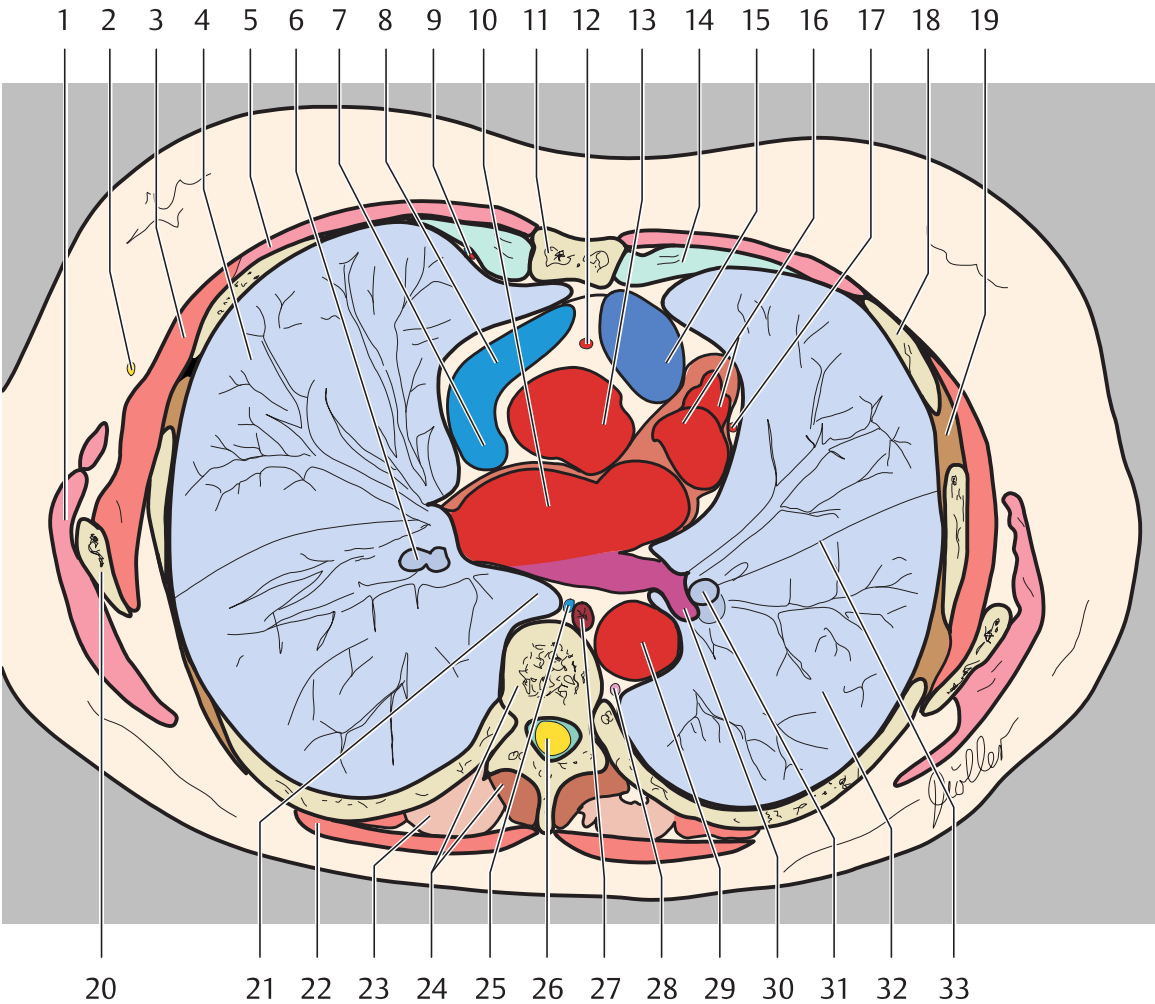
Left Lung

- 4 Superior lingular segment of upper lobe
- 5 Inferior lingular segment of upper lobe
- 6 Superior segment of lower lobe
- 10 Posterior basal segment of lower lobe

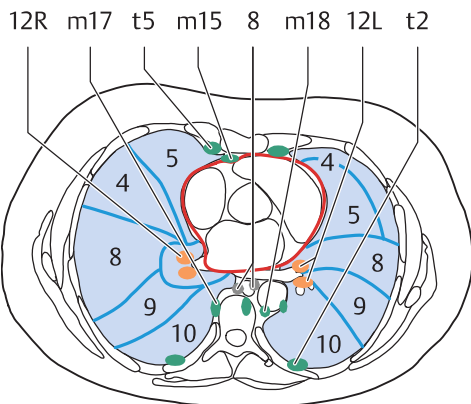
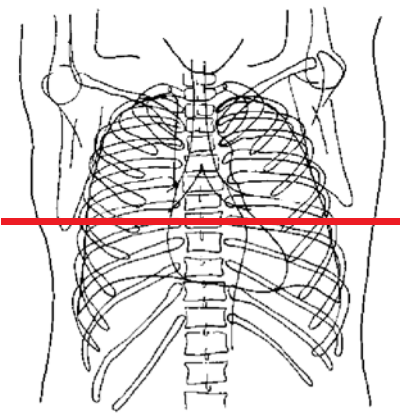
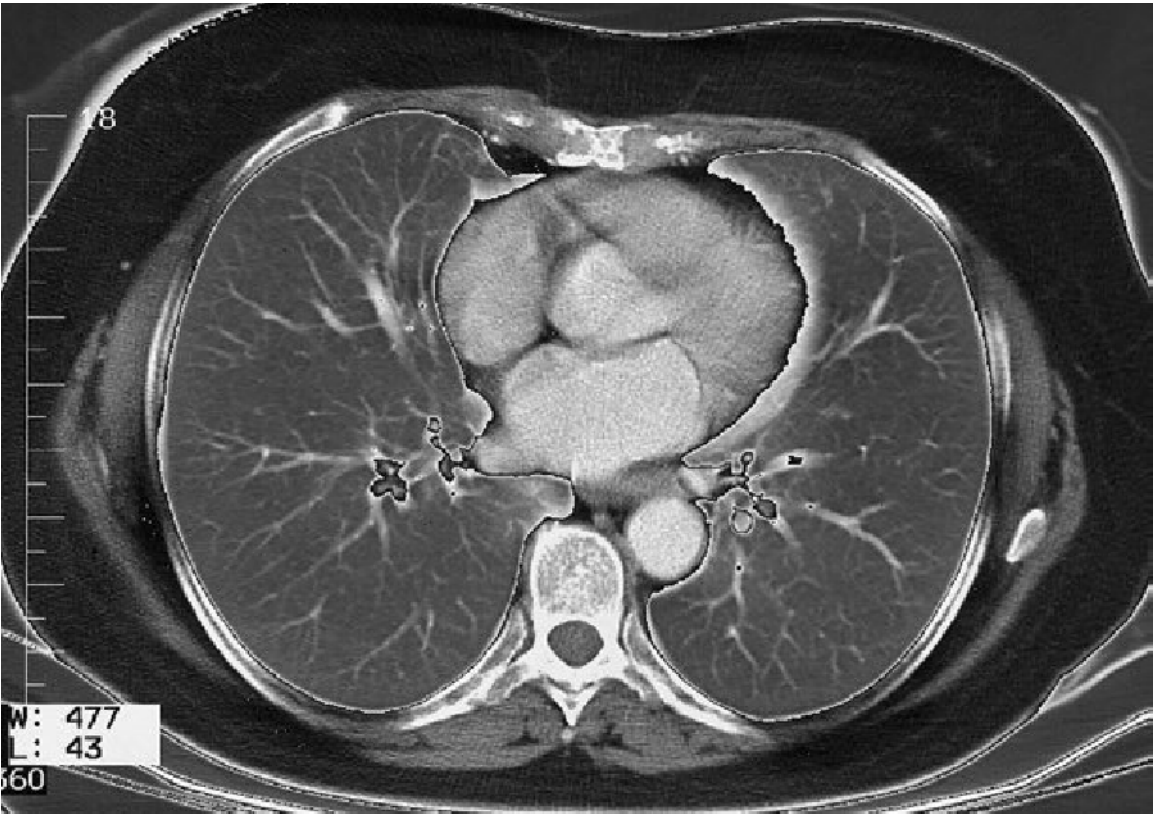
● ● ● = Lymph node (see inside back cover)

— = Borders of lung segments

— = Pericardium



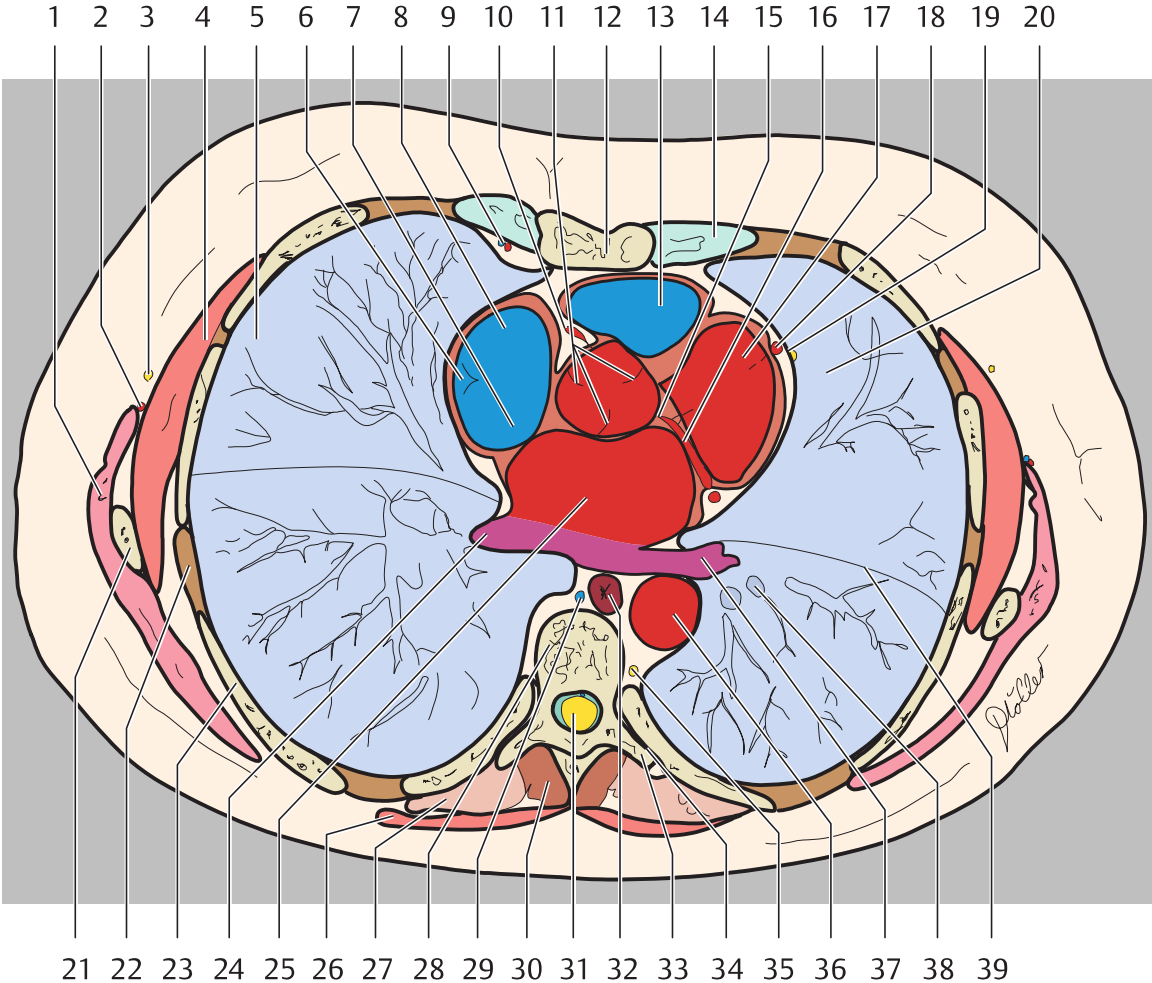
- | | | | |
|----|---------------------------------------|----|---|
| 1 | Latissimus dorsi muscle | 18 | Rib 5 |
| 2 | Long thoracic nerve | 19 | Intercostal muscles |
| 3 | Serratus anterior muscle | 20 | Scapula |
| 4 | Right lung | 21 | Right lung in retroesophageal recess |
| 5 | Pectoralis major muscle | 22 | Trapezius muscle |
| 6 | Right inferior lobar bronchus | 23 | Erector spinae muscle, lateral tract |
| 7 | Superior vena cava | 24 | Vertebral body (T7) + erector spinae muscle, medial tract |
| 8 | Right auricle | 25 | Azygos vein |
| 9 | Internal thoracic artery and vein | 26 | Spinal cord |
| 10 | Left atrium | 27 | Oesophagus |
| 11 | Sternum | 28 | Thoracic duct |
| 12 | Right coronary artery | 29 | Descending aorta |
| 13 | Ascending aorta | 30 | Left pulmonary vein |
| 14 | Rib 4 (costal cartilage) | 31 | Left inferior lobar bronchus |
| 15 | Conus arteriosus | 32 | Left lung |
| 16 | Left ventricle | 33 | Oblique fissure |
| 17 | Left coronary artery, diagonal branch | | |



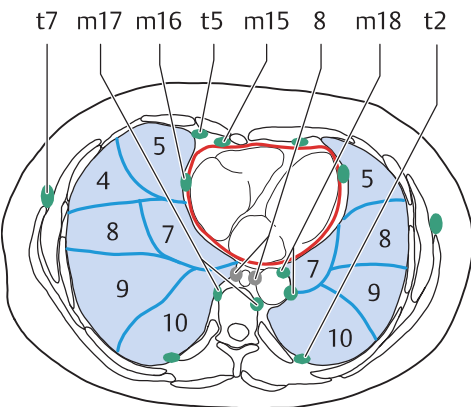
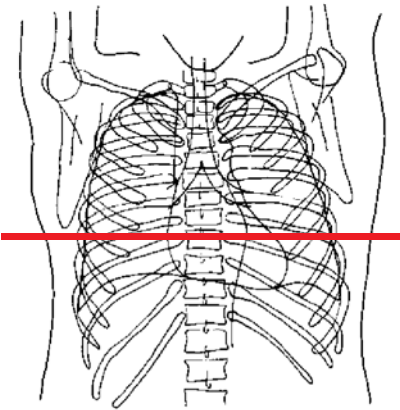
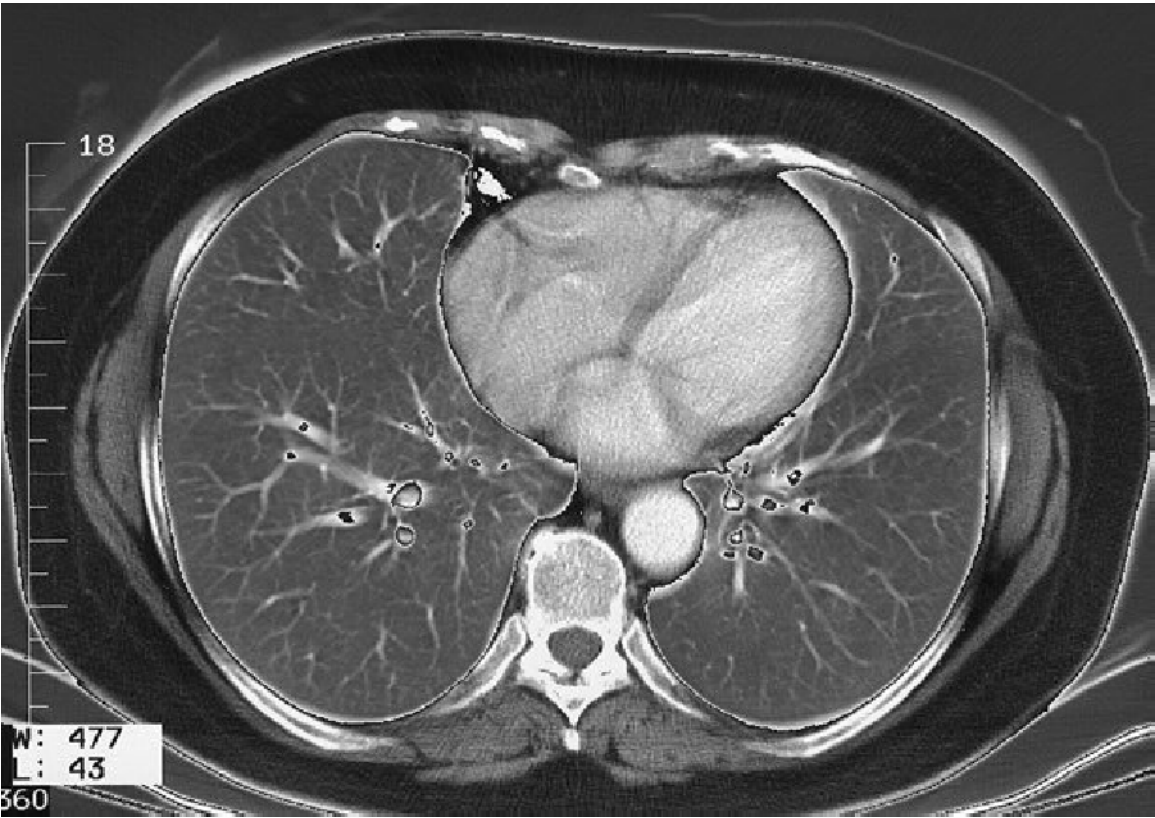
- Right Lung
- 4 Lateral segment of middle lobe
 - 5 Medial segment of middle lobe
 - 8 Anterior basal segment of lower lobe
 - 9 Lateral basal segment of lower lobe
 - 10 Posterior basal segment of lower lobe

- Left Lung
- 4 Superior lingular segment of upper lobe
 - 5 Inferior lingular segment of upper lobe
 - 8 Anterior basal segment of lower lobe
 - 9 Lateral basal segment of lower lobe
 - 10 Posterior basal segment of lower lobe

- ● ● = Lymph node (see inside back cover)
- = Borders of lung segments
- = Pericardium

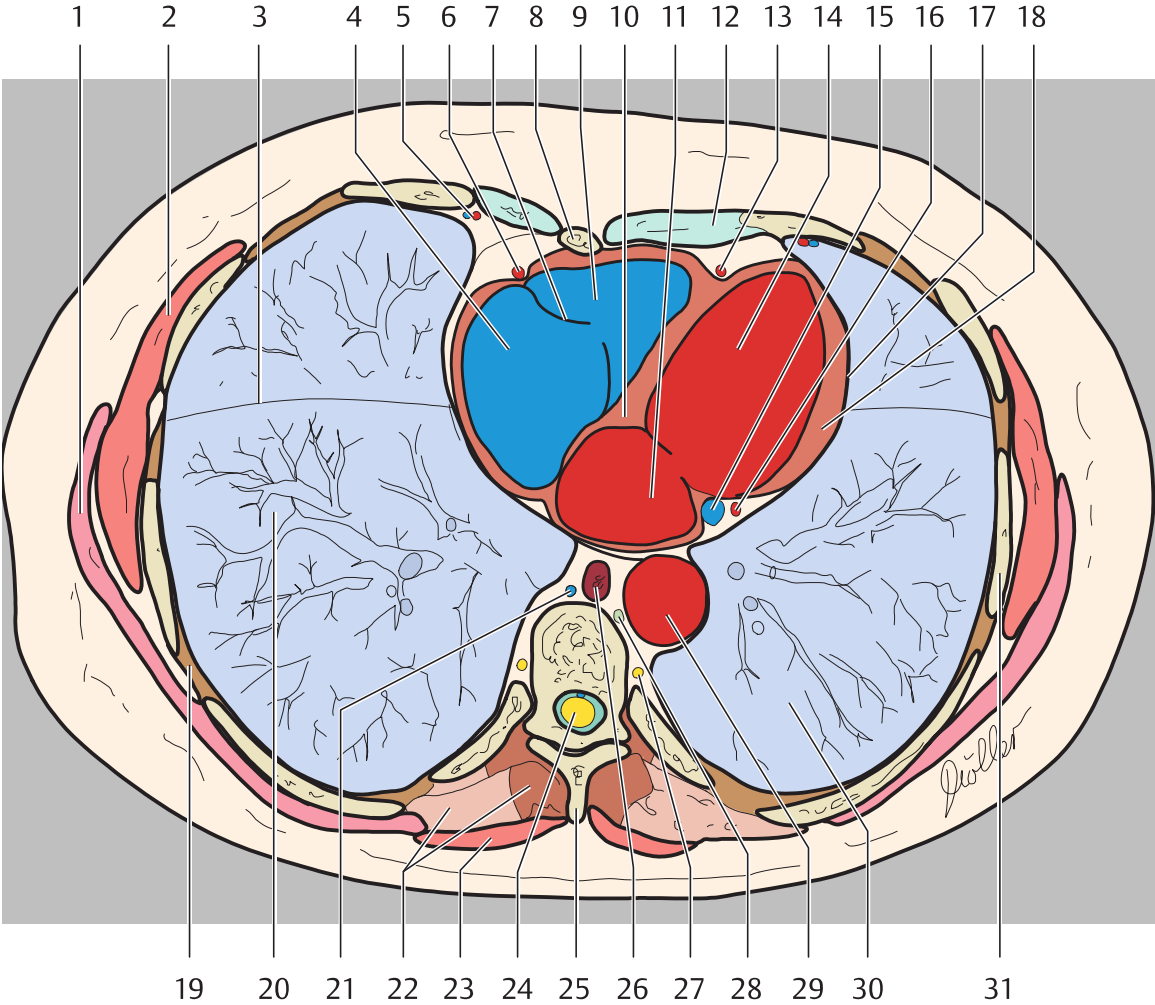


- | | |
|--|---|
| 1 Latissimus dorsi muscle | 21 Scapula |
| 2 Thoracodorsal artery | 22 Intercostal muscles |
| 3 Long thoracic nerve | 23 Rib 7 |
| 4 Serratus anterior muscle | 24 Left pulmonary vein |
| 5 Right lung | 25 Left atrium |
| 6 Crista terminalis | 26 Trapezius muscle |
| 7 Superior vena cava | 27 Erector spinae muscle, lateral tract |
| 8 Right atrium | 28 Vertebral body (T8) |
| 9 Internal thoracic artery and vein | 29 Azygos vein |
| 10 Right coronary artery | 30 Erector spinae muscle, medial tract |
| 11 Aortic valve | 31 Spinal cord |
| 12 Sternum | 32 Oesophagus |
| 13 Conus arteriosus | 33 Transverse process |
| 14 Rib 4 (costal cartilage) | 34 Costovertebral joint |
| 15 Left coronary artery | 35 Thoracic duct |
| 16 Coronary sulcus | 36 Descending aorta |
| 17 Left ventricle | 37 Left pulmonary vein |
| 18 Left coronary artery, diagonal branch | 38 Left inferior lobar bronchus |
| 19 Phrenic nerve and pericardium | 39 Oblique fissure |
| 20 Left lung | |

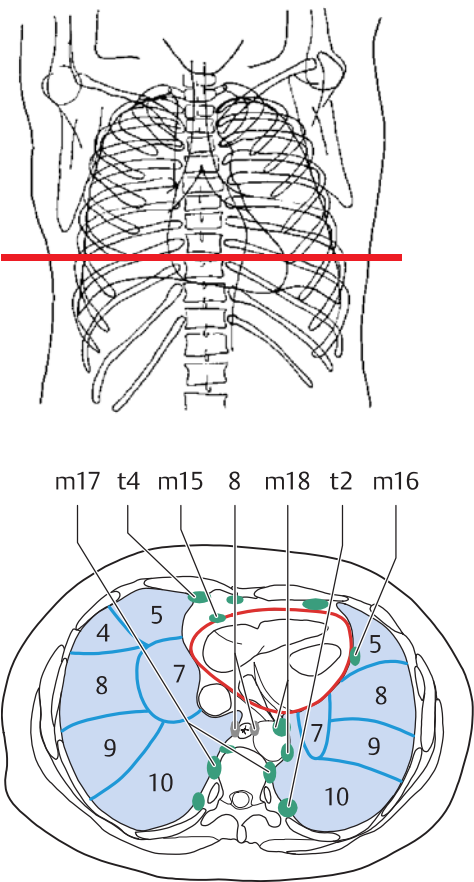
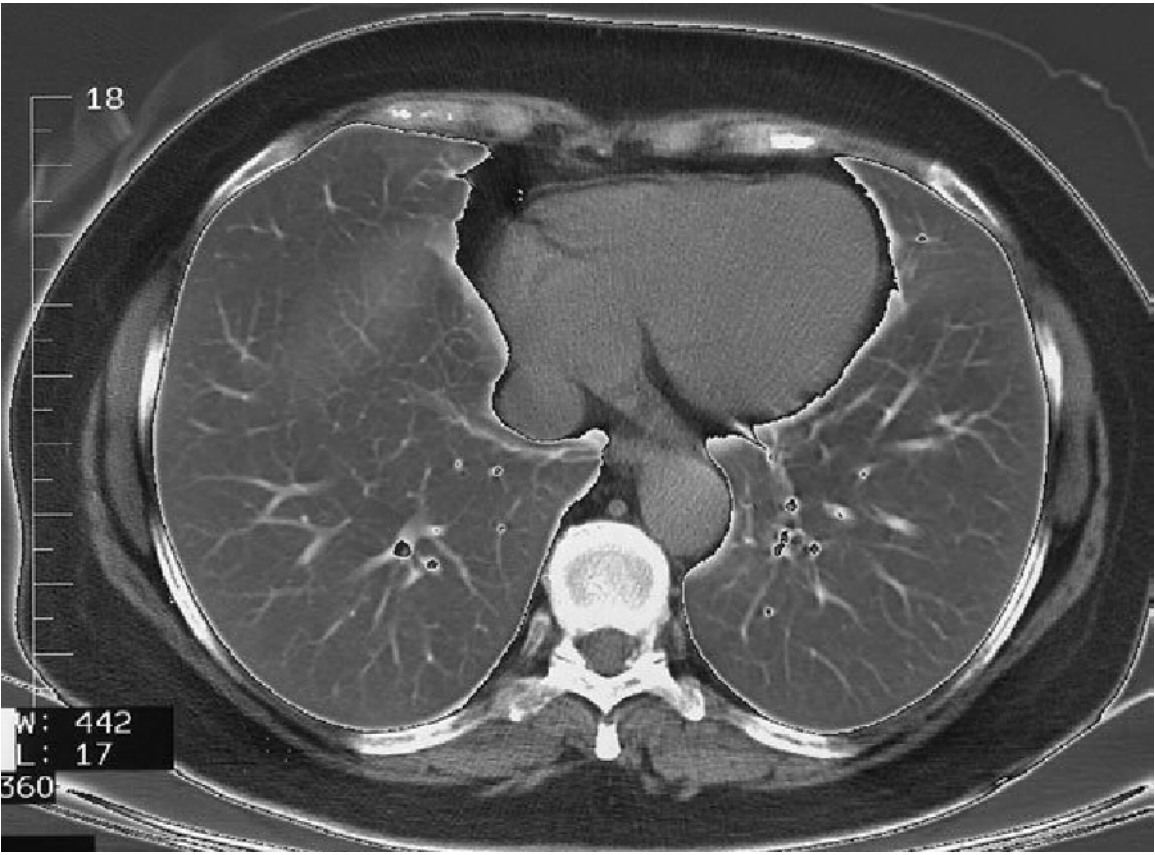


- Right Lung
- 4 Lateral segment of middle lobe
 - 5 Medial segment of middle lobe
 - 7 Medial basal (cardiac) segment of lower lobe
 - 8 Anterior basal segment of lower lobe
 - 9 Lateral basal segment of lower lobe
 - 10 Posterior basal segment of lower lobe
- Left Lung
- 5 Inferior lingular segment of upper lobe
 - 7 Medial basal (cardiac) segment of lower lobe
 - 8 Anterior basal segment of lower lobe
 - 9 Lateral basal segment of lower lobe
 - 10 Posterior basal segment of lower lobe

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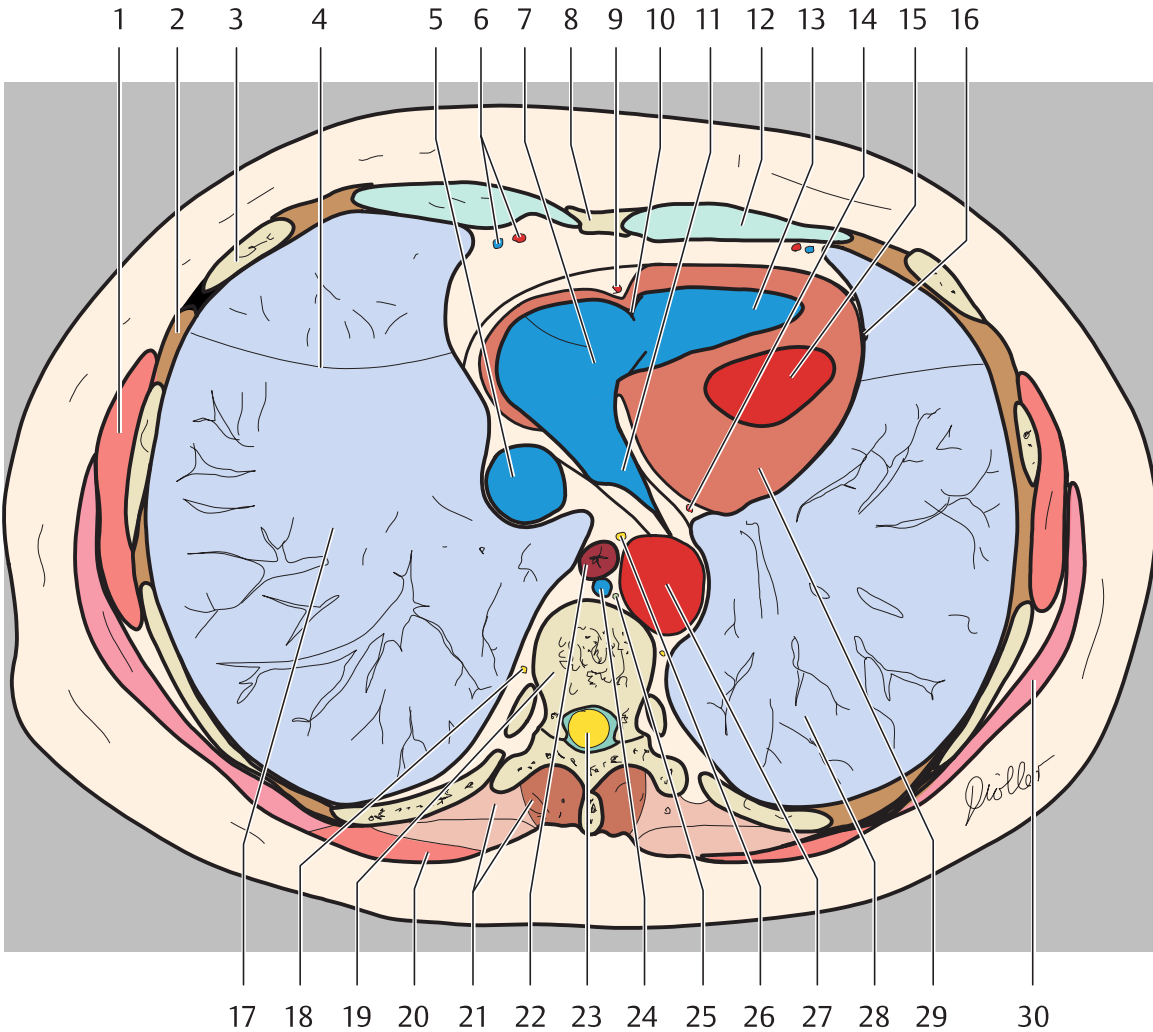
- | | |
|--|---|
| 1 Latissimus dorsi muscle | 17 Phrenic nerve and pericardium |
| 2 Serratus anterior muscle | 18 Myocardium |
| 3 Oblique fissure | 19 Intercostal muscles |
| 4 Right atrium | 20 Right lung |
| 5 Internal thoracic artery and vein | 21 Azygos vein |
| 6 Right coronary artery | 22 Erector spinae muscle, lateral and medial tracts |
| 7 Right atrioventricular (tricuspid) valve | 23 Trapezius muscle |
| 8 Sternum (body) | 24 Spinal cord |
| 9 Right ventricle | 25 Spinous process |
| 10 Interventricular septum | 26 Oesophagus |
| 11 Left atrium | 27 Sympathetic trunk |
| 12 Rib 4+5 (costal cartilage) | 28 Thoracic duct |
| 13 Left coronary artery (anterior interventricular branch) | 29 Descending aorta |
| 14 Left ventricle | 30 Left lung |
| 15 Coronary sinus | 31 Rib 7 |
| 16 Left coronary artery (circumflex branch) | |



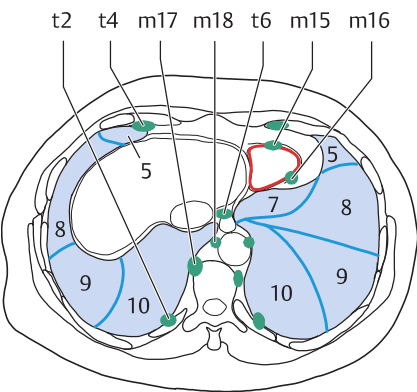
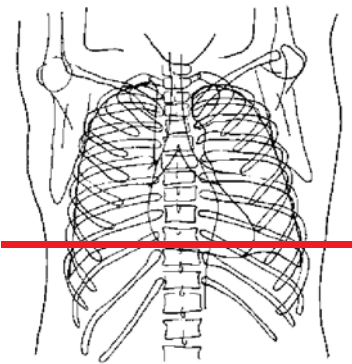
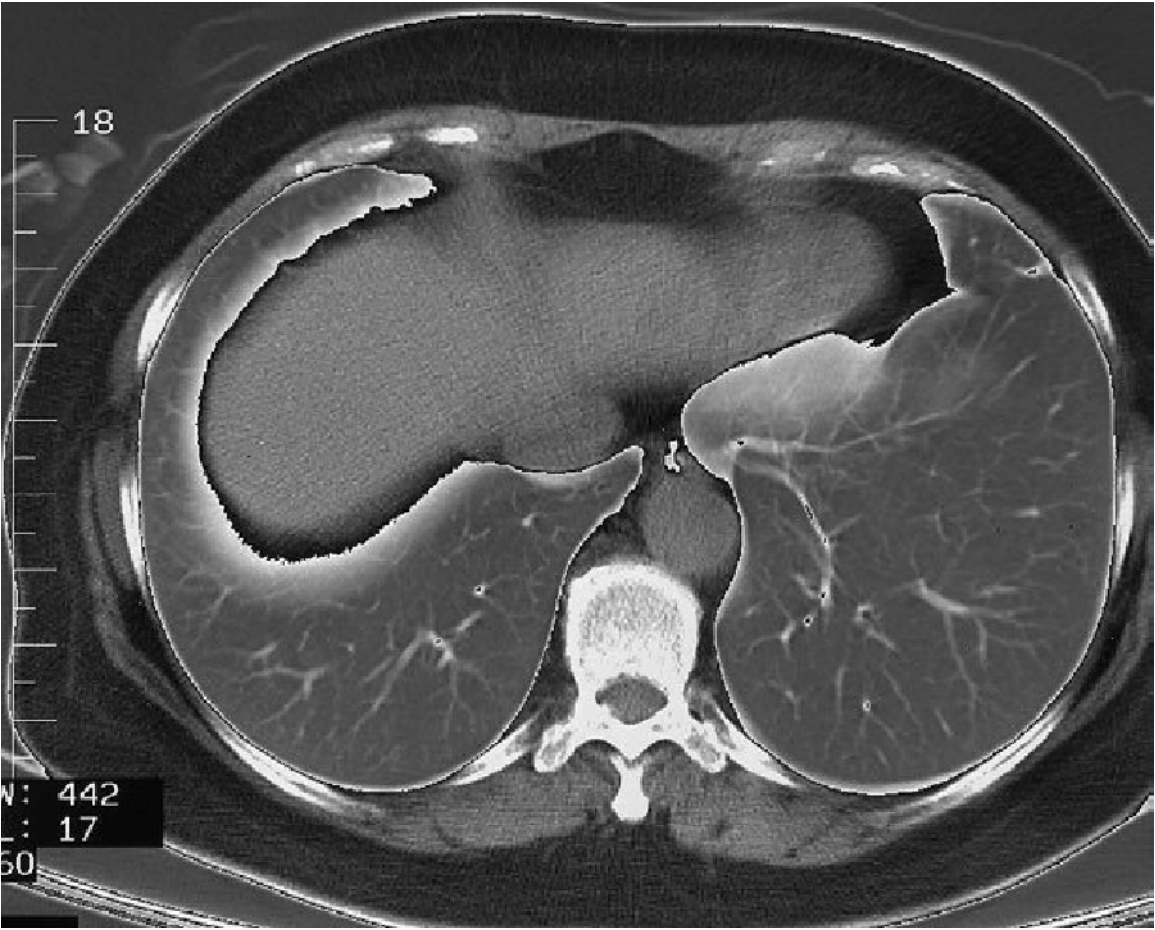
- Right Lung
- 4 Lateral segment of middle lobe
 - 5 Medial segment of middle lobe
 - 7 Medial basal (cardiac) segment of lower lobe
 - 8 Anterior basal segment of lower lobe
 - 9 Lateral basal segment of lower lobe
 - 10 Posterior basal segment of lower lobe

- Left Lung
- 5 Inferior lingular segment of upper lobe
 - 7 Medial basal (cardiac) segment of lower lobe
 - 8 Anterior basal segment of lower lobe
 - 9 Lateral basal segment of lower lobe
 - 10 Posterior basal segment of lower lobe

● = Lymph node (see inside back cover)
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- | | |
|--|---|
| 1 Latissimus dorsi muscle | 16 Phrenic nerve and pericardium |
| 2 Intercostal muscles | 17 Right lung |
| 3 Rib 6 | 18 Sympathetic trunk |
| 4 Oblique fissure | 19 Vertebral body (T10) |
| 5 Inferior vena cava | 20 Trapezius muscle |
| 6 Internal thoracic artery and vein | 21 Erector spinae muscle, lateral and medial tracts |
| 7 Right atrium | 22 Oesophagus |
| 8 Xiphoid process | 23 Spinal cord |
| 9 Right coronary artery | 24 Azygos vein |
| 10 Right atrioventricular (tricuspid) valve | 25 Thoracic duct |
| 11 Coronary sinus | 26 Vagus nerve |
| 12 Rib 5 (costal cartilage) | 27 Descending aorta |
| 13 Right ventricle | 28 Left lung |
| 14 Circumflex branch of left coronary artery | 29 Myocardium of the left ventricle |
| 15 Left ventricle | 30 Serratus anterior muscle |



Right Lung

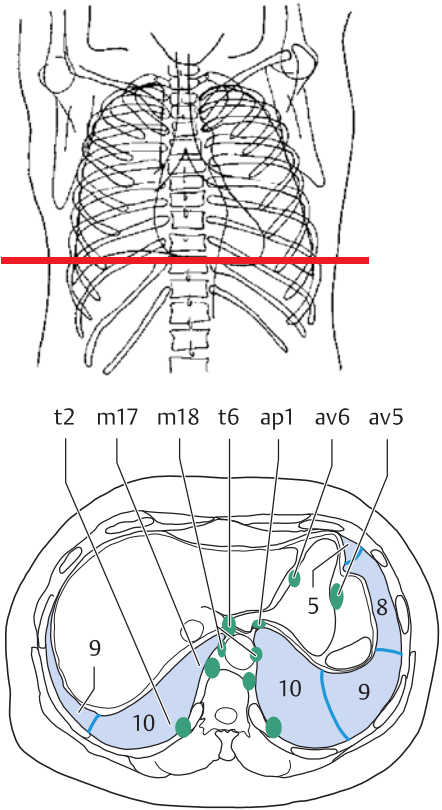
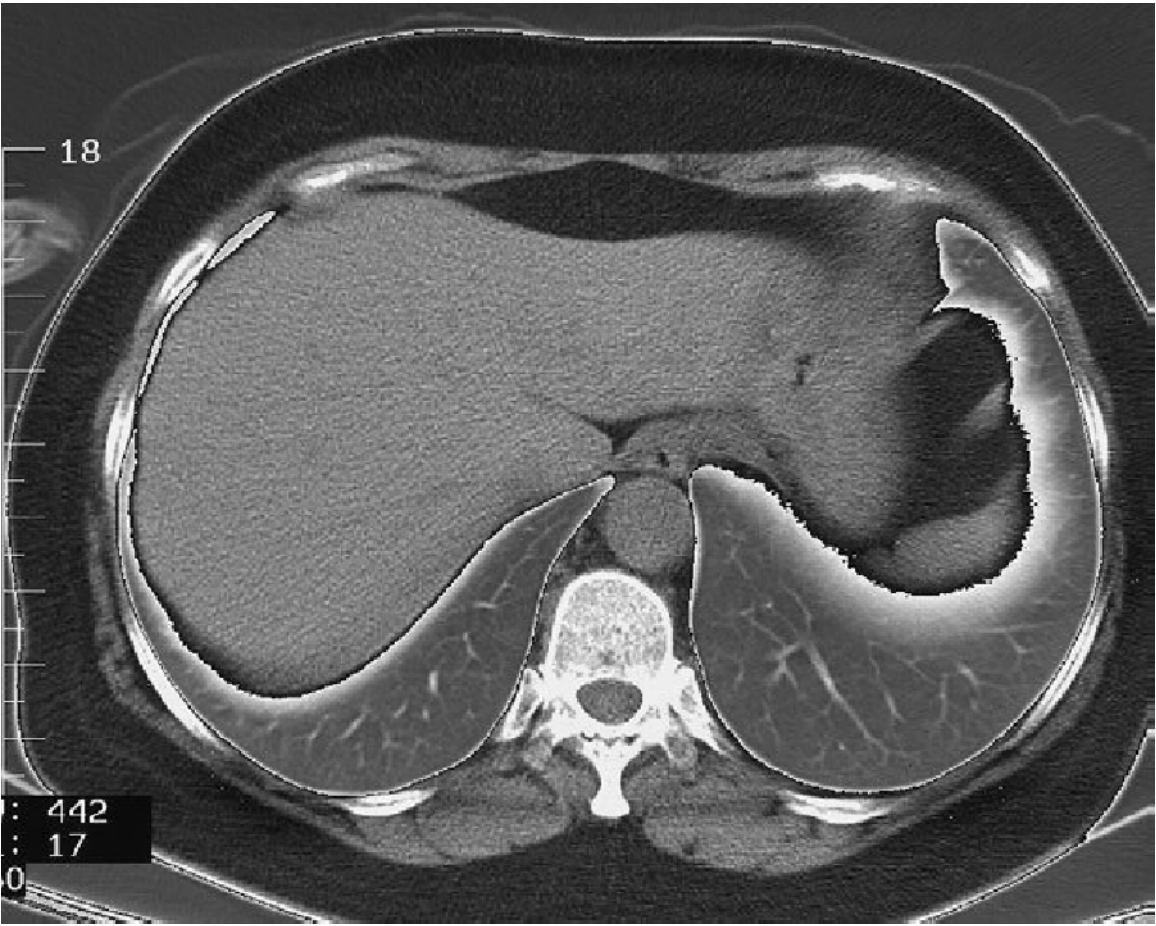
- 5 Medial segment of middle lobe
- 8 Anterior basal segment of lower lobe
- 9 Lateral basal segment of lower lobe
- 10 Posterior basal segment of lower lobe

Left Lung

- 5 Inferior lingular segment of upper lobe
- 7 Medial basal (cardiac) segment of lower lobe
- 8 Anterior basal segment of lower lobe
- 9 Lateral basal segment of lower lobe
- 10 Posterior basal segment of lower lobe

- = Lymph node (see inside back cover)
- = Borders of lung segments
- = Pericardium

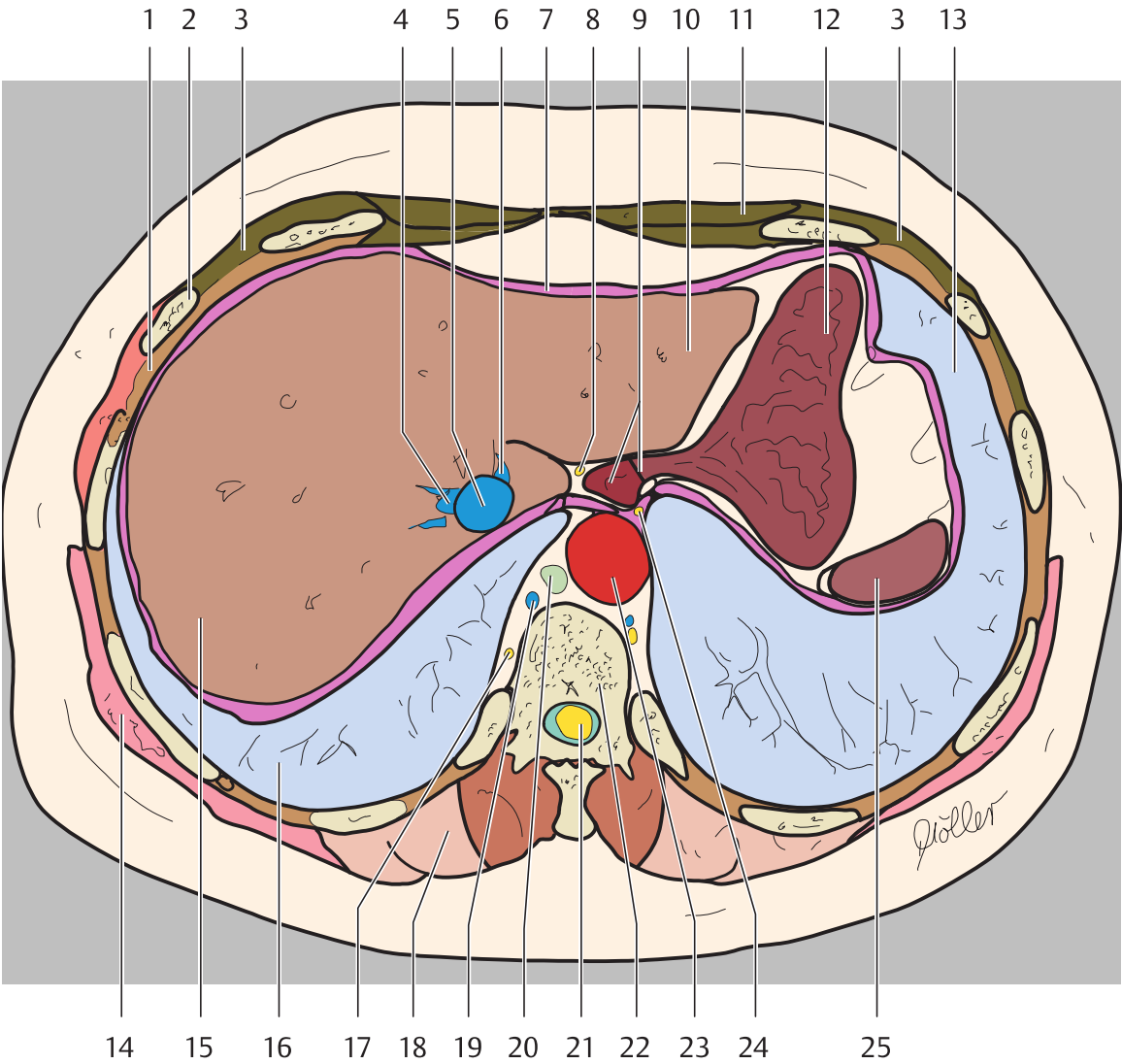




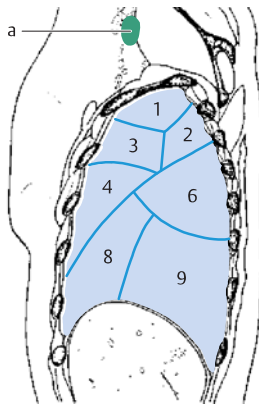
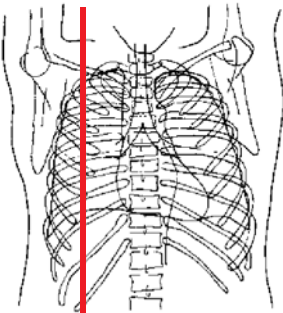
Right Lung
9 Lateral basal segment of lower lobe
10 Posterior basal segment of lower lobe

Left Lung
5 Inferior lingular segment of upper lobe
8 Anterior basal segment of lower lobe
9 Lateral basal segment of lower lobe
10 Posterior basal segment of lower lobe

● = Lymph node (see inside back cover)
— = Borders of lung segments

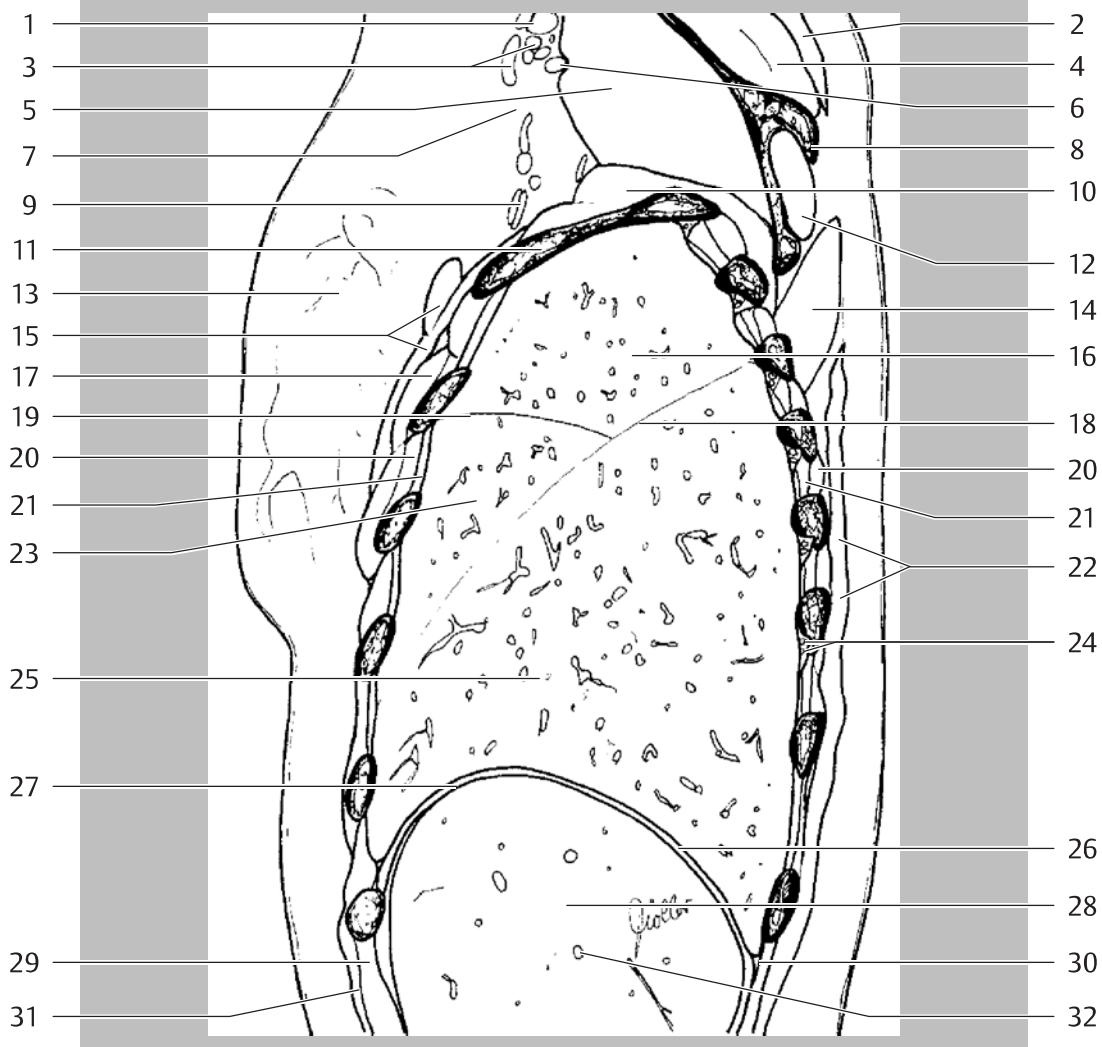


- | | |
|---|---|
| 1 Intercostal muscles | 13 Left lung |
| 2 Rib 7 | 14 Latissimus dorsi muscle |
| 3 External oblique muscle | 15 Liver (right lobe) |
| 4 Right hepatic vein | 16 Right lung |
| 5 Inferior vena cava | 17 Sympathetic trunk |
| 6 Left hepatic vein | 18 Erector spinae muscle, lateral tract |
| 7 Diaphragm | 19 Azygos vein |
| 8 Vagus nerve (anterior part, anterior vagal trunk) | 20 Thoracic duct |
| 9 Oesophagus | 21 Spinal cord |
| 10 Liver (left lobe) | 22 Vertebral body (T11) |
| 11 Rectus abdominis muscle | 23 Descending aorta |
| 12 Stomach | 24 Posterior vagal trunk |
| | 25 Spleen |

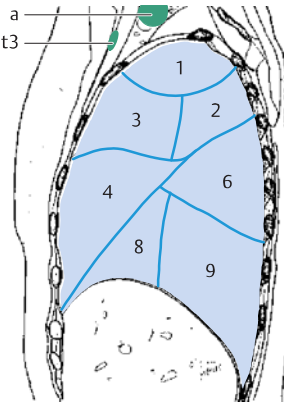
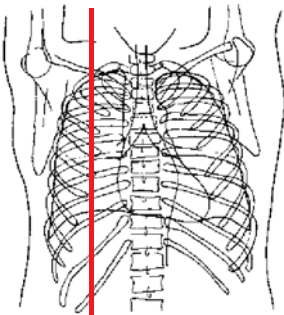
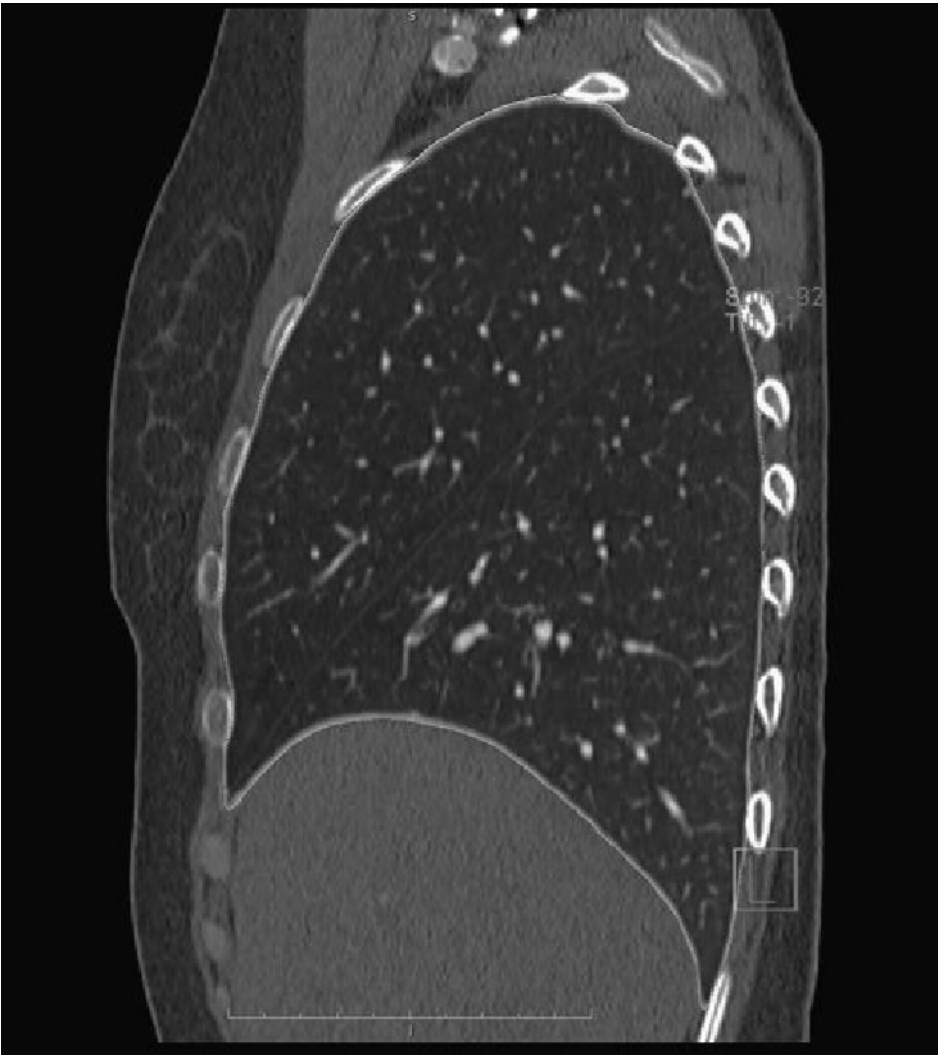


- 1 Apical segment of upper lobe
- 2 Posterior segment of upper lobe
- 3 Anterior segment of upper lobe
- 4 Lateral segment of middle lobe
- 6 Superior segment of lower lobe
- 8 Anterior basal segment of lower lobe
- 9 Lateral basal segment of lower lobe

● = Lymph node (see inside back cover)
— = Borders of lung segments

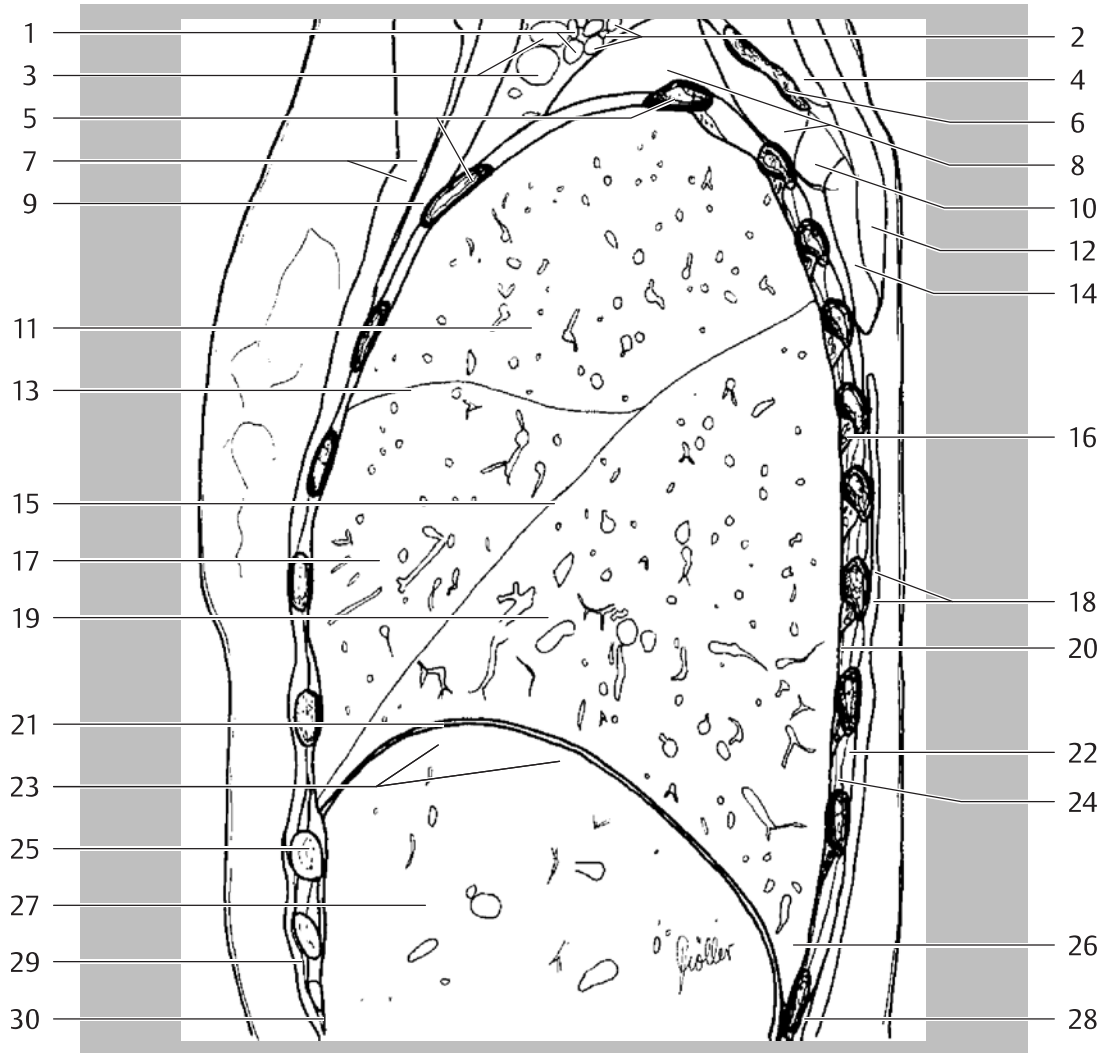


- | | |
|------------------------------------|---|
| 1 Axillary artery and vein | 18 Oblique fissure |
| 2 Trapezius muscle | 19 Horizontal fissure |
| 3 Brachial plexus | 20 External intercostal muscle |
| 4 Supraspinatus muscle | 21 Internal intercostal muscle |
| 5 Subscapularis muscle | 22 Latissimus dorsi muscle |
| 6 Subscapular artery | 23 Right lung (middle lobe) |
| 7 Axillary fossa | 24 Intercostal vein, artery, and nerve |
| 8 Spine of scapula | 25 Right lung (lower lobe) |
| 9 Lateral thoracic artery and vein | 26 Diaphragm (costal part) |
| 10 Serratus anterior muscle | 27 Diaphragm (central tendon) |
| 11 Rib 3 | 28 Liver (right lobe) |
| 12 Infraspinatus muscle | 29 Internal oblique muscle and transversus abdominis muscle |
| 13 Breast | 30 Costodiaphragmatic recess |
| 14 Rhomboid major muscle | 31 External oblique muscle |
| 15 Pectoralis major muscle | 32 Right hepatic vein |
| 16 Right lung (upper lobe) | |
| 17 Pectoralis minor muscle | |

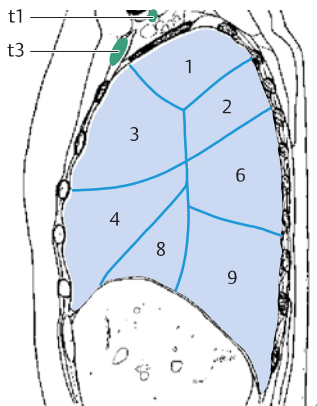
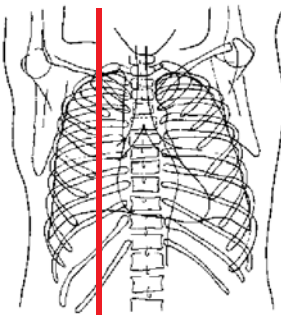
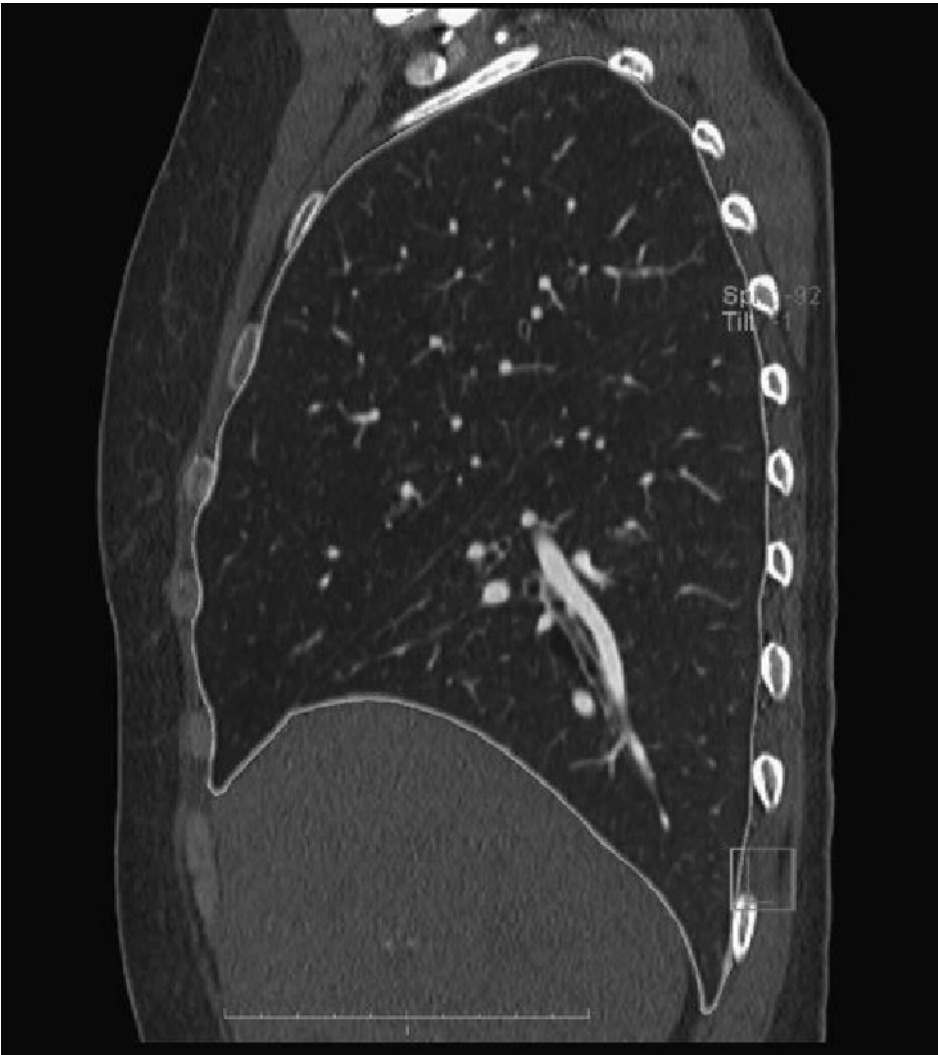


- 1 Apical segment of upper lobe
- 2 Posterior segment of upper lobe
- 3 Anterior segment of upper lobe
- 4 Lateral segment of middle lobe
- 6 Superior segment of lower lobe
- 8 Anterior basal segment of lower lobe
- 9 Lateral basal segment of lower lobe

● = Lymph node (see inside back cover)
— = Borders of lung segments

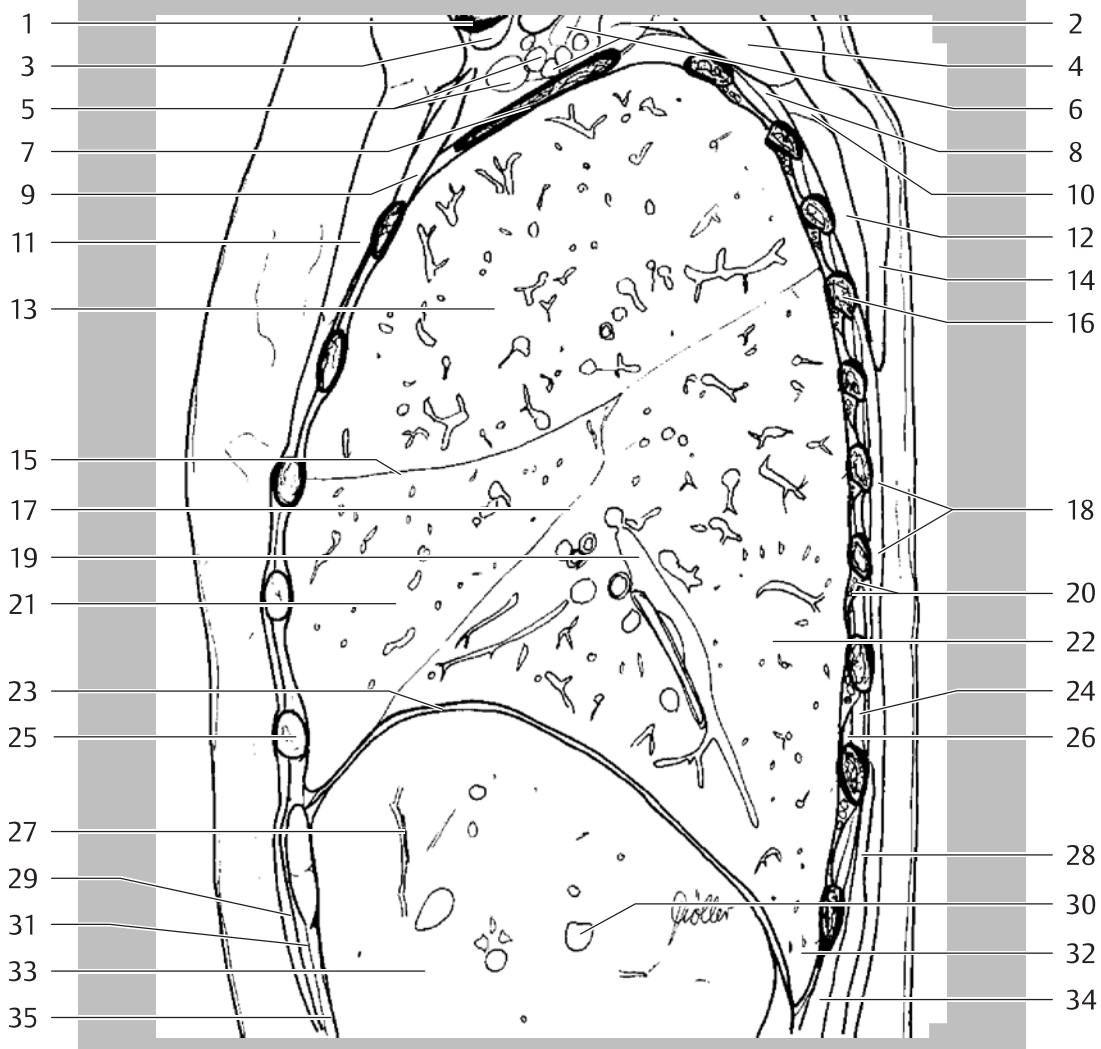


- | | |
|--|---|
| 1 Brachial plexus | 17 Right lung (middle lobe) |
| 2 Subscapular artery and vein | 18 Latissimus dorsi muscle |
| 3 Axillary artery and vein | 19 Right lung (lower lobe) |
| 4 Supraspinatus muscle | 20 Innermost intercostal muscle |
| 5 Rib 2 | 21 Diaphragm |
| 6 Scapula (medial border) | 22 External intercostal muscle |
| 7 Pectoralis major muscle | 23 Liver (superior part) |
| 8 Serratus anterior muscle | 24 Internal intercostal muscle |
| 9 Pectoralis minor muscle | 25 Rib 7 (costal cartilage) |
| 10 Serratus posterior superior muscle | 26 Costodiaphragmatic recess |
| 11 Right lung (upper lobe) | 27 Liver (right lobe) |
| 12 Trapezius muscle | 28 Serratus posterior inferior muscle |
| 13 Horizontal fissure | 29 External oblique muscle |
| 14 Rhomboid major muscle | 30 Internal oblique muscle and transversus abdominis muscle |
| 15 Oblique fissure | |
| 16 Intercostal vein, artery, and nerve | |

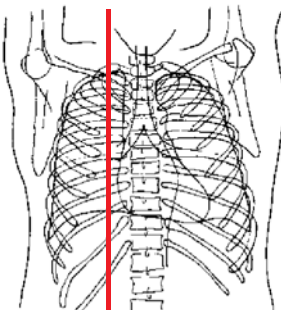


- 1 Apical segment of upper lobe
- 2 Posterior segment of upper lobe
- 3 Anterior segment of upper lobe
- 4 Lateral segment of middle lobe
- 6 Superior segment of lower lobe
- 8 Anterior basal segment of lower lobe
- 9 Lateral basal segment of lower lobe

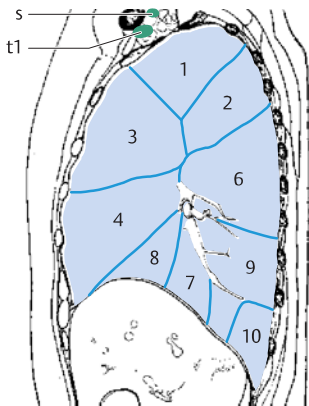
● = Lymph node (see inside back cover)
— = Borders of lung segments



- | | |
|--------------------------------------|---|
| 1 Clavicle | 19 Common basal artery of right inferior pulmonary artery |
| 2 Middle scalene muscle | 20 Intercoastal vein, artery, and nerve |
| 3 Subclavius muscle | 21 Right lung (middle lobe) |
| 4 Levator scapulae muscle | 22 Right lung (lower lobe) |
| 5 Subclavian artery and vein | 23 Diaphragm |
| 6 Brachial plexus | 24 External intercoastal muscle |
| 7 Rib 1 | 25 Rib 6 (costal cartilage) |
| 8 Serratus posterior superior muscle | 26 Internal intercoastal muscle |
| 9 Pectoralis minor muscle | 27 Branch of portal vein |
| 10 Rhomboid minor muscle | 28 Serratus posterior inferior muscle |
| 11 Pectoralis major muscle | 29 External oblique muscle |
| 12 Rhomboid major muscle | 30 Branch of right hepatic vein |
| 13 Right lung (upper lobe) | 31 Internal oblique muscle |
| 14 Trapezius muscle | 32 Costodiaphragmatic recess |
| 15 Horizontal fissure | 33 Liver (right lobe) |
| 16 Rib 5 (posterior part) | 34 Erector spinae muscle (lateral tract) |
| 17 Oblique fissure | 35 Transversus abdominis muscle |
| 18 Latissimus dorsi muscle | |

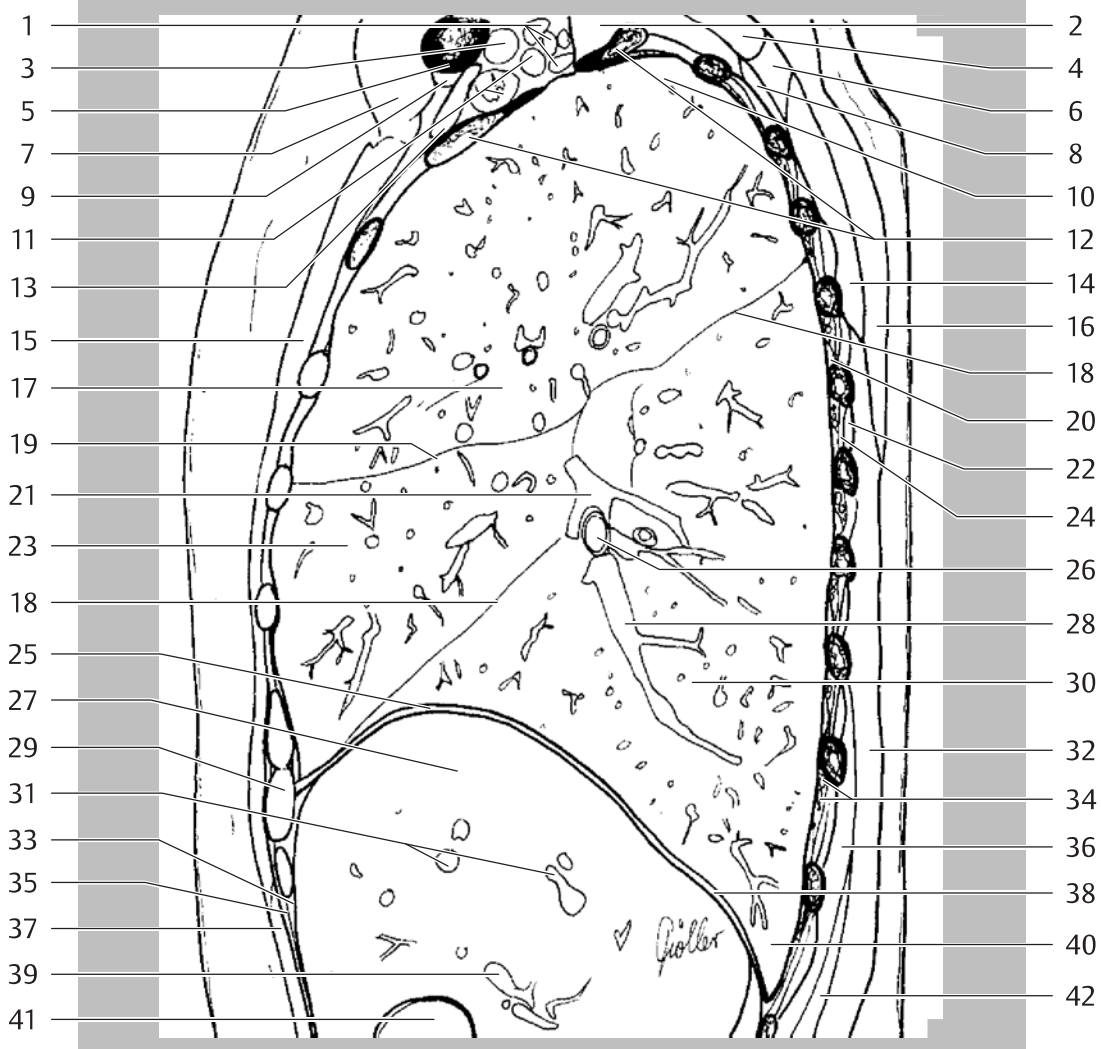


- 1 Cervical plexus
- 2 Middle scalene muscle
- 3 External jugular vein
- 4 Levator scapulae muscle
- 5 Clavicle
- 6 Rhomboid minor muscle
- 7 Pectoralis major muscle (clavicular part)

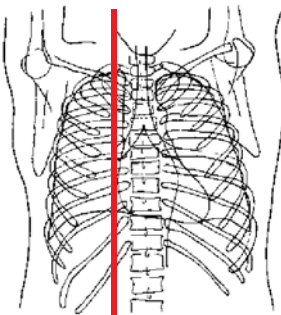


- 1 Apical segment of upper lobe
- 2 Posterior segment of upper lobe
- 3 Anterior segment of upper lobe
- 4 Lateral segment of middle lobe
- 6 Superior segment of lower lobe
- 7 Medial basal segment of lower lobe
- 8 Anterior basal segment of lower lobe
- 9 Lateral basal segment of lower lobe
- 10 Posterior basal segment of lower lobe

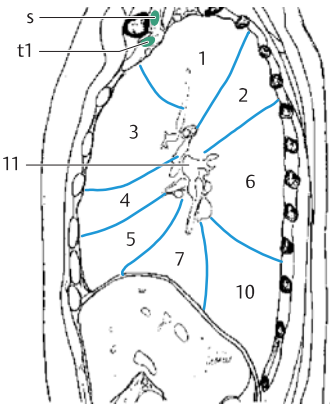
● = Lymph node (see inside back cover)
— = Borders of lung segments



- | | |
|--|---|
| 8 Serratus posterior superior muscle | 25 Diaphragm (central tendon) |
| 9 Subclavius muscle | 26 Inferior lobar bronchus |
| 10 Lung (apex) | 27 Liver (right lobe) |
| 11 Subclavian artery and vein | 28 Common basal vein of right inferior pulmonary vein |
| 12 Rib 1 | 29 Rib 7 (costal cartilage) |
| 13 Anterior scalene muscle | 30 Right lung (lower lobe) |
| 14 Rhomboid major muscle | 31 Branch of right hepatic vein |
| 15 Pectoralis major muscle (sternocostal part) | 32 Latissimus dorsi muscle |
| 16 Trapezius muscle | 33 Transversus abdominis muscle |
| 17 Right lung (upper lobe) | 34 Intercostal vein, artery, and nerve |
| 18 Oblique fissure | 35 Rectus abdominis muscle |
| 19 Horizontal fissure | 36 Erector spinae muscle (lateral tract) |
| 20 Innermost intercostal muscle | 37 External oblique muscle |
| 21 Common trunk of anterior, lateral, posterior, and medial basal segmental arteries | 38 Diaphragm (costal part) |
| 22 External intercostal muscle | 39 Branch of portal vein |
| 23 Right lung (middle lobe) | 40 Costodiaphragmatic recess |
| 24 Internal intercostal muscle | 41 Gallbladder |
| | 42 Serratus posterior inferior muscle |

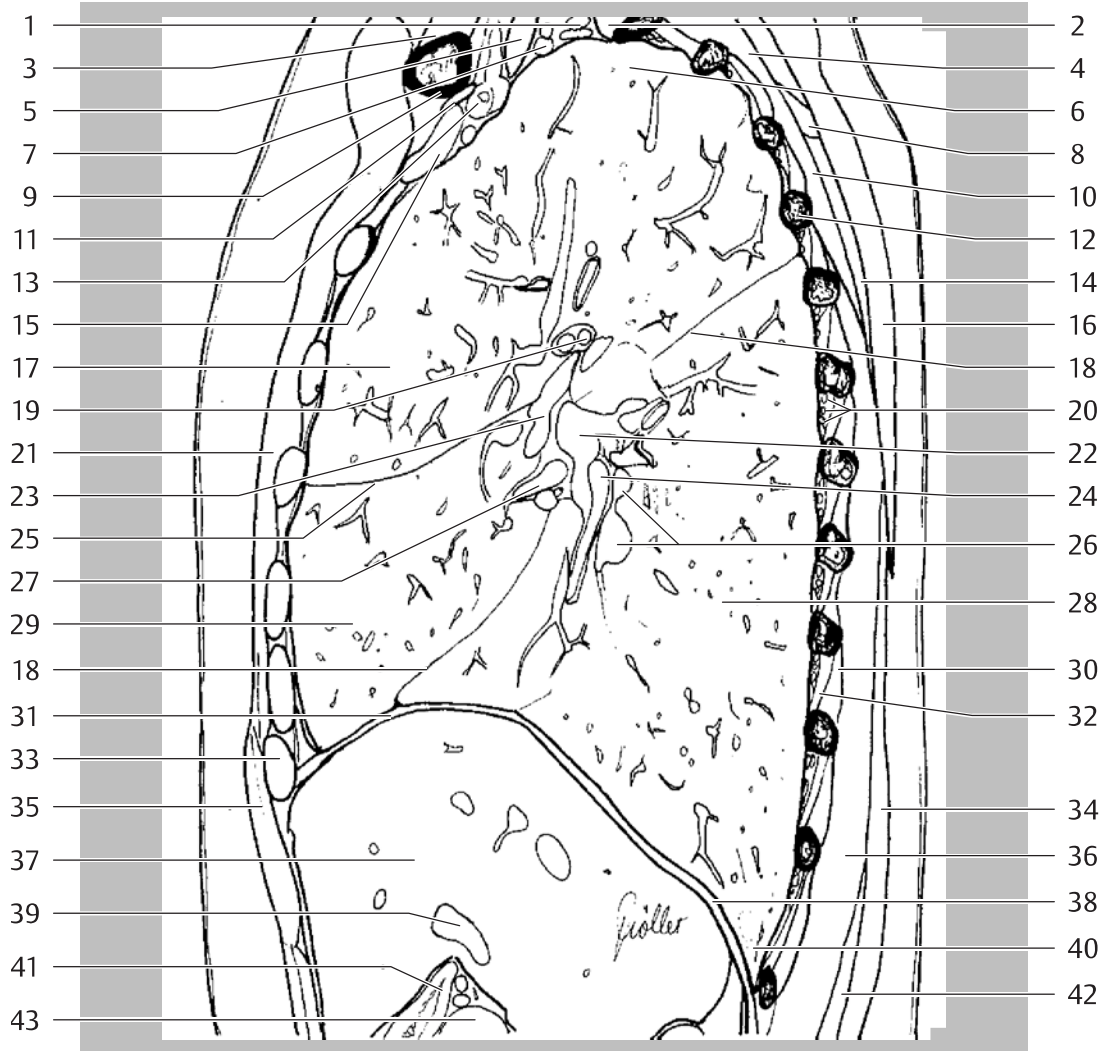


- 1 Cervical plexus
- 2 Middle scalene muscle
- 3 Sternocleidomastoid muscle
- 4 Levator scapulae muscle
- 5 Anterior scalene muscle
- 6 Lung (apex)
- 7 Subclavian artery

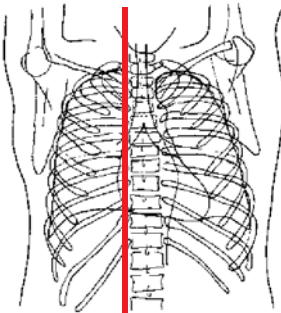


- 1 Apical segment of upper lobe
- 2 Posterior segment of upper lobe
- 3 Anterior segment of upper lobe
- 4 Lateral segment of middle lobe
- 5 Medial segment of middle lobe
- 6 Superior segment of lower lobe
- 7 Medial basal segment of lower lobe
- 10 Posterior basal segment of lower lobe

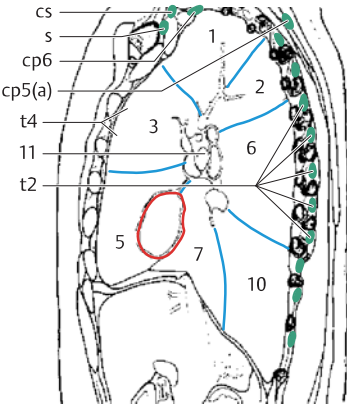
● = Lymph node (see inside back cover)
— = Borders of lung segments



- | | |
|---|--|
| 8 Rhomboid minor muscle | 26 Common basal vein of right inferior pulmonary veins |
| 9 Clavicle | 27 Right middle lobar bronchus |
| 10 Serratus posterior superior muscle | 28 Right lung (lower lobe) |
| 11 Subclavius muscle | 29 Right lung (middle lobe) |
| 12 Rib 4 (posterior part) | 30 External intercostal muscle |
| 13 Subclavian vein | 31 Diaphragm (central tendon) |
| 14 Rhomboid major muscle | 32 Internal intercostal muscle |
| 15 Rib 1 (costal cartilage) | 33 Rib 7 (costal cartilage) |
| 16 Trapezius muscle | 34 Latissimus dorsi muscle |
| 17 Right lung (upper lobe) | 35 Rectus abdominis muscle |
| 18 Oblique fissure | 36 Erector spinae muscle (lateral tract) |
| 19 Right superior lobar bronchus | 37 Liver (right lobe) |
| 20 Intercostal vein, artery, and nerve | 38 Diaphragm (costal part) |
| 21 Pectoralis major muscle (sternal part) | 39 Portal vein (right main branch) |
| 22 Inferior pulmonary artery | 40 Costodiaphragmatic recess |
| 23 Middle lobar vein | 41 Gallbladder |
| 24 Right inferior lobar bronchus | 42 Serratus posterior inferior muscle |
| 25 Horizontal fissure | 43 Duodenum |

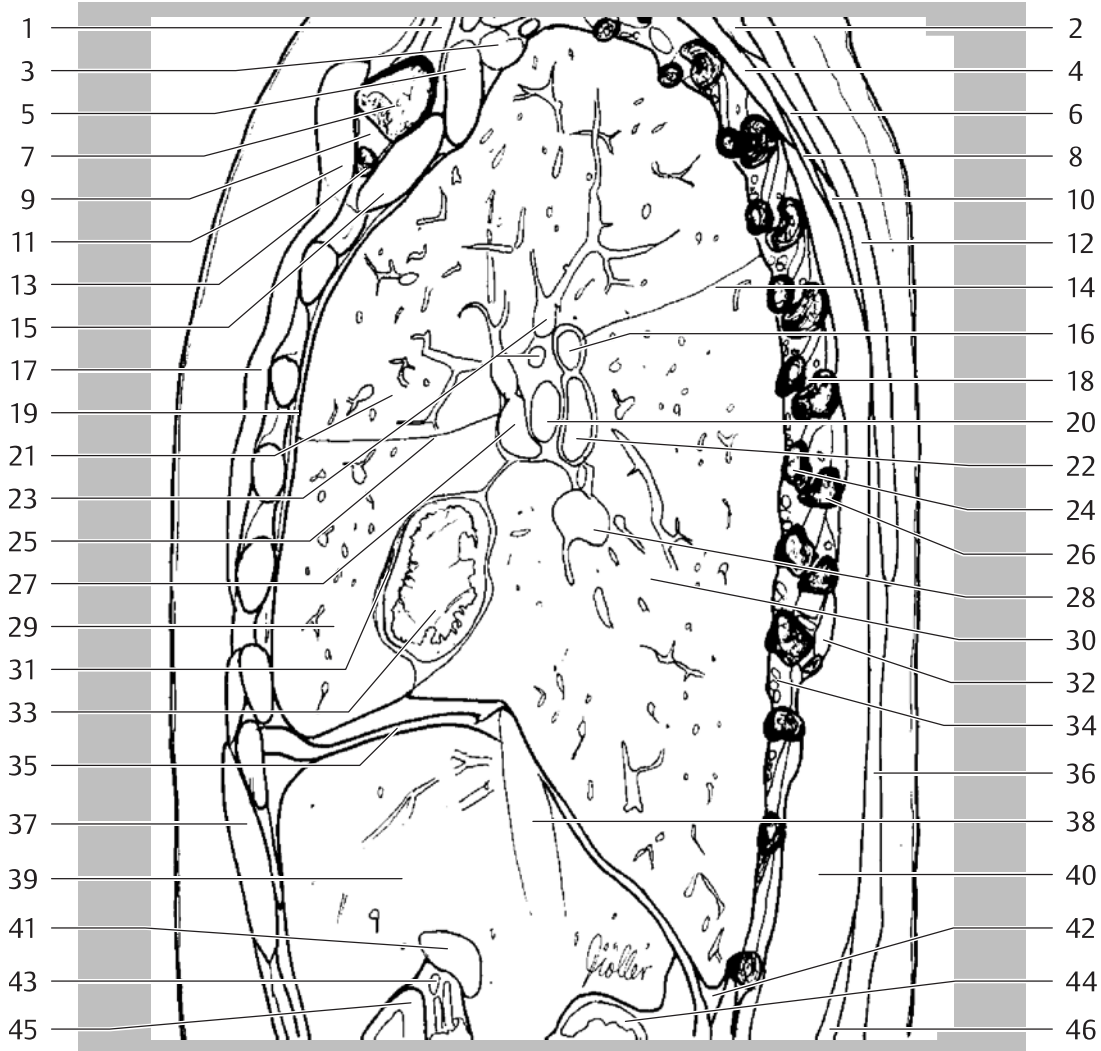


- 1 Sternocleidomastoid muscle
- 2 Levator scapulae muscle
- 3 Subclavian artery
- 4 Splenius cervicis muscle and splenius capitis muscle
- 5 Subclavian vein
- 6 Rhomboid minor muscle

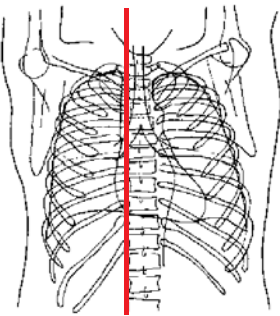


- 1 Apical segment of upper lobe
- 2 Posterior segment of upper lobe
- 3 Anterior segment of upper lobe
- 5 Medial segment of middle lobe
- 6 Superior segment of lower lobe
- 7 Medial basal segment of lower lobe
- 10 Posterior basal segment of lower lobe

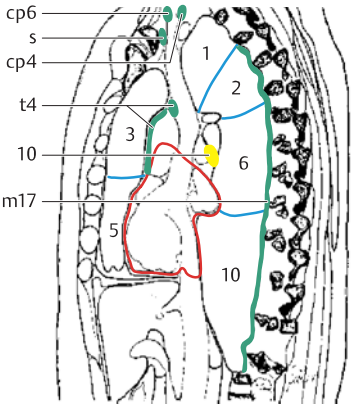
- = Lymph node (see inside back cover)
- = Borders of lung segments
- = Pericardium



- | | |
|--|--|
| 7 Clavicle | 26 Transverse process |
| 8 Serratus posterior superior muscle | 27 Right superior pulmonary vein |
| 9 Sternoclavicular joint | 28 Right inferior pulmonary vein |
| 10 Rhomboid major muscle | 29 Right lung (middle lobe) |
| 11 Pectoralis major muscle (clavicular part) | 30 Right lung (lower lobe) |
| 12 Trapezius muscle | 31 Right coronary artery |
| 13 Sternum (manubrium) | 32 Intertransversarii muscles |
| 14 Oblique fissure | 33 Right ventricle |
| 15 Rib 1 (costal cartilage) | 34 Posterior intercostal artery and vein (dorsal branch) |
| 16 Right superior lobar bronchus | 35 Diaphragm |
| 17 Pectoralis major muscle (sternocostal part) | 36 Latissimus dorsi muscle |
| 18 Costotransverse joint | 37 Rectus abdominis muscle |
| 19 Internal thoracic artery | 38 Inferior vena cava |
| 20 Right pulmonary artery (main trunk of inferior lobar and middle lobar segmental arteries) | 39 Liver (right lobe) |
| 21 Right lung (upper lobe) | 40 Erector spinae muscle (lateral tract) |
| 22 Right inferior lobar bronchus | 41 Portal vein |
| 23 Right pulmonary artery (superior lobar arteries) | 42 Costodiaphragmatic recess |
| 24 Tubercle of rib 7 | 43 Hepatic artery |
| 25 Horizontal fissure | 44 Suprarenal gland |
| | 45 Duodenum |
| | 46 Serratus posterior inferior muscle |

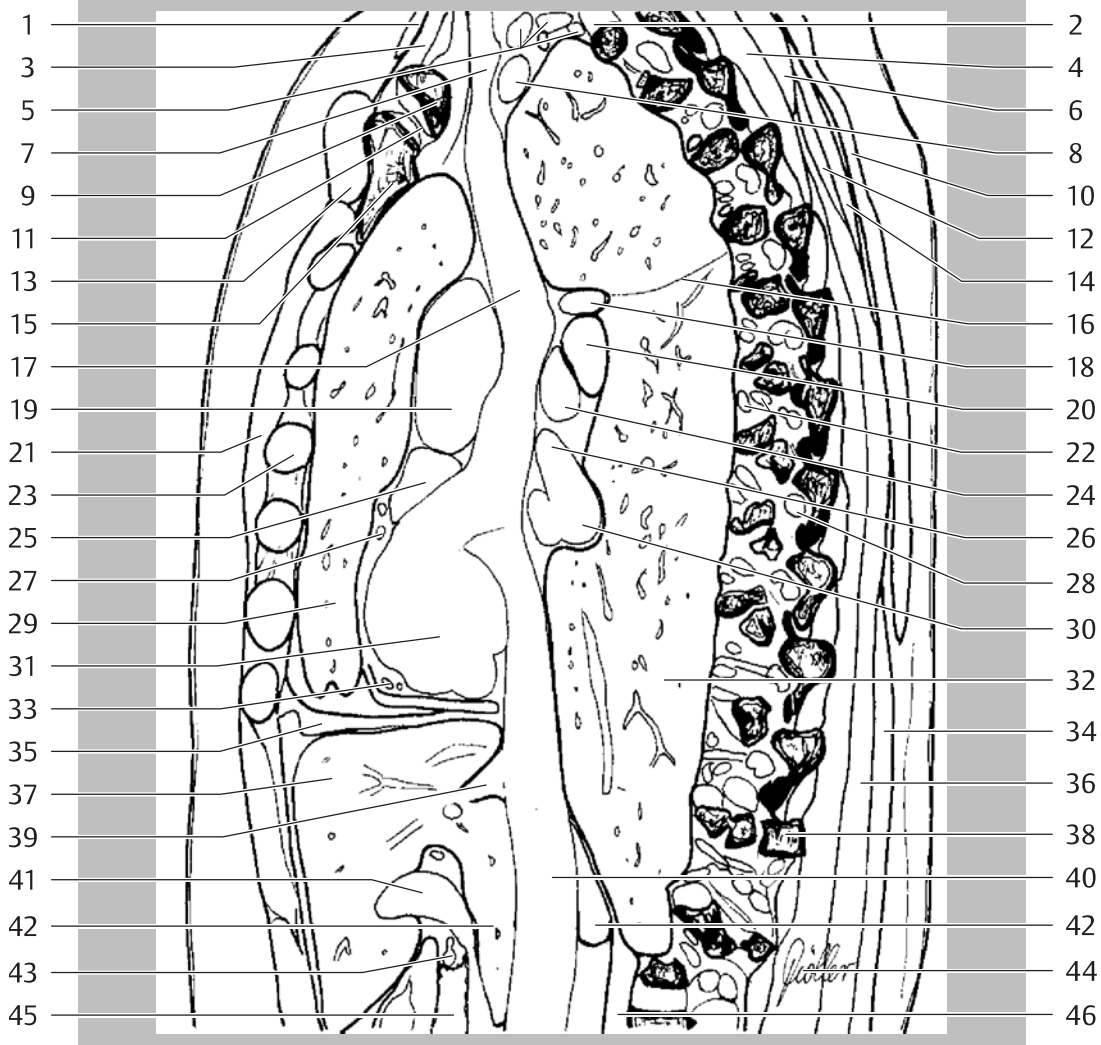


- 1 Sternocleidomastoid muscle
- 2 Middle scalene muscle
- 3 Sternohyoid muscle
- 4 Spinalis cervicis muscle and multifidus muscle
- 5 Cervical plexus



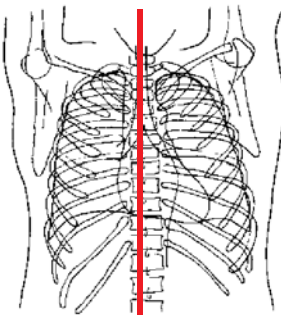
- 1 Apical segment of upper lobe
- 2 Posterior segment of upper lobe
- 3 Anterior segment of upper lobe
- 5 Medial segment of middle lobe
- 6 Superior segment of lower lobe
- 10 Posterior basal segment of lower lobe

● ● = Lymph node (see inside back cover)
— = Borders of lung segments
— = Pericardium

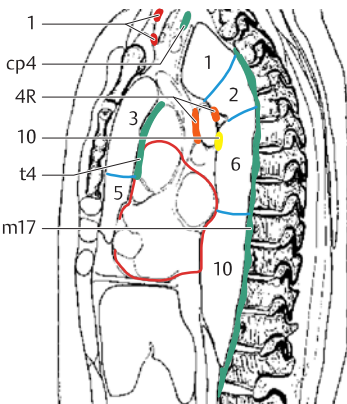


- 6 Splenius cervicis muscle and splenius capitis muscle
- 7 Internal jugular vein
- 8 Right subclavian artery
- 9 Clavicle
- 10 Trapezius muscle
- 11 Sternoclavicular joint
- 12 Serratus posterior superior muscle
- 13 Pectoralis major muscle (clavicular part)
- 14 Rhomboid major muscle
- 15 Sternum (manubrium)
- 16 Oblique fissure
- 17 Superior vena cava
- 18 Azygos vein
- 19 Ascending aorta
- 20 Right main bronchus
- 21 Pectoralis major muscle (sternocostal part)
- 22 Posterior intercostal artery and vein (dorsal branch)
- 23 Rib 4 (costal cartilage)
- 24 Right pulmonary artery
- 25 Right atrium (auricle)

- 26 Left atrium
- 27 Right coronary artery
- 28 Spinal ganglion
- 29 Right lung
- 30 Right inferior pulmonary vein
- 31 Right atrium
- 32 Right lung (lower lobe)
- 33 Right coronary artery (right marginal branch)
- 34 Latissimus dorsi muscle
- 35 Diaphragm (costal part)
- 36 Erector spinae muscle
- 37 Liver (left lobe)
- 38 Transverse process
- 39 Hepatic veins
- 40 Inferior vena cava
- 41 Portal veins (left branch)
- 42 Liver (caudate lobe)
- 43 Hepatic artery
- 44 Multifidus muscle
- 45 Pancreas
- 46 Diaphragm (lumbar part)

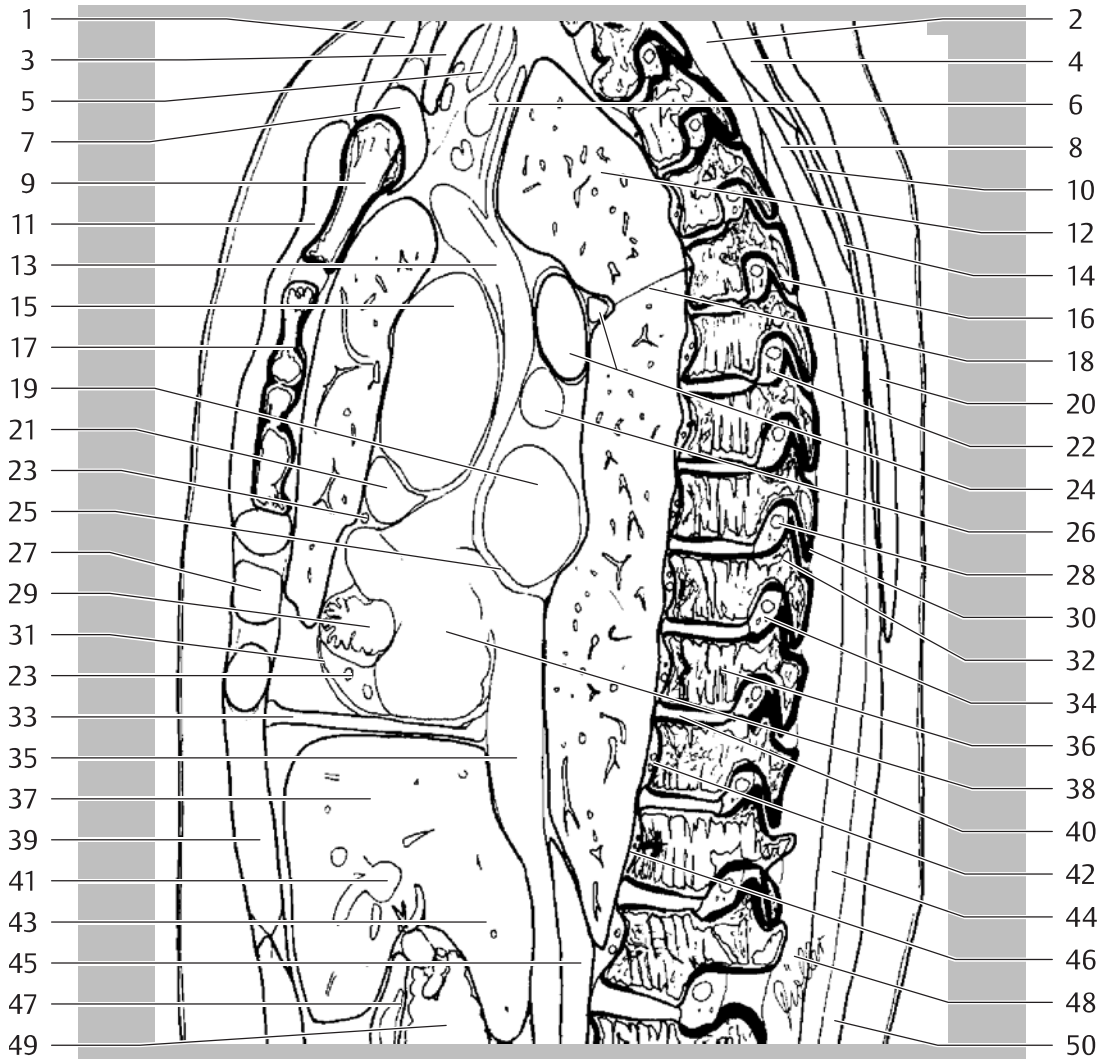


- 1 Sternocleidomastoid muscle
- 2 Semispinalis capitis muscle
- 3 Anterior scalene muscle
- 4 Spinalis cervicis muscle and multifidus muscle
- 5 Vertebral artery
- 6 Right subclavian artery
- 7 Sternoclavicular joint

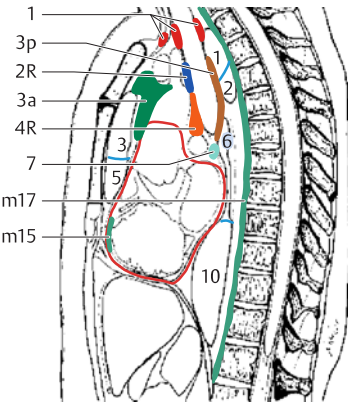
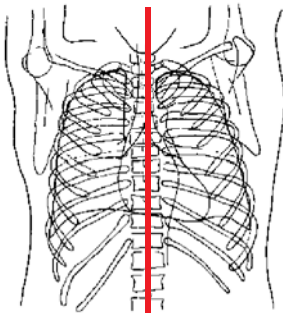


- 1 Apical segment of upper lobe
- 2 Posterior segment of upper lobe
- 3 Anterior segment of upper lobe
- 5 Medial segment of middle lobe
- 6 Superior segment of lower lobe
- 10 Posterior basal segment of lower lobe

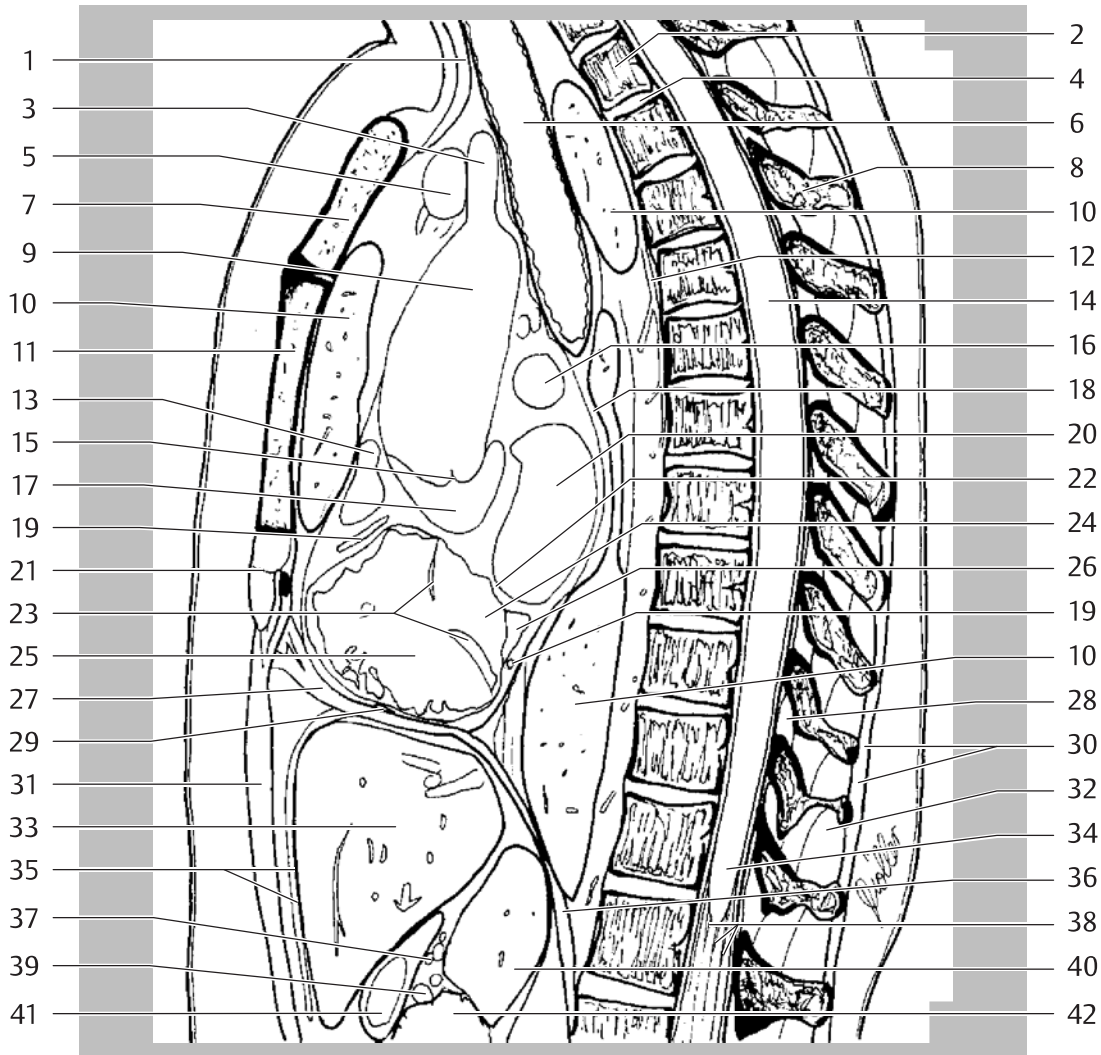
● ● ● ● = Lymph node (see inside back cover)
— = Borders of lung segments
— = Pericardium



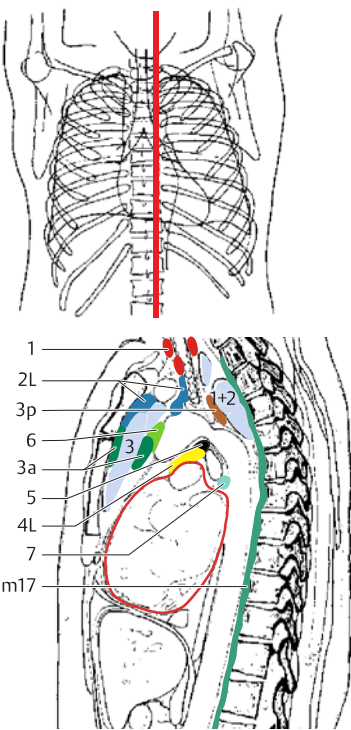
- | | | | |
|----|-------------------------------------|----|---|
| 8 | Spinalis thoracis muscle | 31 | Pericardial cavity |
| 9 | Sternum (manubrium) | 32 | Superior articular process |
| 10 | Serratus posterior superior muscle | 33 | Diaphragm |
| 11 | Pectoralis major muscle | 34 | Intervertebral (neural) foramen |
| 12 | Right lung | 35 | Inferior vena cava |
| 13 | Superior vena cava | 36 | Vertebral body (T8) |
| 14 | Rhomboid major muscle | 37 | Liver (left lobe) |
| 15 | Ascending aorta | 38 | Right atrium |
| 16 | Zygapophysial joint | 39 | Rectus abdominis muscle |
| 17 | Sternum (body) | 40 | Intervertebral disk |
| 18 | Oblique fissure | 41 | Portal vein (left branch) |
| 19 | Left atrium | 42 | Posterior intercostal artery and vein (dorsal branch) |
| 20 | Trapezius muscle | 43 | Liver (caudate lobe) |
| 21 | Right atrial appendage (auricle) | 44 | Erector spinae muscle |
| 22 | Intervertebral veins | 45 | Diaphragm (lumbar part) |
| 23 | Right coronary artery | 46 | Anterior longitudinal ligament |
| 24 | Right main bronchus and azygos vein | 47 | Duodenum |
| 25 | Interatrial septum | 48 | Semispinalis thoracis muscle and multifidus muscle |
| 26 | Right pulmonary artery | 49 | Pancreas |
| 27 | Rib 6 (costal cartilage) | 50 | Latissimus dorsi muscle |
| 28 | Spinal ganglion | | |
| 29 | Right ventricle | | |
| 30 | Inferior articular process | | |



- 1 Apical segment of upper lobe
 - 2 Posterior segment of upper lobe
 - 3 Anterior segment of upper lobe
 - 5 Medial segment of middle lobe
 - 6 Superior segment of lower lobe
 - 10 Posterior basal segment of lower lobe
- ● ● = Lymph node
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- = Borders of lung segments
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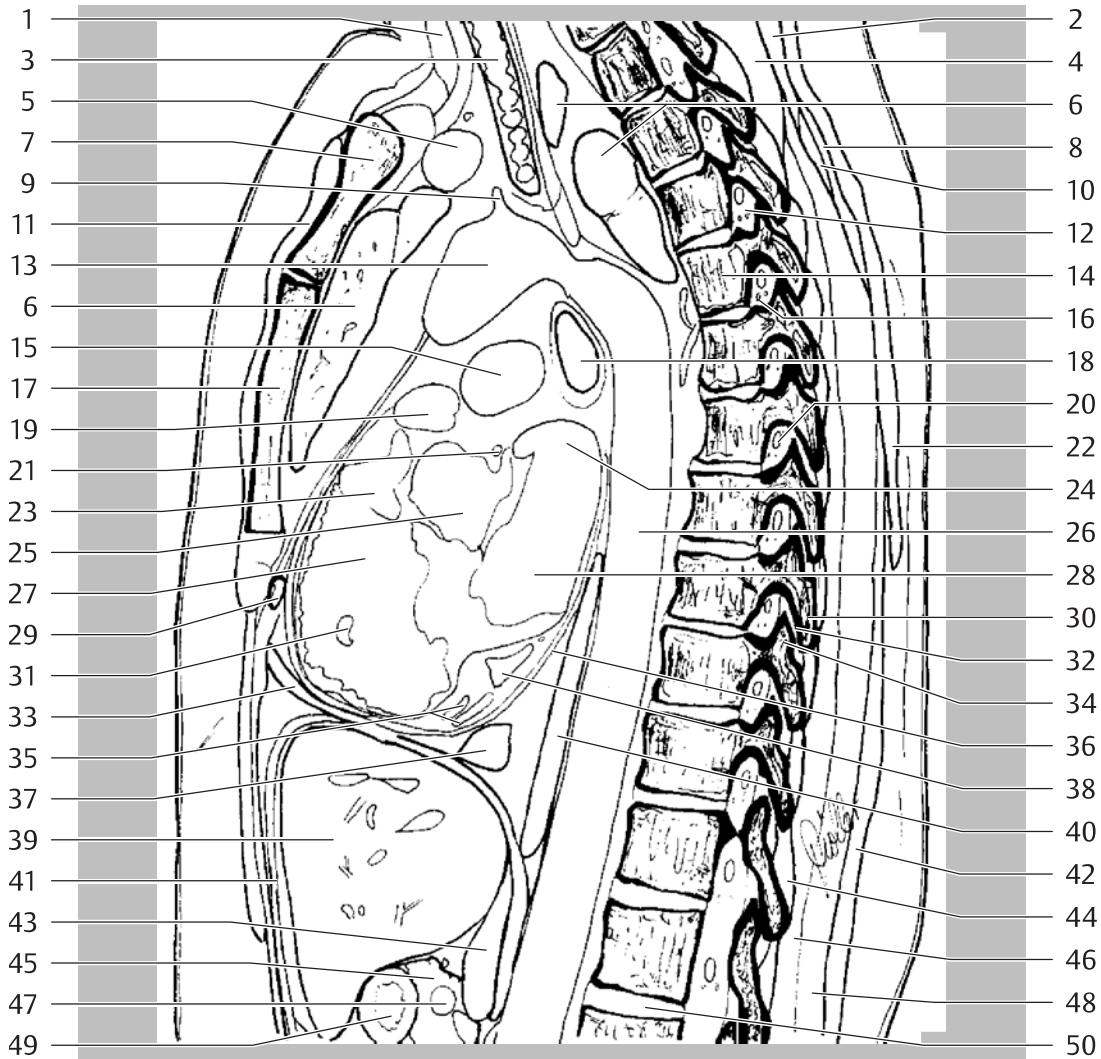


- | | |
|--|--|
| 1 Sternohyoid muscle | 23 Right atrioventricular (tricuspid) valve |
| 2 Vertebral body (T1) | 24 Right atrium |
| 3 Brachiocephalic trunk | 25 Right ventricle |
| 4 Intervertebral disk | 26 Coronary sinus |
| 5 Left brachiocephalic vein | 27 Diaphragm |
| 6 Trachea | 28 Ligamentum flavum |
| 7 Sternum (manubrium) | 29 Right coronary artery (right marginal branch) |
| 8 Spinous process | 30 Supraspinous ligament |
| 9 Ascending aorta | 31 Rectus abdominis muscle |
| 10 Right lung | 32 Interspinal ligament |
| 11 Sternum (body) | 33 Liver (left lobe) |
| 12 Azygos vein | 34 Conus medullaris |
| 13 Right atrial appendage (auricle) | 35 Greater omentum |
| 14 Thoracic spinal cord | 36 Diaphragm (lumbar part) |
| 15 Aortic valve | 37 Left gastric vein |
| 16 Left pulmonary artery | 38 Nerve filaments (cauda equina) |
| 17 Left ventricle | 39 Common hepatic artery |
| 18 Oblique pericardial sinus | 40 Liver (caudate lobe) |
| 19 Right coronary artery (anterior branch) | 41 Duodenum |
| 20 Left atrium | 42 Pancreas |
| 21 Xiphoid process | |
| 22 Interatrial septum | |



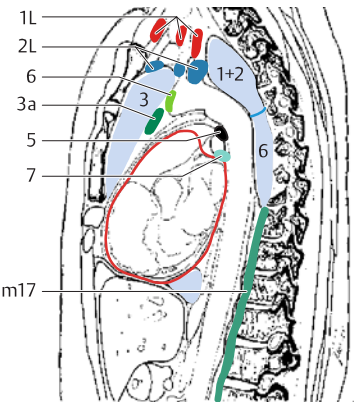
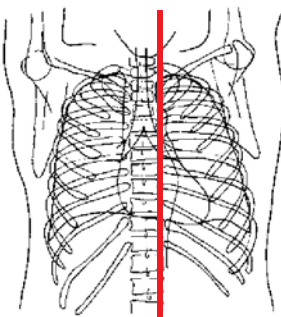
- 1 Sternothyroid muscle
- 2 Splenius cervicis (part of erector spinae muscle, lateral tract)
- 3 Trachea
- 4 Semispinalis capitis (medial tract) and longissimus thoracis (lateral tract) muscles (part of erector spinae muscle)
- 5 Brachiocephalic vein
- 6 Left lung
- 7 Sternum (manubrium)
- 8 Rhomboid major muscle
- 9 Brachiocephalic trunk
- 10 Serratus posterior superior muscle
- 11 Pectoralis major muscle
- 12 Spinal foramen
- 13 Aortic arch
- 14 Vertebral body (T4)
- 15 Right pulmonary artery

• • • • = Lymph node
• • • • (see inside back cover)



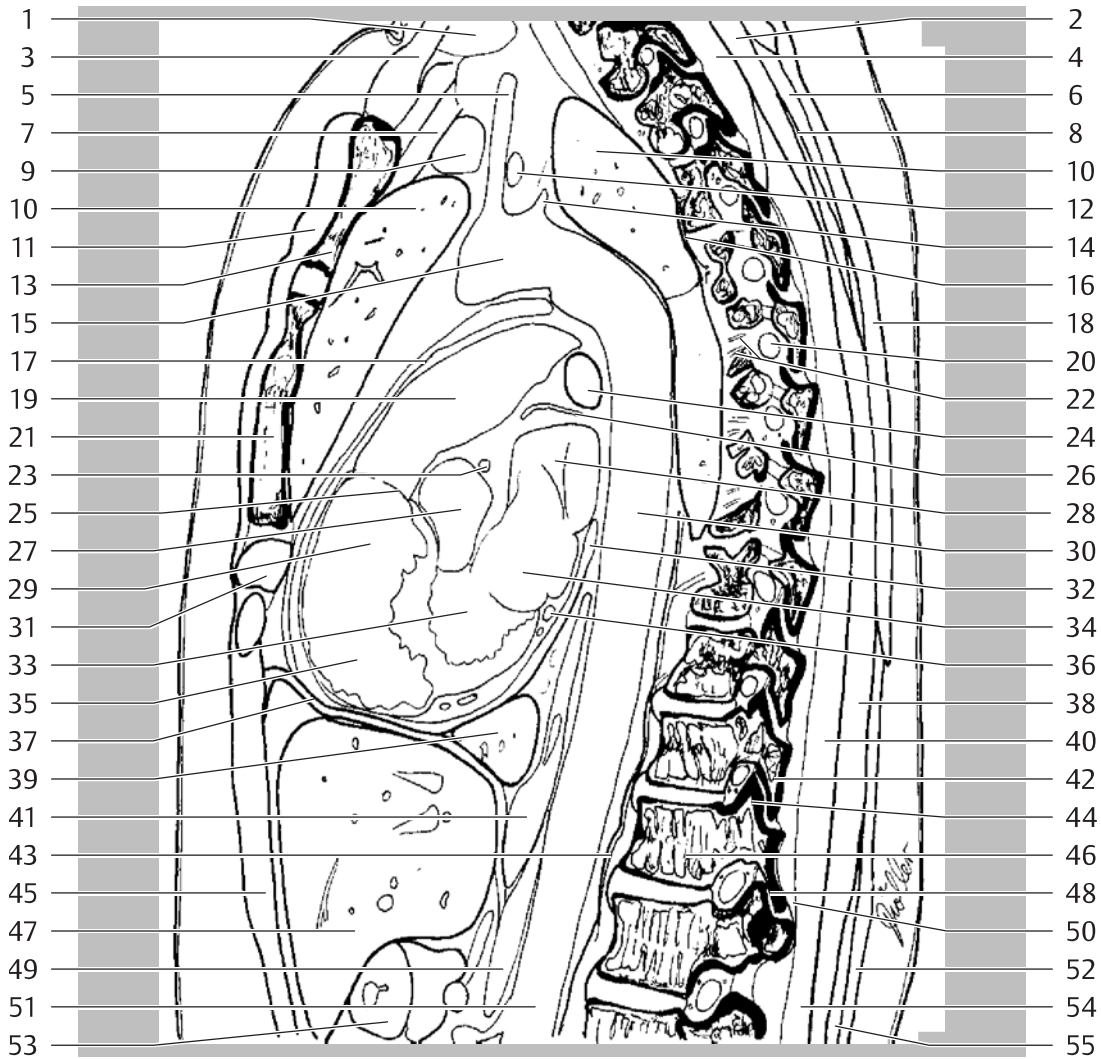
- 16 Intervertebral veins
- 17 Sternum (body)
- 18 Leptomeningeal branches
- 19 Ascending aorta (bulb)
- 20 Spinal ganglion (T4 nerve root)
- 21 Left coronary artery
- 22 Trapezius muscle
- 23 Pulmonary outflow tract
- 24 Left atrial appendage
- 25 Left ventricle
- 26 Descending aorta (thoracic)
- 27 Right ventricle
- 28 Left atrium
- 29 Xiphoid process
- 30 Inferior articular process
- 31 Anterior papillary muscle
- 32 Zygapophysial joint
- 33 Diaphragm
- 34 Superior articular process
- 35 Right coronary artery and middle cardiac vein
- 36 Pericardium

- 37 Left lung (lower lobe)
- 38 Coronary sinus
- 39 Liver (left lobe)
- 40 Oesophagus
- 41 Greater omentum
- 42 Latissimus dorsi muscle
- 43 Liver (caudate lobe)
- 44 Rotatores longi and brevis muscles (part of erector spinae muscle, transversospinal system, medial tract)
- 45 Pancreas
- 46 Semispinalis thoracis muscle and multifidus muscle (part of erector spinae muscle, transversospinal system, medial tract)
- 47 Splenic artery
- 48 Longissimus, iliocostalis lumborum, and iliocostalis thoracis muscles (part of erector spinae muscle, sacrospinal system, lateral tract)
- 49 Duodenum
- 50 Intervertebral disk

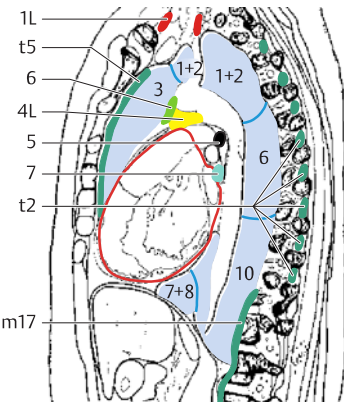
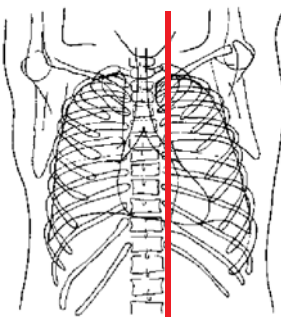


- 1 Thyroid gland
- 2 Splenius cervicis muscle
- 3 Sternocleidomastoid muscle
- 4 Multifidus muscle
- 5 Left common carotid artery
- 6 Rhomboid major muscle
- 7 Sternohyoid muscle
- 8 Serratus posterior superior muscle
- 9 Brachiocephalic vein
- 10 Left lung (upper lobe)
- 11 Pectoralis major muscle
- 12 Trachea (section)
- 13 Sternum (manubrium)
- 14 Left subclavian artery
- 15 Aortic arch
- 16 Accessory hemi-azygos vein
- 17 Pericardium
- 18 Trapezius muscle

- 1 + 2 Apicoposterior segment of upper lobe
- 3 Anterior segment of upper lobe
- 6 Superior segment of lower lobe



- | | |
|---|---|
| 19 Pulmonary artery (trunk) | 39 Left lung (lower lobe) |
| 20 Spinal ganglion (T4) | 40 Semispinalis thoracis muscle (part of erector spinae muscle, medial tract) |
| 21 Sternum (body) | 41 Oesophagus |
| 22 Posterior intercostal artery and vein | 42 Inferior articular process |
| 23 Left coronary artery | 43 Hemi-azygos vein |
| 24 Left main bronchus | 44 Superior articular process |
| 25 Pulmonary valve | 45 Rectus abdominis muscle |
| 26 Transverse pericardial sinus | 46 Vertebral body (T10) |
| 27 Ascending aorta (bulb) | 47 Liver (left lobe) |
| 28 Left atrial appendage | 48 Zygapophysial joint |
| 29 Conus arteriosus | 49 Diaphragm (lumbar part) |
| 30 Descending aorta (thoracic) | 50 Spinalis and interspinales muscles (part of erector spinae muscle, medial tract) |
| 31 Xiphoid process | 51 Descending aorta (abdominal) |
| 32 Oblique pericardial sinus | 52 Latissimus dorsi muscle |
| 33 Left ventricle | 53 Duodenum |
| 34 Left atrium | 54 Multifidus muscle (part of erector spinae muscle, medial tract) |
| 35 Right ventricle | 55 Serratus posterior inferior muscle |
| 36 Coronary sinus | |
| 37 Diaphragm | |
| 38 Longissimus thoracis muscle and iliocostalis muscle (part of erector spinae muscle, lateral tract) | |

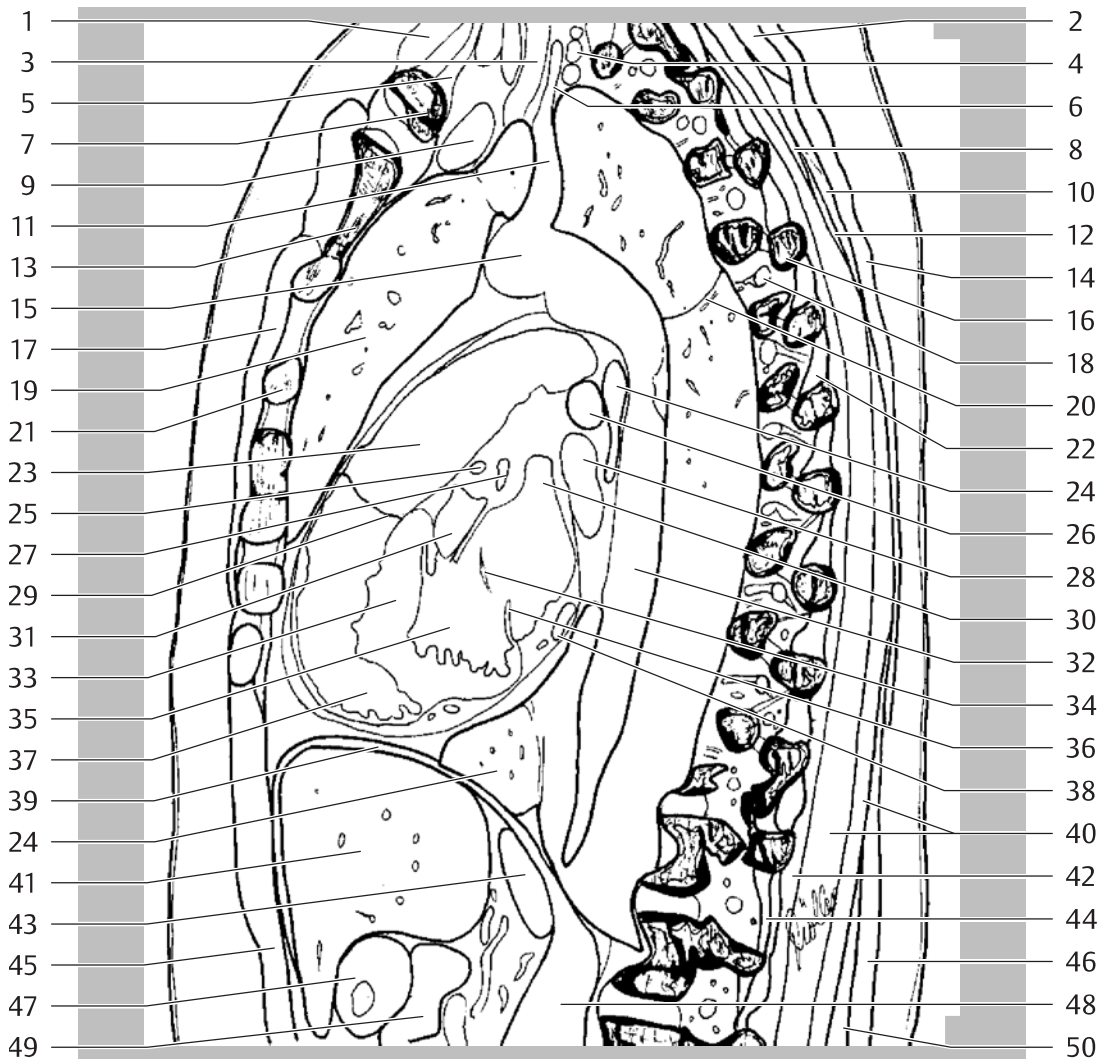


- 1 Sternocleidomastoid muscle
- 2 Levator scapulae muscle
- 3 Anterior scalene muscle
- 4 Cervical plexus
- 5 Sternohyoid muscle
- 6 Vertebral artery
- 7 Clavicle
- 8 Splenius cervicis muscle (part of erector spinae muscle, spinotransverse system, lateral tract)
- 9 Left brachiocephalic vein
- 10 Rhomboid major and minor muscles
- 11 Left subclavian artery
- 12 Serratus posterior superior muscle
- 13 Sternum (manubrium)
- 14 Trapezius muscle

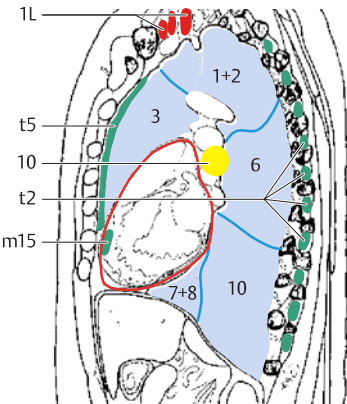
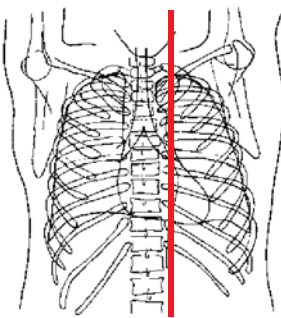
● ● ● = Lymph node
(see inside back cover)

— = Borders of lung segments

— = Pericardium

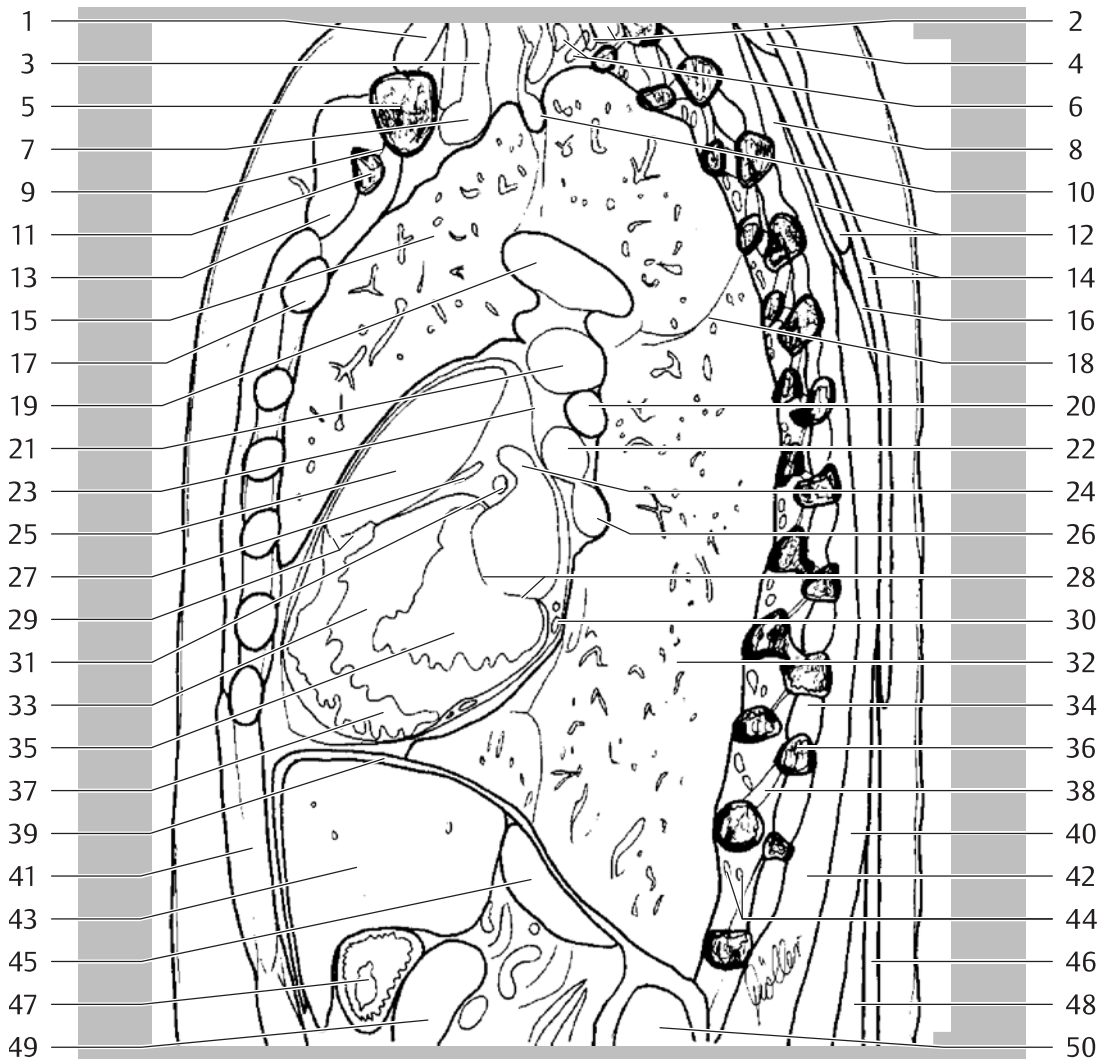


- | | | | |
|----|---|----|--|
| 15 | Aortic arch | 35 | Left ventricle |
| 16 | Transverse process | 36 | Mitral valve, posterior cusp |
| 17 | Pectoralis major muscle | 37 | Right ventricle |
| 18 | Spinal ganglion (T4) | 38 | Coronary sinus |
| 19 | Left lung (upper lobe) | 39 | Diaphragm |
| 20 | Oblique fissure | 40 | Longissimus thoracis muscle and iliocostalis muscle (part of erector spinae muscle, lateral tract) |
| 21 | Rib 3 (costal cartilage) | 41 | Liver (left lobe) |
| 22 | Intertransversarii muscles (part of erector spinae muscle, intertransverse system, lateral tract) | 42 | Multifidus muscle (part of erector spinae muscle, transversospinal system, medial tract) |
| 23 | Pulmonary artery outflow tract | 43 | Stomach |
| 24 | Left lung (lower lobe) | 44 | Ligamentum flavum |
| 25 | Left coronary artery | 45 | Rectus abdominis muscle |
| 26 | Left main bronchus | 46 | Latissimus dorsi muscle |
| 27 | Left coronary artery, circumflex branch (Cx) | 47 | Stomach (pylorus) |
| 28 | Pulmonary vein | 48 | Diaphragm (lumbar part) |
| 29 | Pulmonary valve | 49 | Pancreas |
| 30 | Left atrial appendage | 50 | Serratus posterior inferior muscle |
| 31 | Ascending aorta (bulb) | | |
| 32 | Descending aorta (thoracic) | | |
| 33 | Interventricular septum | | |
| 34 | Mitral valve, anterior cusp | | |

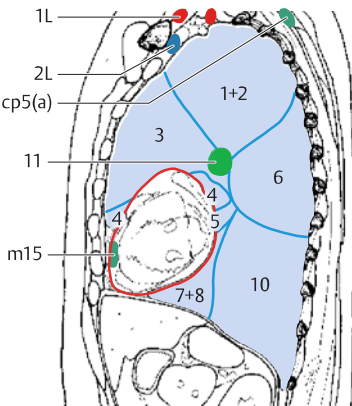
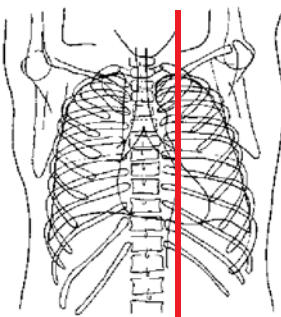


- 1 Sternocleidomastoid muscle
- 2 Middle scalene muscle
- 3 Internal jugular vein
- 4 Levator scapulae muscle
- 5 Clavicle
- 6 Cervical plexus
- 7 Left subclavian vein
- 8 Splenius cervicis muscle (part of erector spinae muscle, spinotransverse system, lateral tract)
- 9 Sternoclavicular joint
- 10 Subclavian artery
- 11 Sternum (manubrium)
- 12 Rhomboid major and minor muscles
- 13 Pectoralis major muscle
- 14 Trapezius muscle
- 15 Left lung (upper lobe)
- 16 Serratus posterior superior muscle

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— = Borders of lung segments
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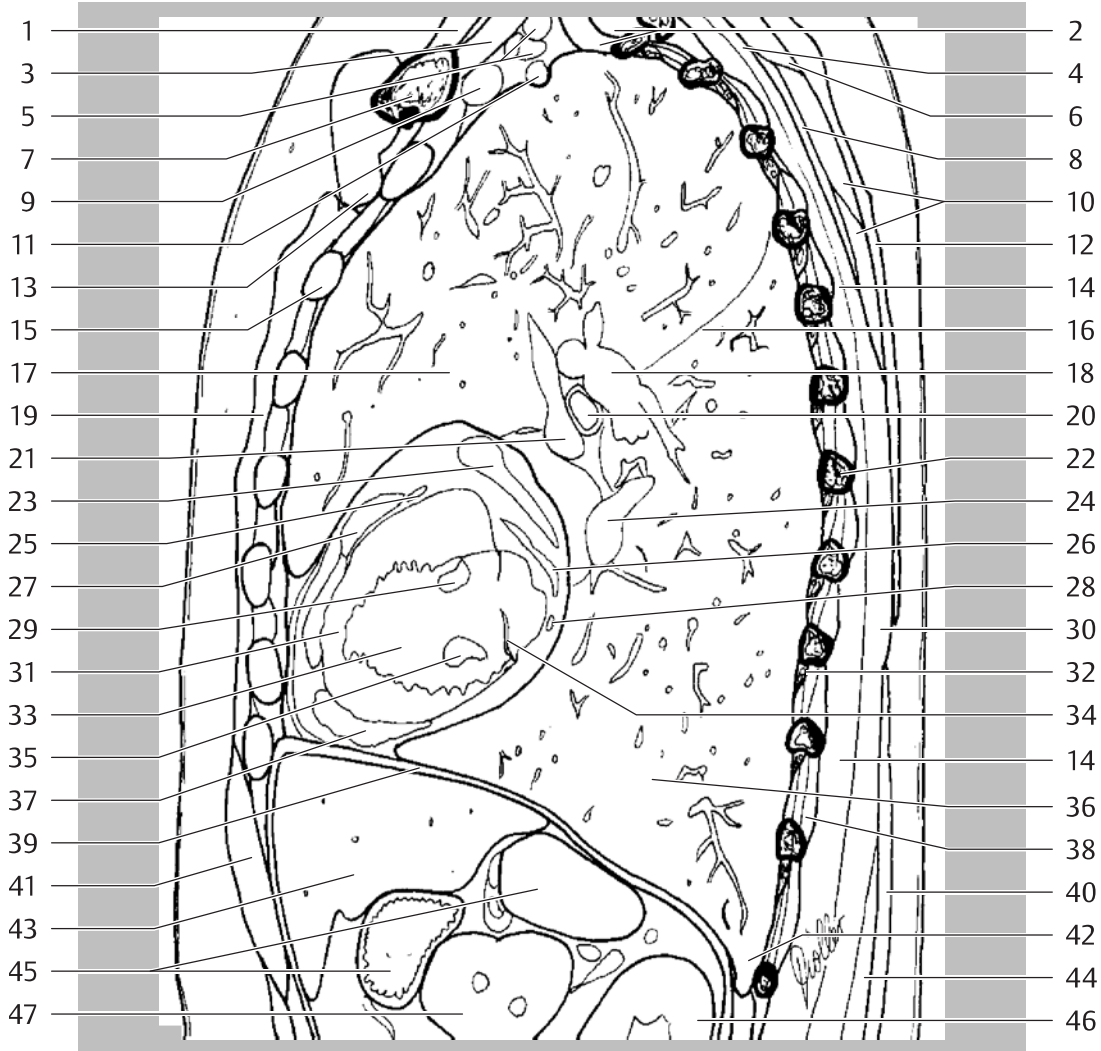


- | | |
|--|---|
| 17 Rib 2 (costal cartilage) | 35 Left ventricle |
| 18 Oblique fissure | 36 Transverse process |
| 19 Aortic arch | 37 Right ventricle |
| 20 Left main bronchus | 38 Superior costotransverse ligament |
| 21 Left pulmonary artery | 39 Diaphragm |
| 22 Left superior pulmonary vein | 40 Longissimus thoracis muscle and iliocostalis muscle (part of erector spinae muscle, lateral tract) |
| 23 Pericardial cavity | 41 Rectus abdominis muscle |
| 24 Left atrial appendage | 42 Multifidus muscle (part of erector spinae muscle, transversospinal system, medial tract) |
| 25 Pulmonary trunk | 43 Liver (left lobe) |
| 26 Left inferior pulmonary vein | 44 Posterior intercostal artery and vein |
| 27 Left coronary artery (anterior interventricular branch) | 45 Stomach (cardia) |
| 28 Mitral valve | 46 Latissimus dorsi muscle |
| 29 Pulmonary valve | 47 Stomach (prepyloric part) |
| 30 Coronary sinus | 48 Serratus posterior inferior muscle |
| 31 Left coronary artery, circumflex branch (Cx) | 49 Pancreas |
| 32 Left lung (lower lobe) | 50 Left kidney |
| 33 Interventricular septum | |
| 34 Intertransversarii muscles (part of erector spinae muscle, intertransverse system, lateral tract) | |

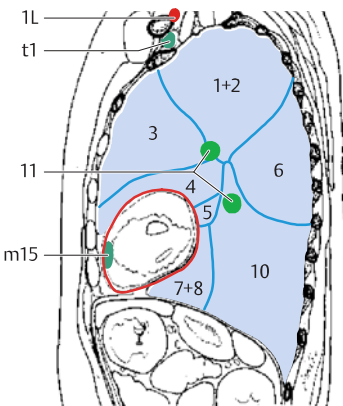
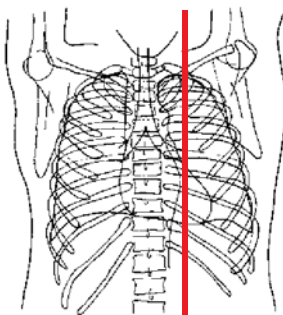


- 1 Sternocleidomastoid muscle
- 2 Middle and posterior scalene muscles
- 3 Anterior scalene muscle
- 4 Splenius cervicis muscle (part of erector spinae muscle, spinotransverse system, lateral tract)
- 5 Cervical plexus
- 6 Levator scapulae muscle
- 7 Clavicle
- 8 Serratus posterior superior muscle
- 9 Left subclavian vein
- 10 Rhomboid major and minor muscles
- 11 Left subclavian artery
- 12 Trapezius muscle
- 13 Pectoralis major muscle (clavicular part)

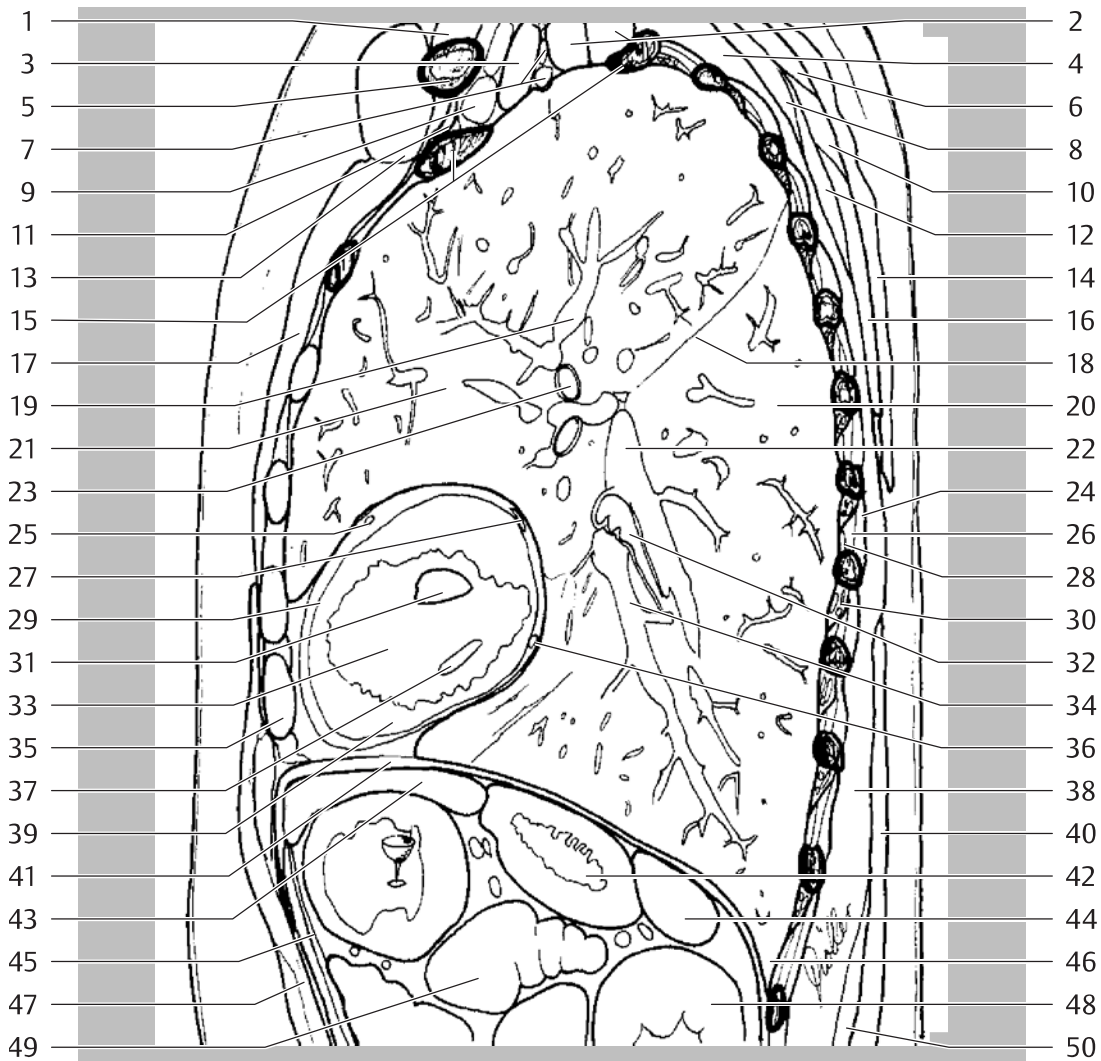
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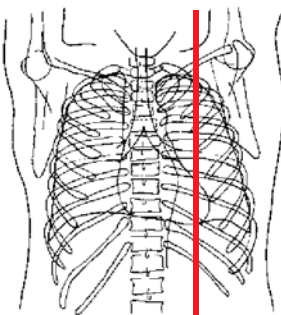
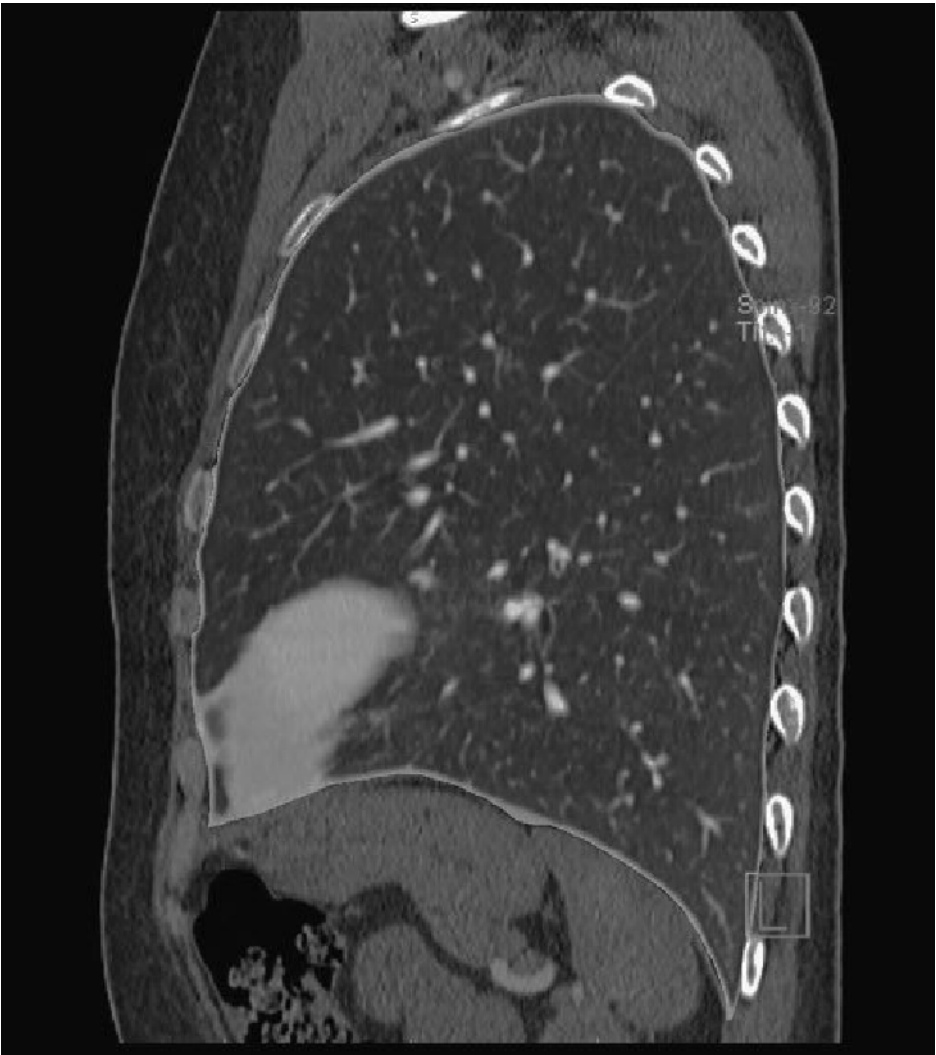
- | | |
|---|---|
| 14 Multifidus muscle (part of erector spinae muscle, transversospinal system, medial tract) | 30 Longissimus thoracis muscle and iliocostalis muscle (part of erector spinae muscle, lateral tract) |
| 15 Rib 2 (costal cartilage) | 31 Interventricular septum |
| 16 Oblique fissure | 32 Intercostal vein, artery, and nerve |
| 17 Left lung (upper lobe) | 33 Left ventricle |
| 18 Left pulmonary artery | 34 Mitral valve |
| 19 Pectoralis major muscle (sternal part) | 35 Posterior papillary muscle |
| 20 Left main bronchus | 36 Left lung (lower lobe) |
| 21 Left superior pulmonary vein | 37 Right ventricle |
| 22 Rib 7 | 38 External intercostal muscles |
| 23 Left atrial appendage | 39 Diaphragm |
| 24 left inferior pulmonary vein | 40 Latissimus dorsi muscle |
| 25 Left coronary artery (anterior interventricular branch) | 41 Rectus abdominis muscle |
| 26 Left coronary artery, circumflex branch (Cx) | 42 Costodiaphragmatic recess |
| 27 Pulmonary trunk | 43 Liver (left lobe) |
| 28 Great cardiac vein | 44 Serratus posterior inferior muscle |
| 29 Anterior papillary muscle | 45 Stomach |
| | 46 Left kidney |
| | 47 Pancreas |



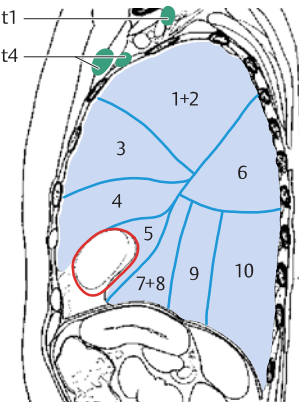
- 1 Sternocleidomastoid muscle
- 2 Middle and posterior scalene muscles
- 3 Anterior scalene muscle
- 4 Iliocostalis cervicis muscle (part of erector spinae muscle, lateral tract)
- 5 Clavicle
- 6 Levator scapulae muscle
- 7 Cervical plexus and subclavian artery
- 8 Splenius cervicis muscle (part of erector spinae muscle, spinotransverse system, lateral tract)
- 9 Left subclavian vein
- 10 Rhomboid minor muscle
- 11 Subclavius muscle
- 12 Serratus posterior superior muscle
- 13 Pectoralis major muscle (clavicular part)
- 14 Trapezius muscle
- 15 Rib 1
- 16 Rhomboid major muscle
- 17 Pectoralis major muscle (sternal part) ►
- 18 Oblique fissure



- | | | | |
|----|--|----|---|
| 19 | Left pulmonary artery (apical segmental artery) | 34 | Left inferior pulmonary vein |
| 20 | Left lung (lower lobe) | 35 | Rib 6 (costal cartilage) |
| 21 | Left lung (upper lobe) | 36 | Left coronary artery (posterior left ventricular branch) |
| 22 | Left pulmonary artery (inferior lobar arteries) | 37 | Posterior papillary muscle |
| 23 | Apicoposterior and anterior segmental bronchi of left upper lobe | 38 | Longissimus thoracis and iliocostalis lumborum muscles (part of erector spinae muscle, lateral tract) |
| 24 | External intercostal muscle | 39 | Myocardium |
| 25 | Left coronary artery, anterior interventricular branch, and anterior interventricular vein | 40 | Latissimus dorsi muscle |
| 26 | Internal intercostal muscle | 41 | Diaphragm |
| 27 | Left coronary artery (left marginal branch) | 42 | Stomach |
| 28 | Innermost intercostal muscle | 43 | Liver (left lobe) |
| 29 | Pericardium | 44 | Spleen |
| 30 | Intercostal vein, artery, and nerve | 45 | Greater omentum |
| 31 | Anterior papillary muscle | 46 | Costodiaphragmatic recess |
| 32 | Left inferior lobar bronchus | 47 | Rectus abdominis muscle |
| 33 | Left ventricle | 48 | Left kidney |
| | | 49 | Pancreas |
| | | 50 | Serratus posterior inferior muscle |



- 1 Clavicle
- 2 Levator scapulae muscle
- 3 Subclavius muscle
- 4 Cervical plexus
- 5 Anterior scalene muscle

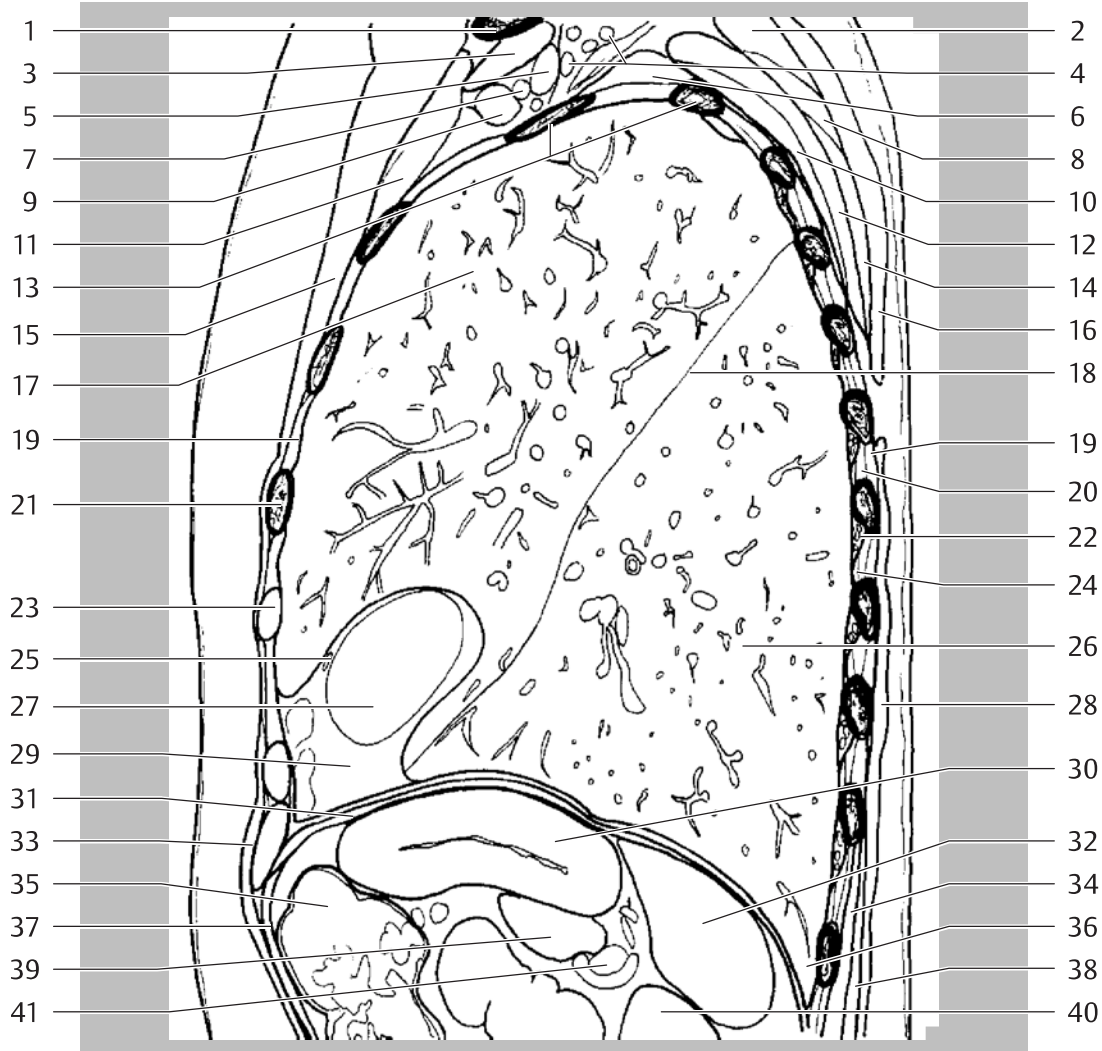


- 1 + 2 Apicoposterior segment of upper lobe
- 3 Anterior segment of upper lobe
- 4 Superior lingular segment of upper lobe
- 5 Inferior lingular segment of upper lobe
- 6 Superior segment of lower lobe
- 7 + 8 Medial basal (cardiac) + anterior basal segments of lower lobe
- 9 Lateral basal segment of lower lobe
- 10 Posterior basal segment of lower lobe

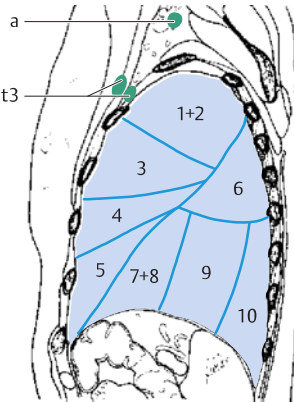
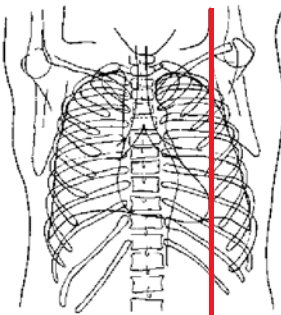
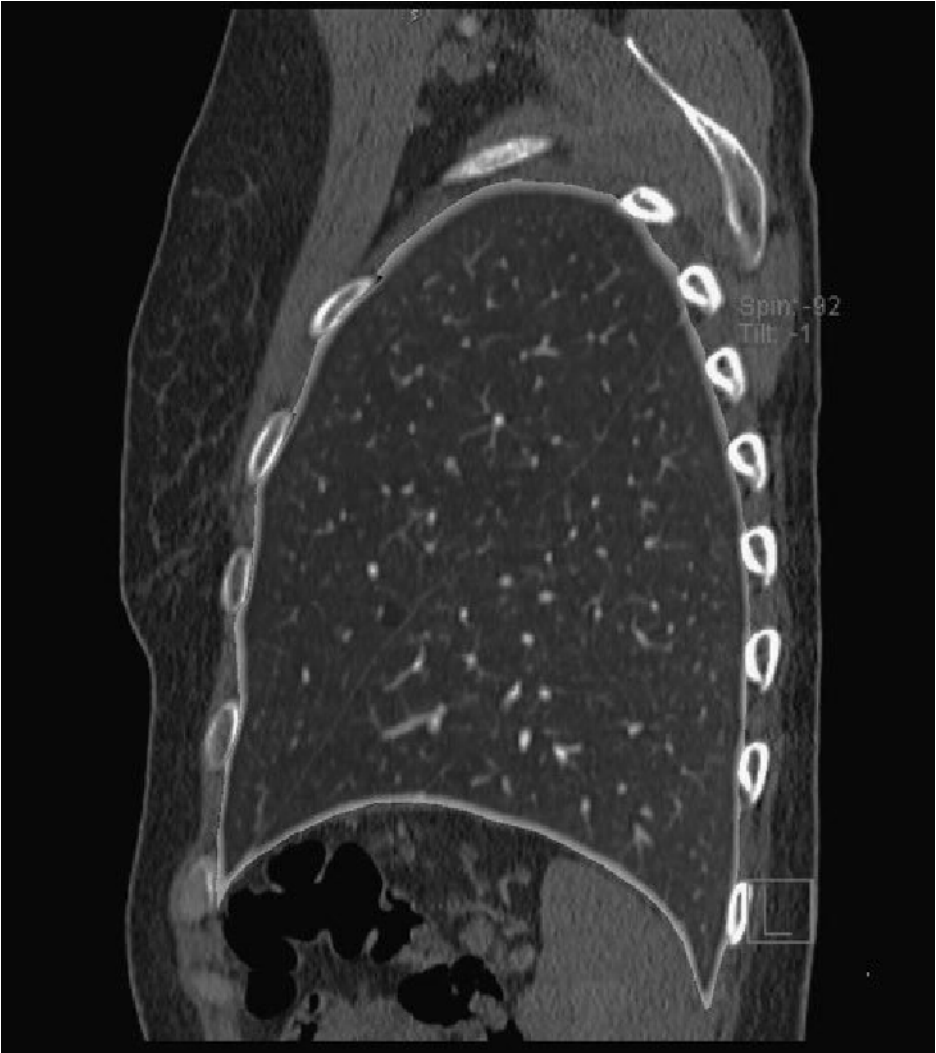
● = Lymph node (see inside back cover)

— = Borders of lung segments

— = Pericardium



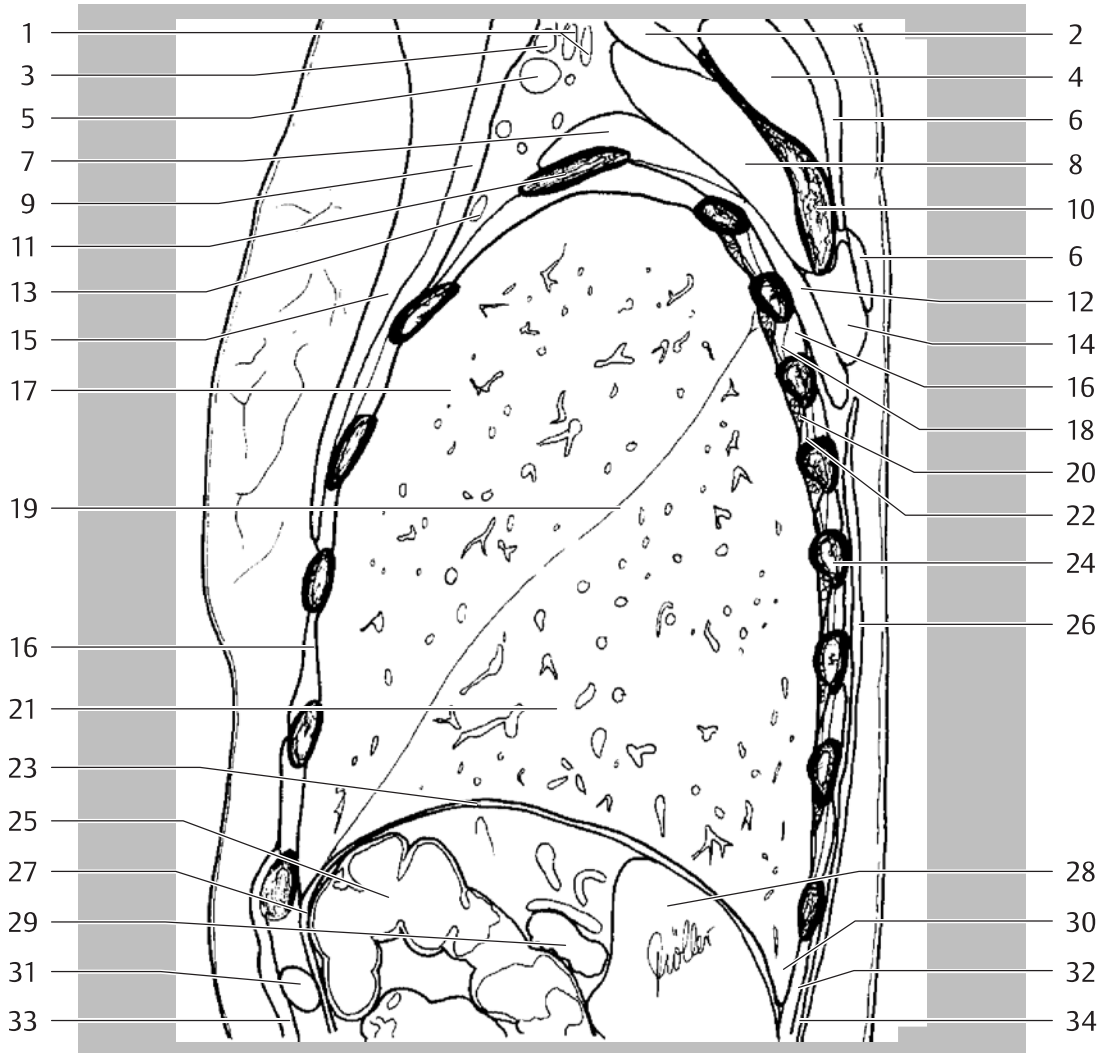
- | | |
|--|--|
| 6 Serratus anterior muscle | 25 Anterior interventricular branch |
| 7 Left subclavian artery | 26 Left lung (lower lobe) |
| 8 Rhomboid minor muscle | 27 Left ventricle |
| 9 Left subclavian vein | 28 Latissimus dorsi muscle |
| 10 Iliocostalis cervicis muscle (part of erector spinae muscle, lateral tract) | 29 Pericardial fat |
| 11 Pectoralis minor muscle | 30 Stomach |
| 12 Serratus posterior superior muscle | 31 Diaphragm |
| 13 Rib 1 | 32 Spleen |
| 14 Rhomboid major muscle | 33 Rectus abdominis muscle |
| 15 Pectoralis major muscle | 34 Longissimus thoracis muscle and iliocostalis lumborum muscle (part of erector spinae muscle, lateral tract) |
| 16 Trapezius muscle | 35 Colon (left flexure) |
| 17 Left lung (upper lobe) | 36 Costodiaphragmatic recess |
| 18 Oblique fissure | 37 Greater omentum |
| 19 External intercostal muscle | 38 Serratus posterior inferior muscle |
| 20 Internal intercostal muscle | 39 Pancreas |
| 21 Rib 4 | 40 Left kidney |
| 22 Intercostal vein, artery, and nerve | 41 Splenic artery and vein |
| 23 Rib 5 (costal cartilage) | |
| 24 Innermost intercostal muscle | |



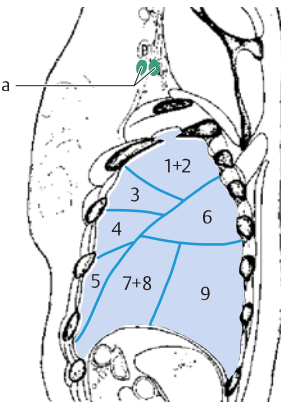
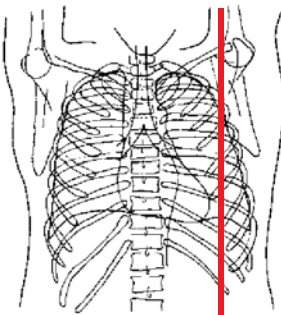
- 1 + 2 Apicoposterior segment of upper lobe
- 3 Anterior segment of upper lobe
- 4 Superior lingular segment of upper lobe
- 5 Inferior lingular segment of upper lobe
- 6 Superior segment of lower lobe
- 7 + 8 Medial basal (cardiac) + anterior basal segments of lower lobe
- 9 Lateral basal segment of lower lobe
- 10 Posterior basal segment of lower lobe

● = Lymph node (see inside back cover)

— = Borders of lung segments



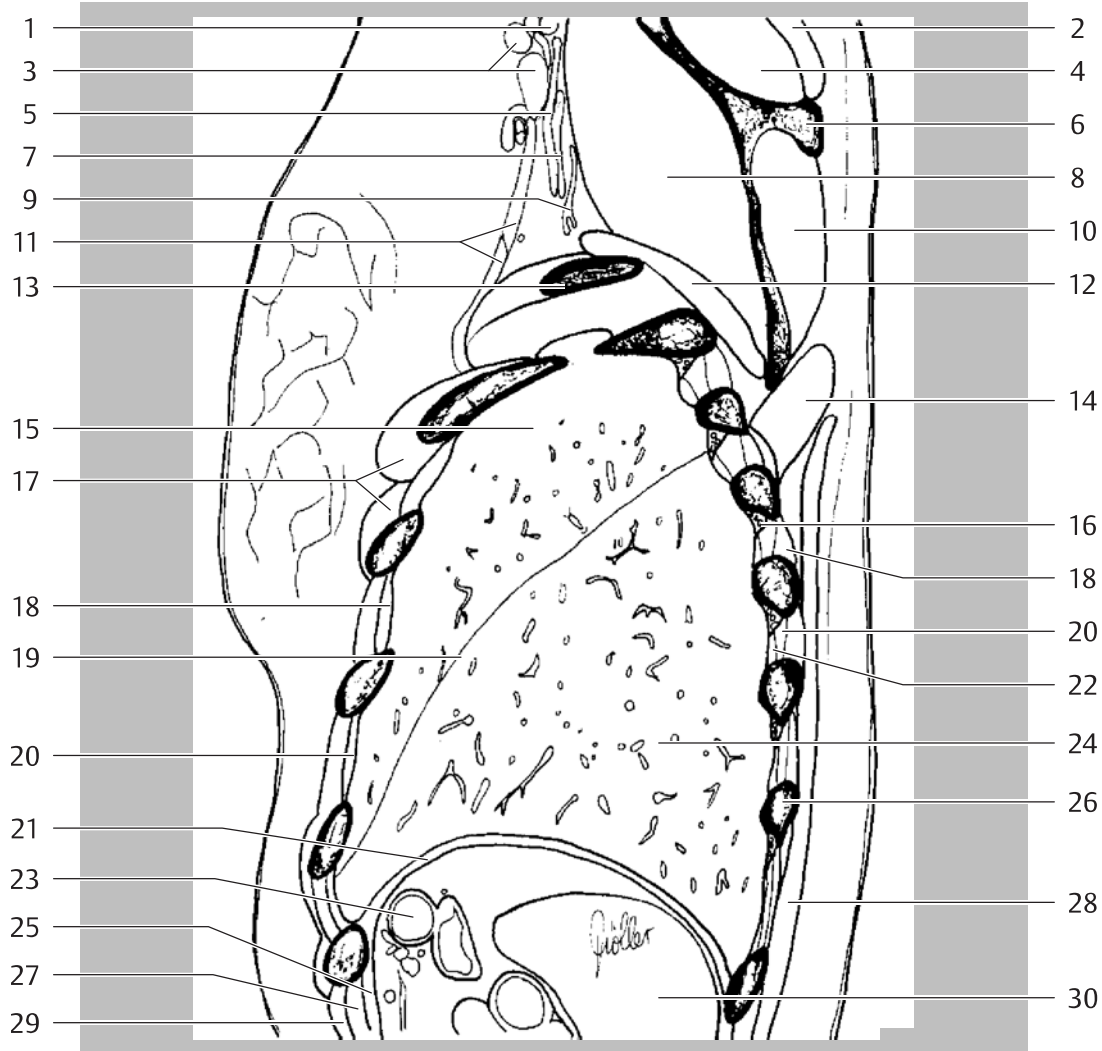
- | | |
|---------------------------------------|--|
| 1 Brachial plexus | 19 Oblique fissure |
| 2 Levator scapulae muscle | 20 Intercostal vein, artery, and nerve |
| 3 Left subclavian artery | 21 Left lung (lower lobe) |
| 4 Supraspinatus muscle | 22 Innermost intercostal muscle |
| 5 Left subclavian vein | 23 Diaphragm |
| 6 Trapezius muscle | 24 Rib 7 (posterior part) |
| 7 Serratus anterior muscle | 25 Transverse colon |
| 8 Subscapularis muscle | 26 Latissimus dorsi muscle |
| 9 Pectoralis minor muscle | 27 Greater omentum |
| 10 Scapula (medial border) | 28 Spleen |
| 11 Rib 2 | 29 Pancreas |
| 12 Serratus posterior superior muscle | 30 Costodiaphragmatic recess |
| 13 Thoraco-acromial artery | 31 Rib 8 (costal cartilage) |
| 14 Rhomboid major muscle | 32 Longissimus thoracis muscle and iliocostalis lumborum muscle (part of erector spinae muscle, lateral tract) |
| 15 Pectoralis major muscle | 33 Rectus abdominis muscle |
| 16 External intercostal muscle | 34 Serratus posterior inferior muscle |
| 17 Left lung (upper lobe) | |
| 18 Internal intercostal muscle | |



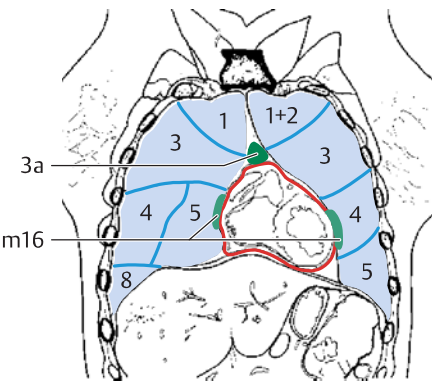
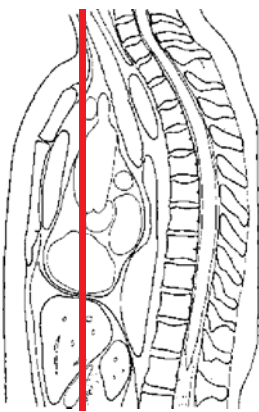
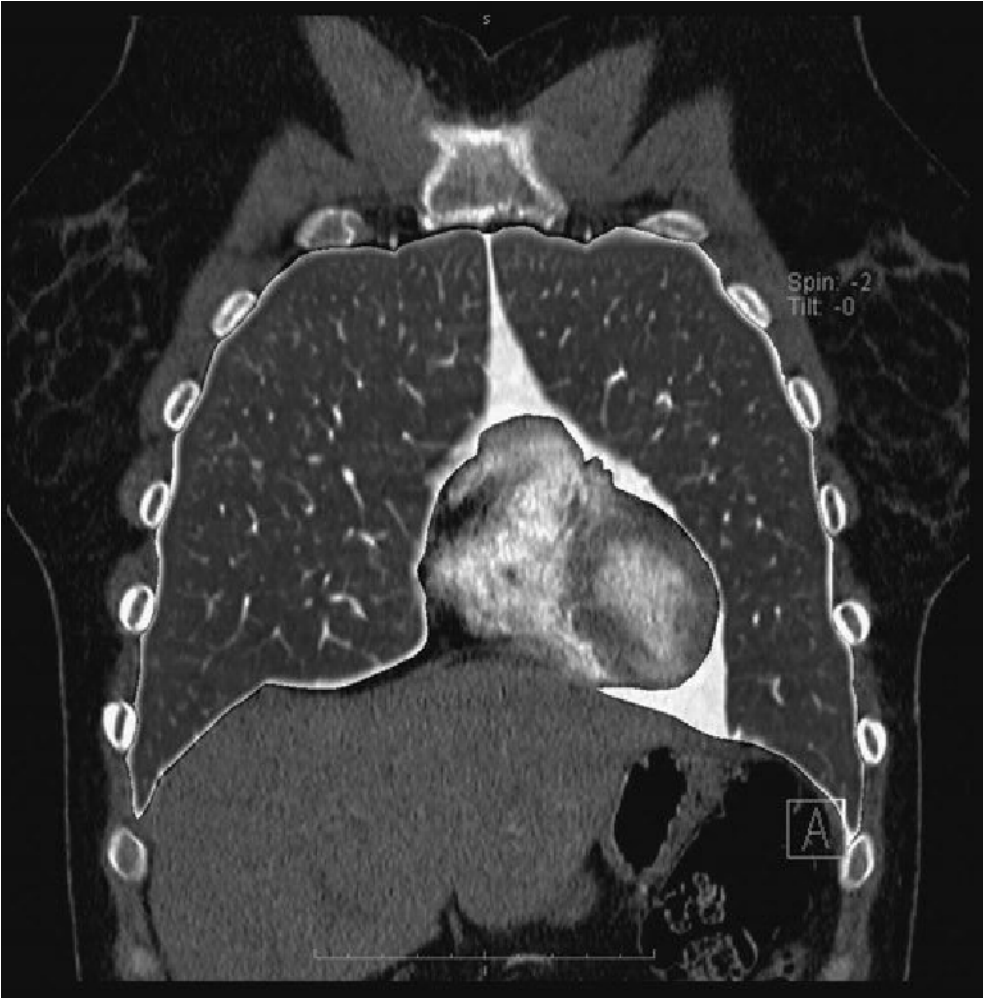
- 1 + 2 Apicoposterior segment of upper lobe
- 3 Anterior segment of upper lobe
- 4 Superior lingular segment of upper lobe
- 5 Inferior lingular segment of upper lobe
- 6 Superior segment of lower lobe
- 7 + 8 Medial basal (cardiac) + anterior basal segments of lower lobe
- 9 Lateral basal segment of lower lobe

● = Lymph node (see inside back cover)

— = Borders of lung segments



- | | |
|-------------------------------------|--|
| 1 Brachial plexus | 16 Intercostal vein, artery, and nerve |
| 2 Trapezius muscle | 17 Pectoralis major muscle |
| 3 Left subclavian artery and vein | 18 External intercostal muscle |
| 4 Supraspinatus muscle | 19 Oblique fissure |
| 5 Subscapular nerve | 20 Internal intercostal muscle |
| 6 Spine of scapula | 21 Diaphragm |
| 7 Circumflex scapular artery | 22 Innermost intercostal muscle |
| 8 Subscapularis muscle | 23 Transverse colon |
| 9 Circumflex scapular vein | 24 Left lung (lower lobe) |
| 10 Infraspinatus muscle | 25 Transversus abdominis muscle |
| 11 Lateral thoracic artery and vein | 26 Rib 9 (posterior part) |
| 12 Serratus anterior muscle | 27 Internal oblique muscle |
| 13 Rib 3 | 28 Latissimus dorsi muscle |
| 14 Rhomboid major muscle | 29 External oblique muscle |
| 15 Left lung (upper lobe) | 30 Spleen |



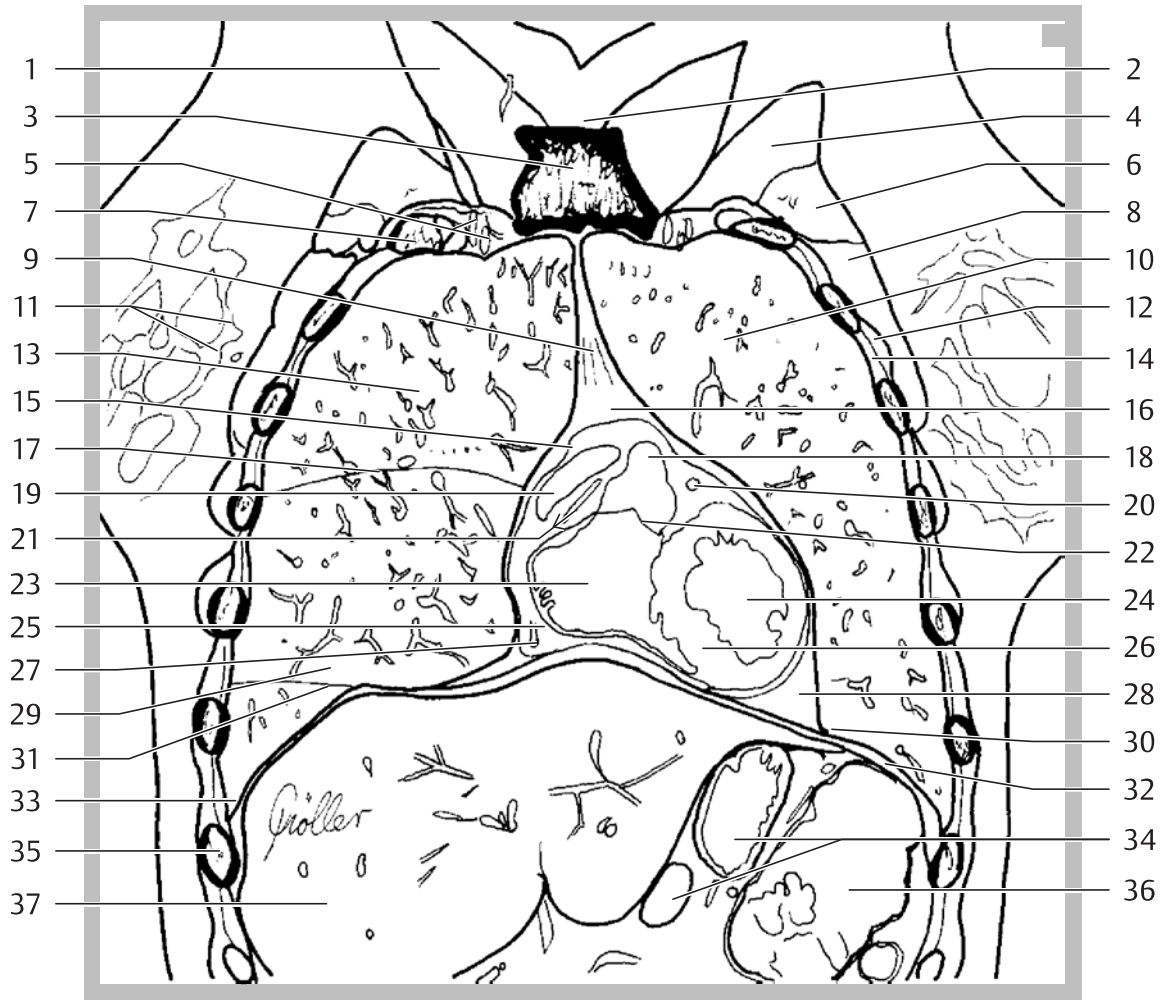
Right Lung

- 1 Apical segment of upper lobe
- 3 Anterior segment of upper lobe
- 4 Lateral segment of middle lobe
- 5 Medial segment of middle lobe
- 8 Anterior basal segment of lower lobe

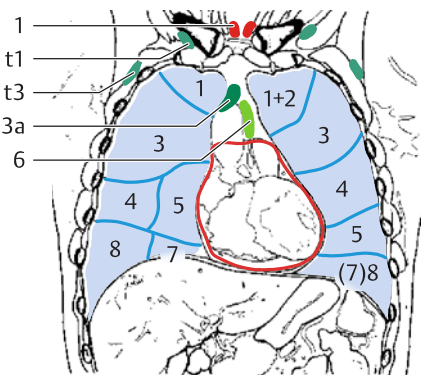
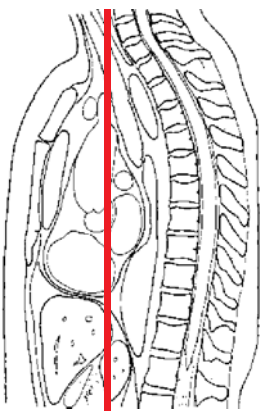
Left lung

- 1 + 2 Apicoposterior segment of upper lobe
- 3 Anterior segment of upper lobe
- 4 Superior lingular segment of upper lobe
- 5 Inferior lingular segment of upper lobe

- = Lymph node (see inside back cover)
- = Borders of lung segments
- = Pericardium



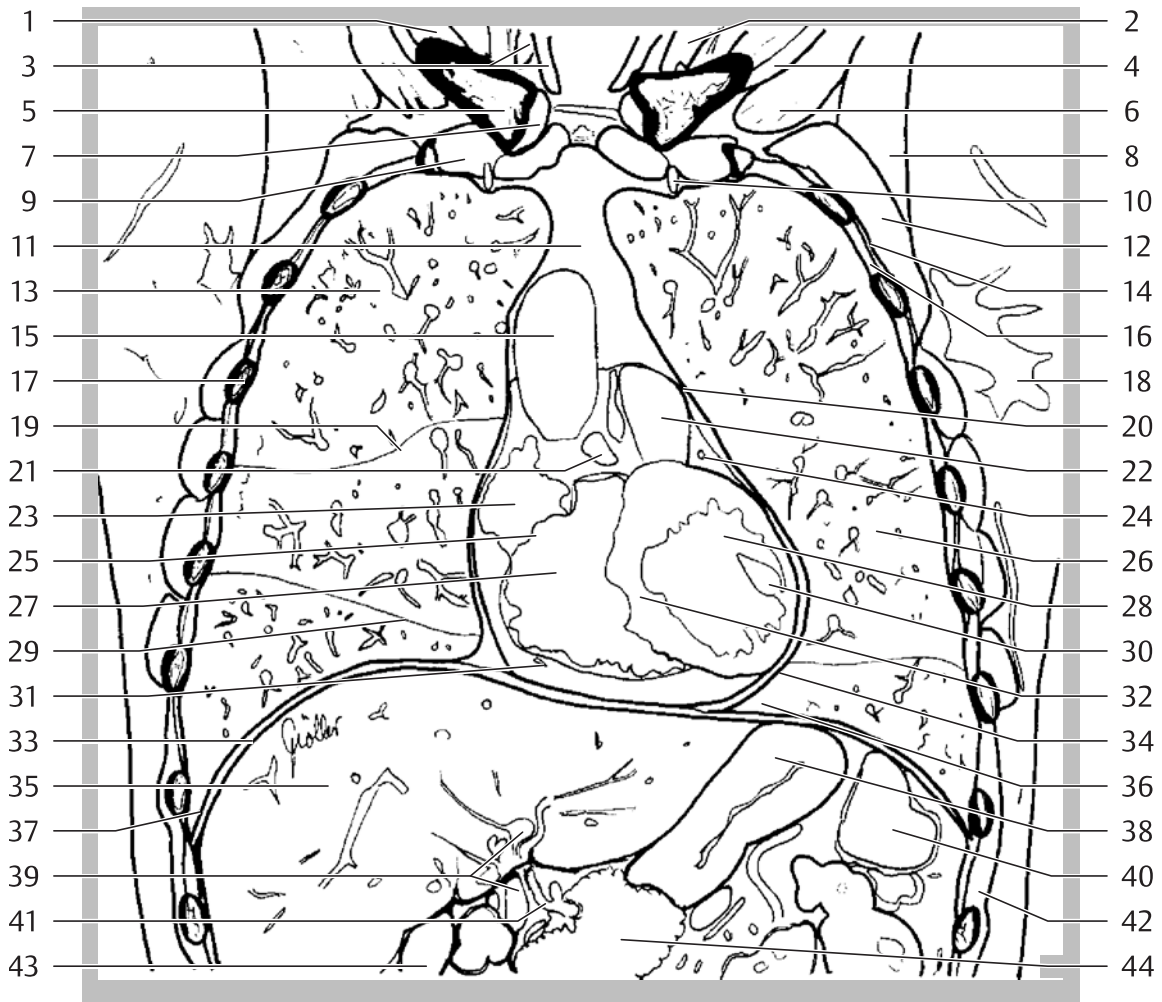
- | | |
|--|---|
| 1 Sternocleidomastoid muscle | 20 Left coronary artery (interventricular branch) |
| 2 Suprasternal notch | 21 Right coronary artery in coronary sulcus |
| 3 Sternum (manubrium) | 22 Pulmonary valve |
| 4 Pectoralis major muscle | 23 Right ventricle |
| 5 Internal thoracic artery and vein | 24 Left ventricle |
| 6 Pectoralis minor muscle | 25 Subepicardial fat |
| 7 Rib 1 (bony and cartilaginous parts) | 26 Interventricular septum |
| 8 Serratus anterior muscle | 27 Right coronary artery |
| 9 Sternopericardial ligaments | 28 Mediastinal fat |
| 10 Left lung (upper lobe) | 29 Right lung (middle lobe) |
| 11 Parenchyma of right breast | 30 Phrenicomedial recess |
| 12 External intercostal muscle | 31 Oblique fissure |
| 13 Right lung (upper lobe) | 32 Diaphragm |
| 14 Internal intercostal muscle | 33 Costodiaphragmatic recess |
| 15 Pericardium | 34 Stomach |
| 16 Anterior mediastinum | 35 Rib 7 (bony part) |
| 17 Horizontal fissure | 36 Colon (left flexure) |
| 18 Right ventricular outflow tract (pulmonary trunk) | 37 Liver |
| 19 Right atrial appendage (auricle) | |



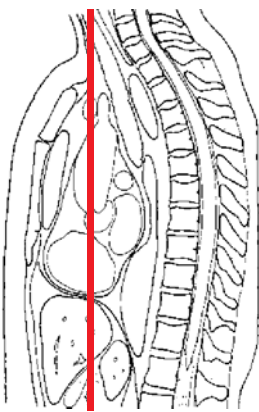
- Right lung
- 1 Apical segment of upper lobe
 - 2 Anterior segment of upper lobe
 - 3 Lateral segment of middle lobe
 - 4 Medial segment of middle lobe
 - 5 Medial basal segment of lower lobe
 - 6 Anterior basal segment of lower lobe

- Left lung
- 1+2 Apicoposterior segment of upper lobe
 - 3 Anterior segment of upper lobe
 - 4 Superior lingular segment of upper lobe
 - 5 Inferior lingular segment of upper lobe
 - (7+)8 Medial basal (cardiac) + anterior basal segments of lower lobe

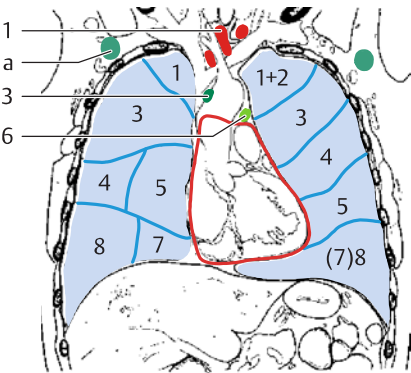
● ● ● = Lymph node (see inside back cover)
— = Borders of lung segments
— = Pericardium



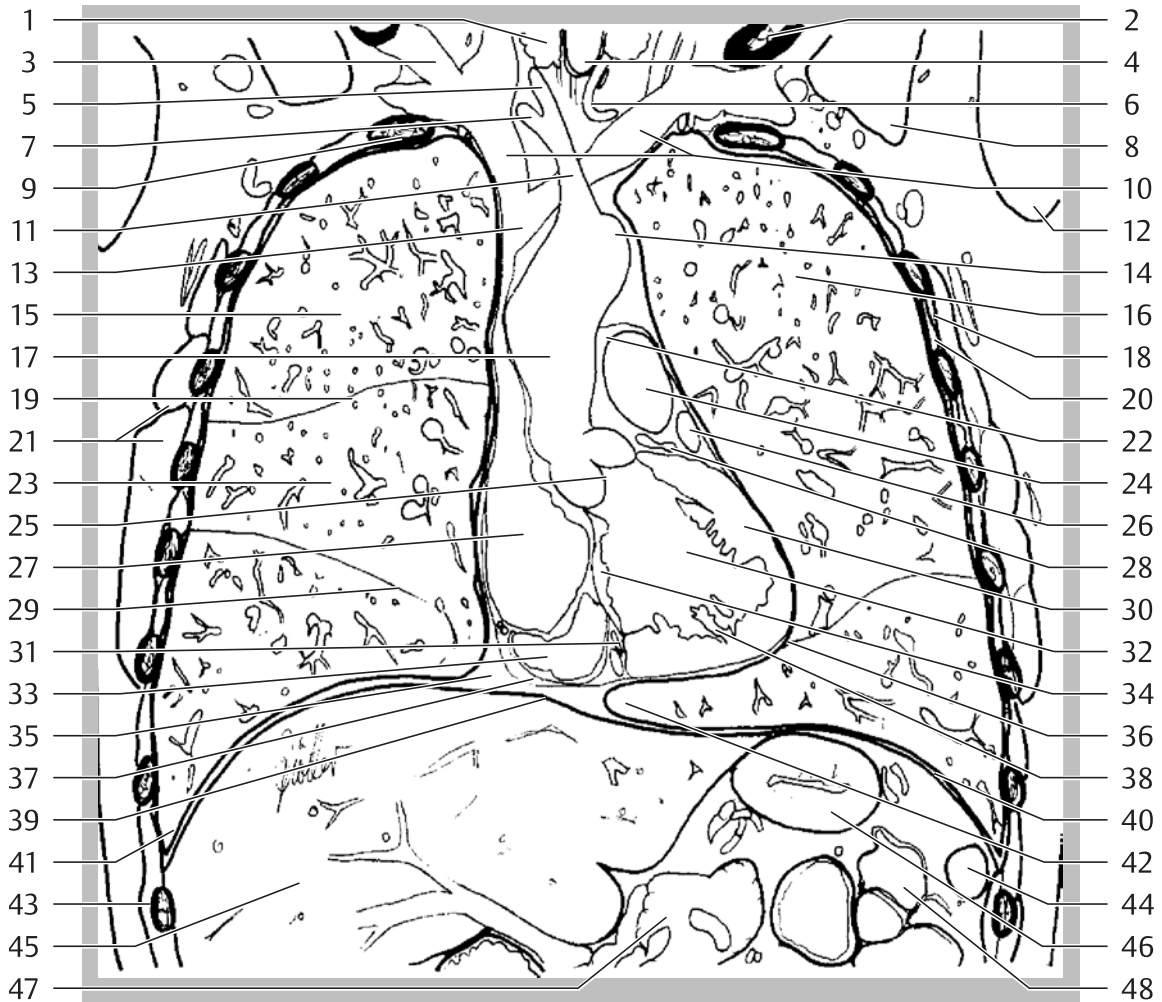
- | | |
|--------------------------------|---|
| 1 Sternocleidomastoid muscle | 24 Left coronary artery, circumflex branch (Cx) |
| 2 Sternohyoid muscle | 25 Right atrioventricular (tricuspid) valve |
| 3 Sternohyoid muscle | 26 Left lung (upper lobe) |
| 4 Subclavius muscle | 27 Right ventricle |
| 5 Clavicle | 28 Left ventricle |
| 6 Pectoralis major muscle | 29 Oblique fissure |
| 7 Rib 1 (costal cartilage) | 30 Anterior papillary muscle |
| 8 Pectoralis minor muscle | 31 Right coronary artery |
| 9 Sternoclavicular joint | 32 Interventricular septum |
| 10 Internal thoracic artery | 33 Diaphragm |
| 11 Anterior mediastinum | 34 Apex of heart |
| 12 Serratus anterior muscle | 35 Liver (right lobe) |
| 13 Right lung (upper lobe) | 36 Phrenicmediastinal recess |
| 14 External intercostal muscle | 37 Costodiaphragmatic recess |
| 15 Ascending aorta | 38 Stomach |
| 16 Internal intercostal muscle | 39 Portal vein |
| 17 Rib 4 (bony part) | 40 Colon (left flexure) |
| 18 Breast parenchyma | 41 Common hepatic artery |
| 19 Horizontal fissure | 42 External oblique muscle |
| 20 Pericardial cavity | 43 Gallbladder |
| 21 Aortic bulb (section) | 44 Pancreas |
| 22 Pulmonary trunk | |
| 23 Right atrium | |



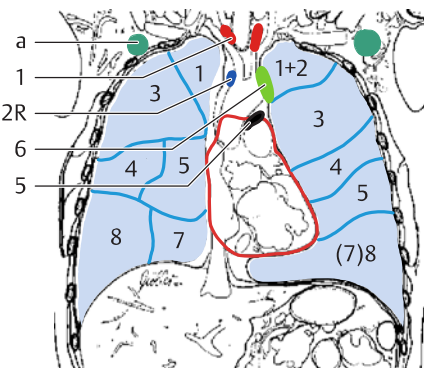
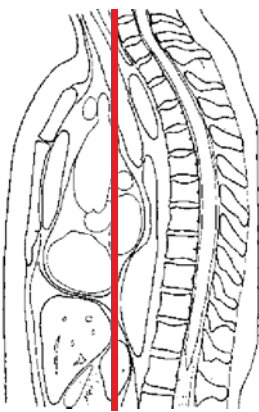
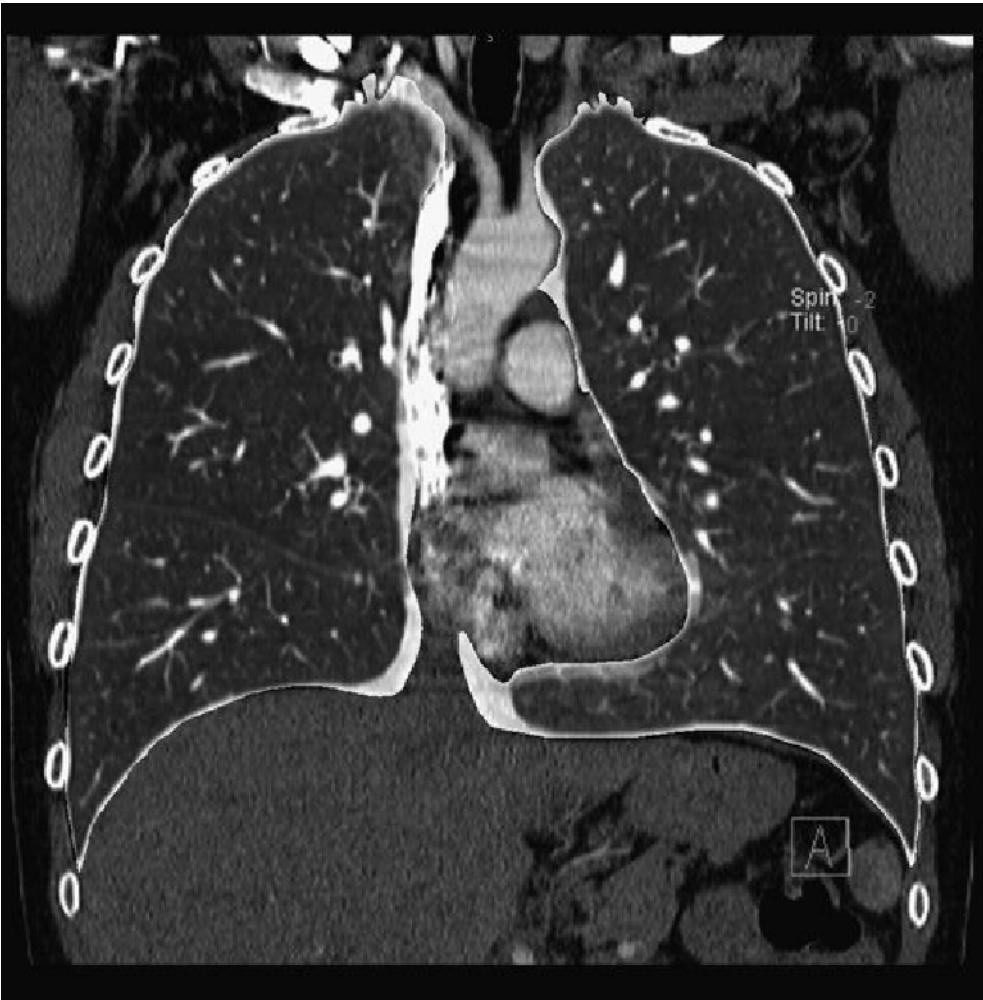
- 1 Thyroid gland
- 2 Clavicle
- 3 Right subclavian vein
- 4 Trachea
- 5 Common carotid artery
- 6 Thyroid ima artery
- 7 Subclavian artery
- 8 Pectoralis major muscle



- ● ● ● = Lymph node (see inside back cover)
- = Borders of lung segments
- = Pericardium



- | | |
|---|------------------------------|
| 9 Rib 1 (bony part) | 29 Oblique fissure |
| 10 Brachiocephalic veins (right and left) | 30 Myocardium |
| 11 Brachiocephalic trunk | 31 Right coronary artery |
| 12 Latissimus dorsi muscle | 32 Left ventricle |
| 13 Superior vena cava | 33 Right ventricle |
| 14 Aortic arch | 34 Interventricular septum |
| 15 Right lung (upper lobe) | 35 Mediastinal fat |
| 16 Left lung (upper lobe) | 36 Apex of heart |
| 17 Ascending aorta | 37 Subepicardial fat |
| 18 External intercostal muscle | 38 Anterior papillary muscle |
| 19 Horizontal fissure | 39 Central tendon |
| 20 Internal intercostal muscle | 40 Diaphragm |
| 21 Serratus anterior muscle | 41 Costodiaphragmatic recess |
| 22 Pericardium (superior aortic recess) | 42 Phrenicomedial recess |
| 23 Right lung (middle lobe) | 43 External oblique muscle |
| 24 Pulmonary trunk | 44 Spleen |
| 25 Aortic valve | 45 Liver (right lobe) |
| 26 Left atrial appendage | 46 Stomach |
| 27 Right atrium | 47 Pancreas |
| 28 Left coronary artery, circumflex branch (Cx) | 48 Colon (left flexure) |

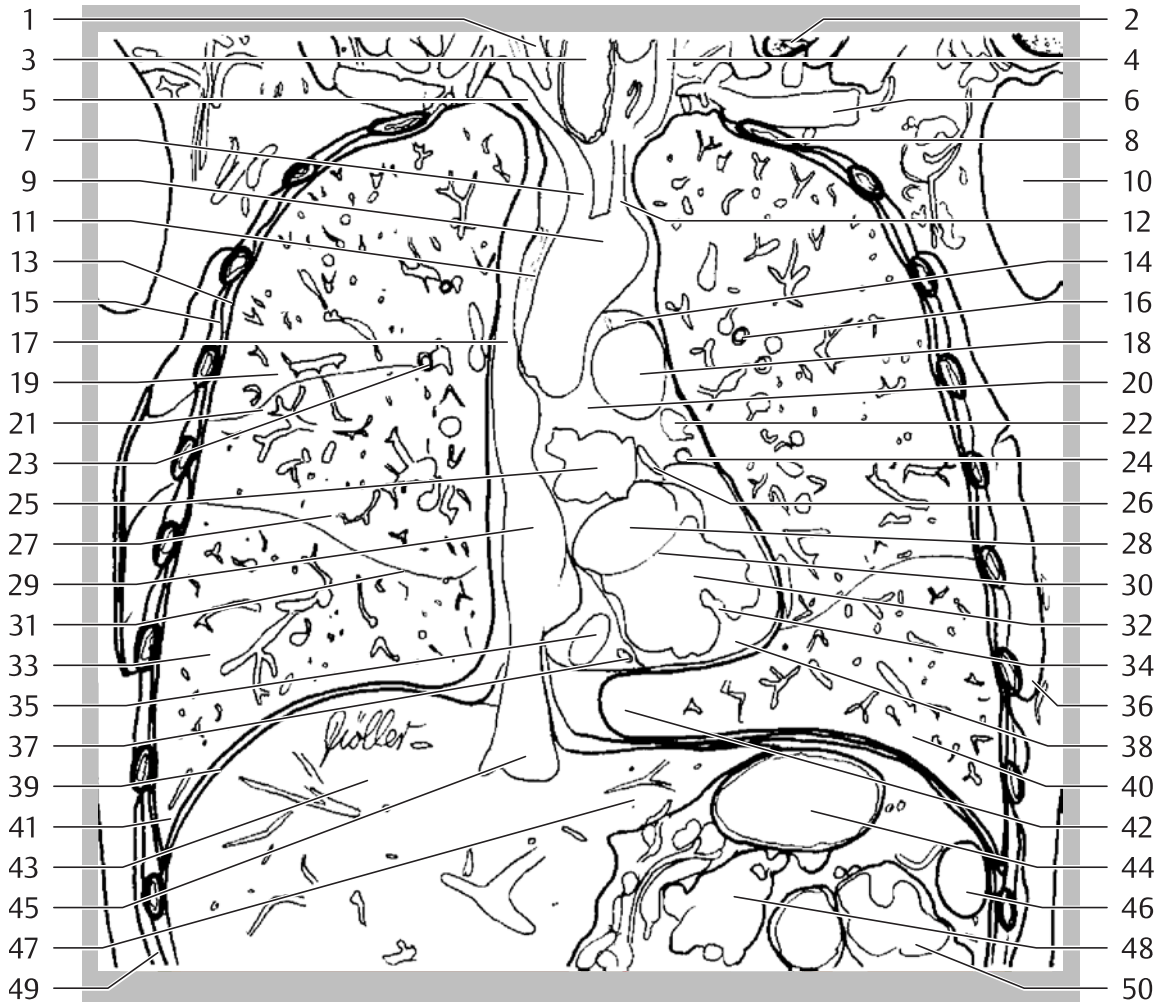


- 1 Right common carotid artery
- 2 Clavicle
- 3 Trachea
- 4 Jugular vein
- 5 Right subclavian artery
- 6 Left subclavian vein
- 7 Brachiocephalic trunk
- 8 Rib 1 (bony part)
- 9 Aortic arch
- 10 Latissimus dorsi muscle
- 11 Pericardial cavity (lateral part of superior aortic recess)
- 12 Left common carotid artery
- 13 Internal intercostal muscle
- 14 Pericardial cavity (superior aortic recess)

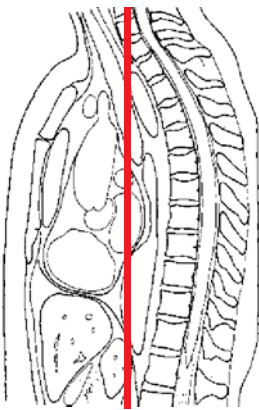
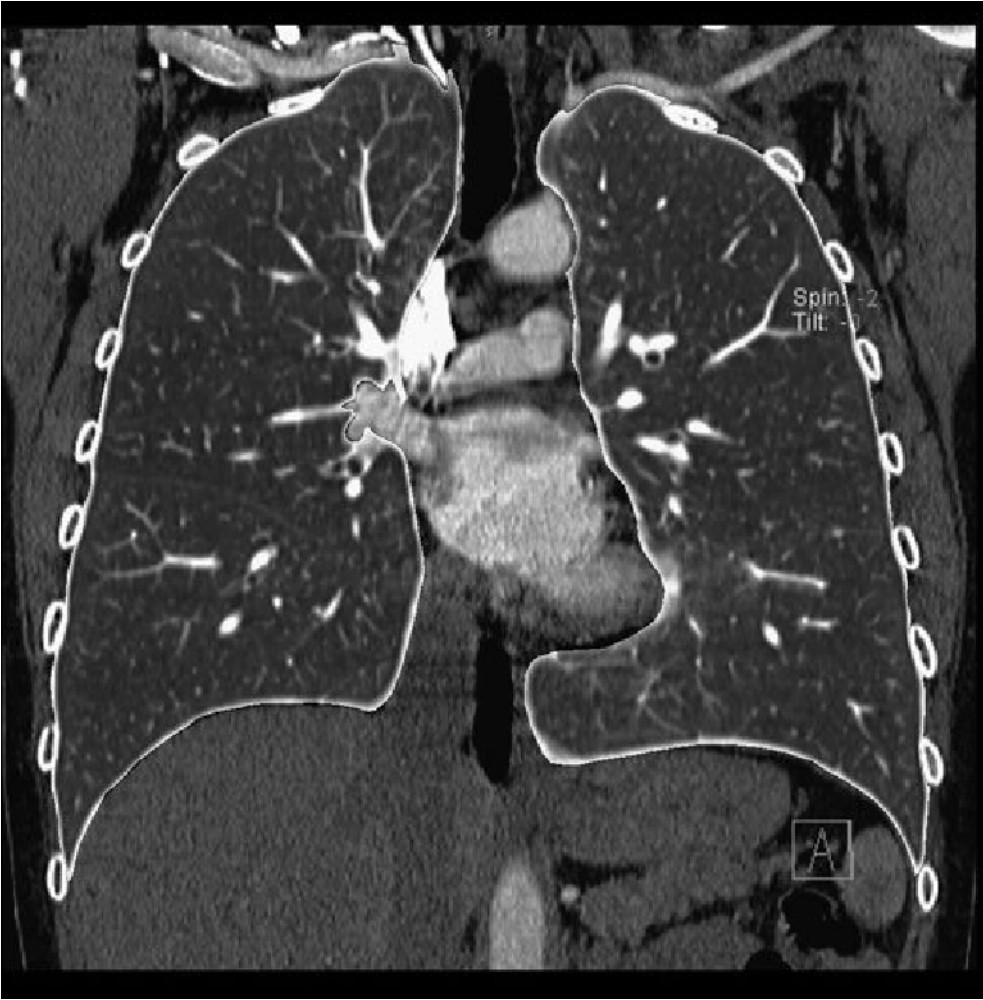
● ● ● ● ● = Lymph node (see inside back cover)

— = Borders of lung segments

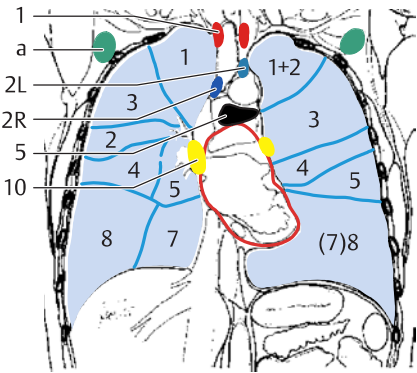
— = Pericardium



- | | | | |
|----|--|----|--|
| 15 | External intercostal muscle | 32 | Left ventricle |
| 16 | Anterior segmental bronchus of left upper lobe | 33 | Right lung (lower lobe) |
| 17 | Superior vena cava | 34 | Posterior papillary muscle in left ventricle |
| 18 | Pulmonary trunk | 35 | Coronary sinus |
| 19 | Right lung (upper lobe) | 36 | Serratus anterior muscle |
| 20 | Transverse pericardial sinus | 37 | Right coronary artery |
| 21 | Horizontal fissure | 38 | Myocardium |
| 22 | Left atrial appendage (auricle) | 39 | Diaphragm |
| 23 | Anterior segmental bronchus of right upper lobe | 40 | Left lung (lower lobe) |
| 24 | Left coronary artery, circumflex branch (Cx) | 41 | Costodiaphragmatic recess |
| 25 | Right atrial appendage | 42 | Phrenicmediastinal recess |
| 26 | Left coronary artery, anterior interventricular branch (LAD) | 43 | Liver (right lobe) |
| 27 | Right lung (middle lobe) | 44 | Stomach |
| 28 | Left atrium | 45 | Inferior vena cava |
| 29 | Right atrium | 46 | Spleen |
| 30 | Left atrioventricular (mitral) valve | 47 | Liver (left lobe) |
| 31 | Oblique fissure | 48 | Pancreas |
| | | 49 | External oblique muscle |
| | | 50 | Colon (left flexure) |



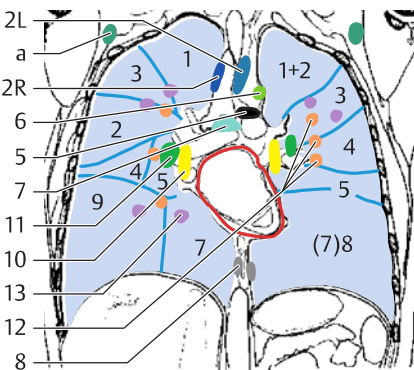
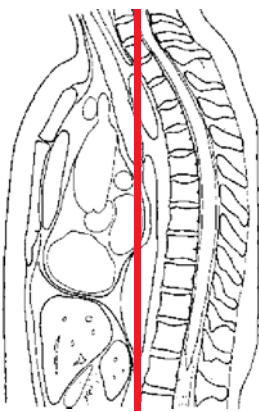
- 1 Right vertebral artery
- 2 Subclavian artery and vein
- 3 Subscapularis muscle
- 4 Trachea
- 5 Rib 1 (bony part)
- 6 Latissimus dorsi muscle
- 7 Right lung (upper lobe)
- 8 Left lung (upper lobe)



- ● ● = Lymph node
- ● ● (see inside back cover)
- = Borders of lung segments
- = Pericardium



- | | |
|---|--|
| 9 Superior vena cava | 27 Inferior vena cava |
| 10 Aortic arch | 28 Left ventricle |
| 11 Right pulmonary artery | 29 Intercostal vein, artery, and nerve |
| 12 Aortopulmonary window | 30 Coronary sinus |
| 13 Anterior segmental bronchus (upper lobe) | 31 Internal intercostal muscle |
| 14 Pulmonary trunk | 32 Myocardium |
| 15 Horizontal fissure | 33 External intercostal muscle |
| 16 Anterior segmental bronchus (left), upper lobe | 34 Right coronary artery |
| 17 Right superior pulmonary vein | 35 Diaphragm |
| 18 Superior lingular bronchus (left) | 36 Phrenicomedial recess |
| 19 Right lung (middle lobe) | 37 Hepatic vein |
| 20 Left atrial appendage | 38 Oesophagus |
| 21 Serratus anterior muscle | 39 Costodiaphragmatic recess |
| 22 Left coronary artery, circumflex branch (Cx) | 40 Stomach |
| 23 Oblique fissure | 41 Liver (right lobe) |
| 24 Left atrium | 42 Spleen |
| 25 Right lung (lower lobe) | 43 Descending aorta |
| 26 Mitral valve | 44 Pancreas |
| | 45 Diaphragm (lumbar part) |
| | 46 Colon |



Right lung

- 1 Apical segment of upper lobe
- 2 Posterior segment of upper lobe
- 3 Anterior segment of upper lobe
- 4 Lateral segment of middle lobe
- 5 Medial segment of middle lobe
- 7 Medial basal segment of lower lobe
- 9 Anterior basal segment of lower lobe

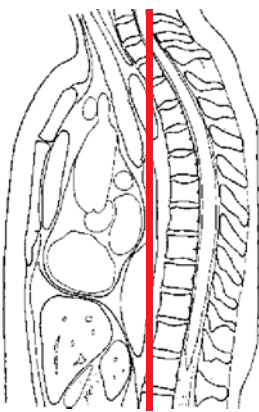
Left lung

- 1+2 Apicoposterior segment of upper lobe
- 3 Anterior segment of upper lobe
- 4 Superior lingular segment of upper lobe
- 5 Inferior lingular segment of upper lobe
- (7)+8 Medial basal (cardiac) + anterior basal segments of lower lobe

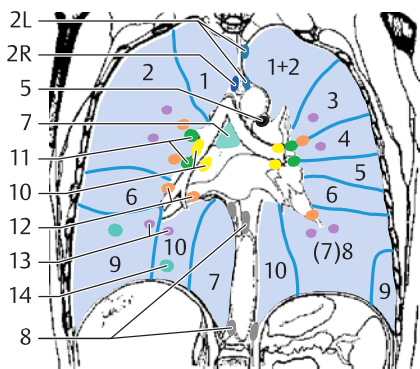
- ● ● ● ● = Lymph node
- ● ● ● ● (see inside back cover)
- = Borders of lung segments
- = Pericardium



- | | |
|--|---|
| 1 Oesophagus | 22 Left atrium |
| 2 Left vertebral artery | 23 Medial segmental bronchus (right), middle lobe |
| 3 Rib 1 (bony part) | 24 Serratus anterior muscle |
| 4 Subscapularis muscle | 25 Internal intercostal muscle |
| 5 Right lung (upper lobe) | 26 Left coronary artery, circumflex branch (Cx) |
| 6 Left subclavian artery | 27 Oblique fissure |
| 7 Trachea | 28 Left lung (lower lobe) |
| 8 Aortic arch | 29 External intercostal muscle |
| 9 Azygos vein | 30 Left ventricle |
| 10 Latissimus dorsi muscle | 31 Coronary sinus |
| 11 Right superior lobar bronchus | 32 Vagus nerve (left) |
| 12 Left pulmonary artery | 33 Vagus nerve (right) |
| 13 Right ascending pulmonary artery | 34 Diaphragm |
| 14 Left pulmonary artery | 35 Inferior vena cava |
| 15 Anterior segmental bronchus (right), upper lobe | 36 Stomach |
| 16 Anterior segmental bronchus (left), upper lobe | 37 Costodiaphragmatic recess |
| 17 Horizontal fissure | 38 Pancreas |
| 18 Superior pulmonary vein | 39 Descending aorta |
| 19 Right descending pulmonary artery | 40 Spleen |
| 20 Superior lingular bronchus | 41 Liver (right lobe) |
| 21 Right lung (middle lobe) | 42 Diaphragm (lumbar part) |



- 1 Rib 1 (bony part)
- 2 Middle scalene muscle
- 3 Infraspinatus muscle
- 4 Subscapularis muscle
- 5 Scapula
- 6 Left lung (upper lobe)
- 7 Right lung (upper lobe)
- 8 Latissimus dorsi muscle
- 9 Carina (tracheal bifurcation)
- 10 Oesophagus
- 11 Azygos vein and right main bronchus
- 12 Aortic arch
- 13 Subcarinal space

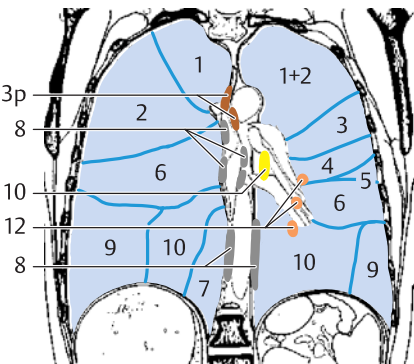
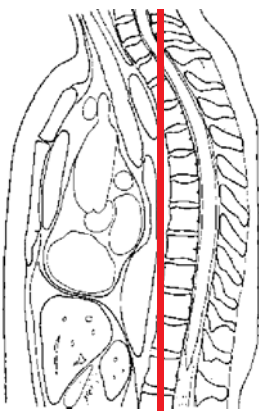
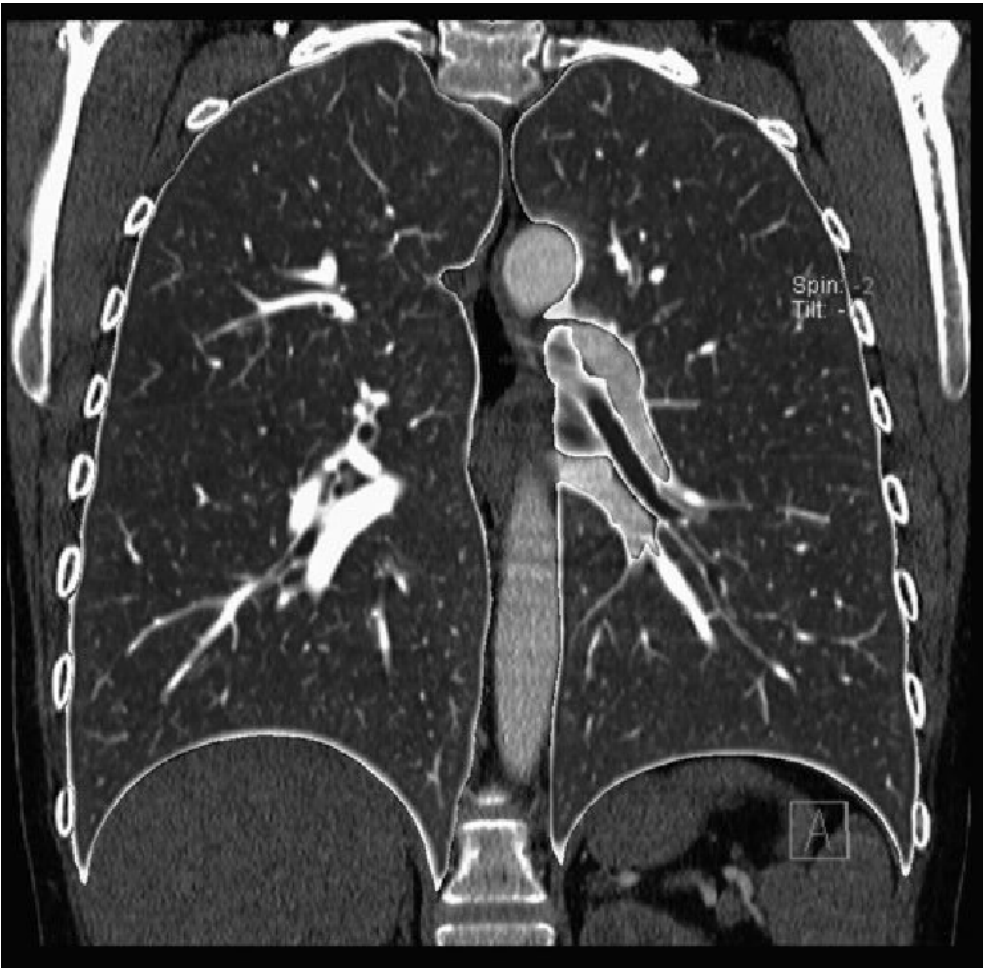


● ● ● ● = Lymph node
● ● ● (see inside back cover)

— = Borders of lung segments



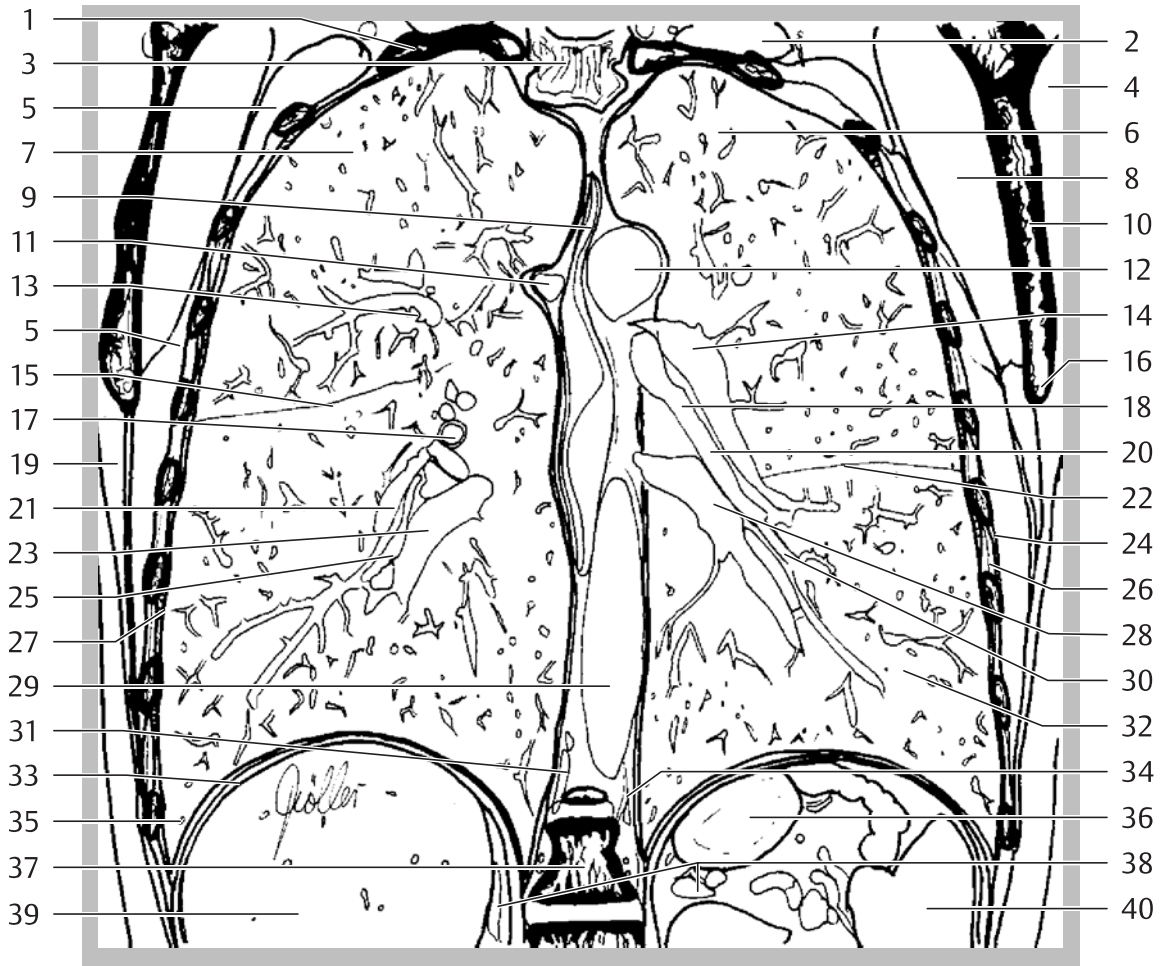
- | | | | |
|----|--|----|--|
| 14 | Apical segmental artery (left apical pulmonary artery) | 30 | Superior segmental bronchus (VI), lower lobe |
| 15 | Right superior lobar bronchus | 31 | Lateral basal segmental bronchus (IX), lower lobe |
| 16 | Apicoposterior segmental bronchus (left, I and II), upper lobe | 32 | Left (interlobar) pulmonary artery, basal part |
| 17 | Serratus anterior muscle | 33 | Posterior basal segmental bronchus (X), lower lobe |
| 18 | Intercostal vein, artery, and nerve | 34 | Internal intercostal muscle |
| 19 | Intermediate bronchus (middle and lower lobes) | 35 | Right lung (lower lobe) |
| 20 | Left pulmonary artery | 36 | External intercostal muscle |
| 21 | Oblique fissure (right) | 37 | Descending aorta |
| 22 | Left main bronchus | 38 | Innermost intercostal muscle |
| 23 | Right pulmonary artery | 39 | Diaphragm |
| 24 | Left superior pulmonary vein | 40 | Left lung (lower lobe) |
| 25 | Right inferior lobar bronchus (basal trunk) | 41 | Costodiaphragmatic recess |
| 26 | Left atrium | 42 | Stomach |
| 27 | Right inferior pulmonary vein | 43 | Liver (right lobe) |
| 28 | Left inferior pulmonary vein | 44 | Pancreas |
| 29 | Anterior basal segmental bronchus (VIII), lower lobe | 45 | Diaphragm (lumbar part) |
| | | 46 | Spleen |



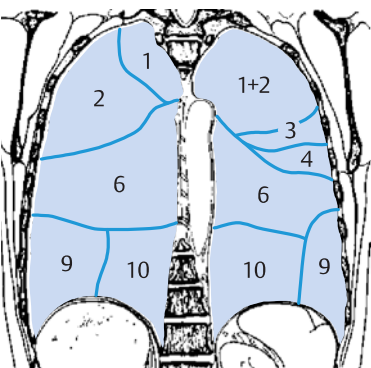
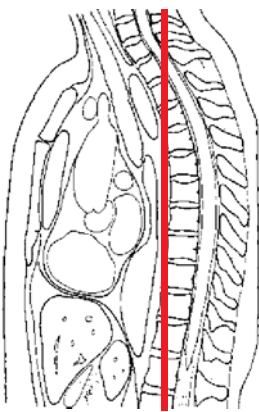
- Right lung
- 1 Apical segment of upper lobe
 - 2 Posterior segment of upper lobe
 - 6 Superior segment of lower lobe
 - 7 Medial basal segment of lower lobe
 - 9 Lateral basal segment of lower lobe
 - 10 Posterior basal segment of lower lobe

- Left lung
- 1 + 2 Apicoposterior segment of upper lobe
 - 3 Anterior segment of upper lobe
 - 4 Superior lingular segment of upper lobe
 - 6 Superior segment of lower lobe
 - 9 Lateral basal segment of lower lobe
 - 10 Posterior basal segment of lower lobe

● ● ● = Lymph node
● ● (see inside back cover)
— = Borders of lung segments

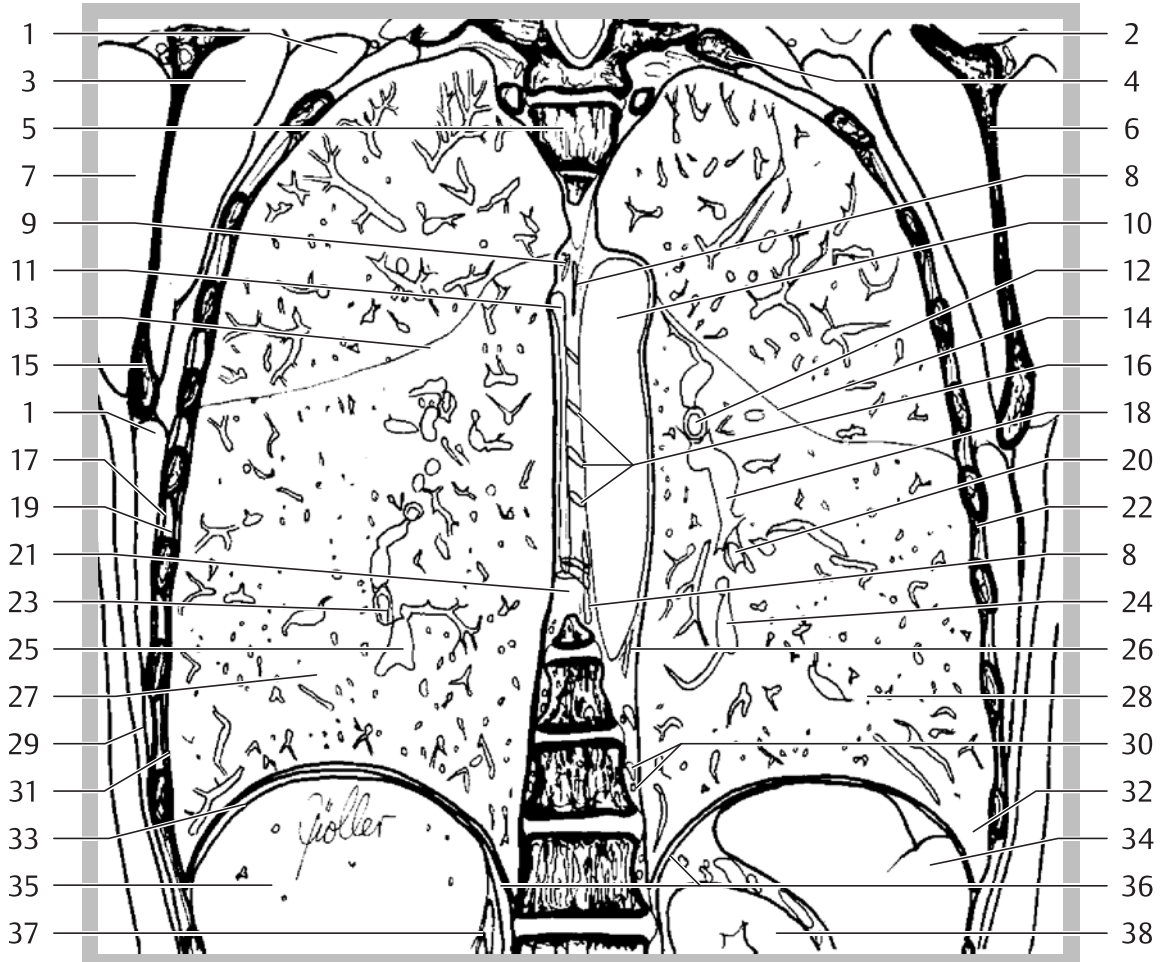


- | | |
|---|---|
| 1 Rib 1 (bony part) | 21 Right (interlobar) pulmonary artery |
| 2 Middle scalene muscle | 22 Left oblique fissure |
| 3 T1 vertebral body | 23 Right inferior pulmonary vein |
| 4 Infrapinatus | 24 External intercostal muscle |
| 5 Serratus anterior muscle | 25 Lateral basal segmental bronchus (IX), lower lobe |
| 6 Left lung (upper lobe) | 26 Internal intercostal muscle |
| 7 Right lung (upper lobe) | 27 Intercostal vein, artery, and nerve |
| 8 Subscapularis muscle | 28 Left inferior pulmonary vein |
| 9 Oesophagus | 29 Descending aorta |
| 10 Scapula | 30 Posterior basal segmental bronchus (X), lower lobe |
| 11 Azygos vein (arch) | 31 Azygos vein |
| 12 Aortic arch | 32 Left lung (lower lobe) |
| 13 Posterior segmental bronchus (right, II), upper lobe | 33 Diaphragm |
| 14 Left (interlobar) pulmonary artery | 34 Hemi-azygos vein |
| 15 Right oblique fissure | 35 Costodiaphragmatic recess |
| 16 Scapula (apex) | 36 Stomach |
| 17 Superior segmental bronchus (VI), lower lobe | 37 Vertebral body (T11) |
| 18 Left inferior lobar bronchus (intermediate bronchus) | 38 Suprarenal gland |
| 19 Latissimus dorsi muscle | 39 Liver (right lobe) |
| 20 Left inferior lobar bronchus (basal trunk) | 40 Spleen |

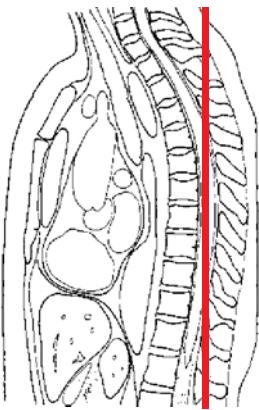


- Right lung
- 1 Apical segment of upper lobe
 - 2 Posterior segment of upper lobe
 - 6 Superior segment of lower lobe
 - 9 Lateral basal segment of lower lobe
 - 10 Posterior basal segment of lower lobe
- Left lung
- 1 + 2 Apicoposterior segment of upper lobe
 - 3 Anterior segment of upper lobe
 - 4 Superior lingular segment of upper lobe
 - 6 Superior segment of lower lobe
 - 9 Lateral basal segment of lower lobe
 - 10 Posterior basal segment of lower lobe

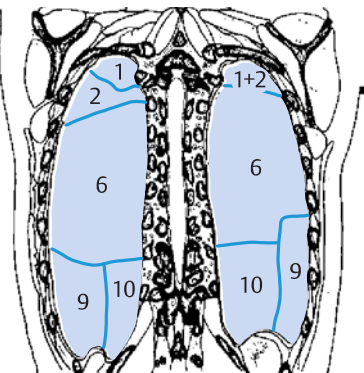
— = Borders of lung segments



- | | |
|---|--|
| 1 Serratus anterior muscle | 21 Anterior longitudinal ligament |
| 2 Supraspinatus muscle | 22 Intercostal vein, artery, and nerve |
| 3 Subscapularis muscle | 23 Posterior basal segmental bronchus (right, X), lower lobe |
| 4 Rib 1 (bony part) | 24 Inferior basal vein (to left pulmonary vein) |
| 5 Vertebral body (T2) | 25 Inferior basal vein (to right pulmonary vein) |
| 6 Scapula | 26 Hemi-azygos vein |
| 7 Infraspinatus muscle | 27 Right lung (lower lobe) |
| 8 Thoracic duct | 28 Left lung (lower lobe) |
| 9 Vagus nerve | 29 Latissimus dorsi muscle |
| 10 Descending aorta | 30 Lumbar artery and vein |
| 11 Azygos vein | 31 Innermost intercostal muscle |
| 12 Superior segmental bronchus (VI), lower lobe | 32 Costodiaphragmatic recess |
| 13 Right oblique fissure | 33 Diaphragm |
| 14 Left oblique fissure | 34 Spleen |
| 15 Scapula (inferior border) | 35 Liver (right lobe) |
| 16 Intercostal arteries | 36 Diaphragm (lumbar part) |
| 17 External intercostal muscle | 37 Suprarenal gland |
| 18 Left inferior pulmonary artery | 38 Left kidney |
| 19 Internal intercostal muscle | |
| 20 Posterior basal segmental bronchus (left, X), lower lobe | |

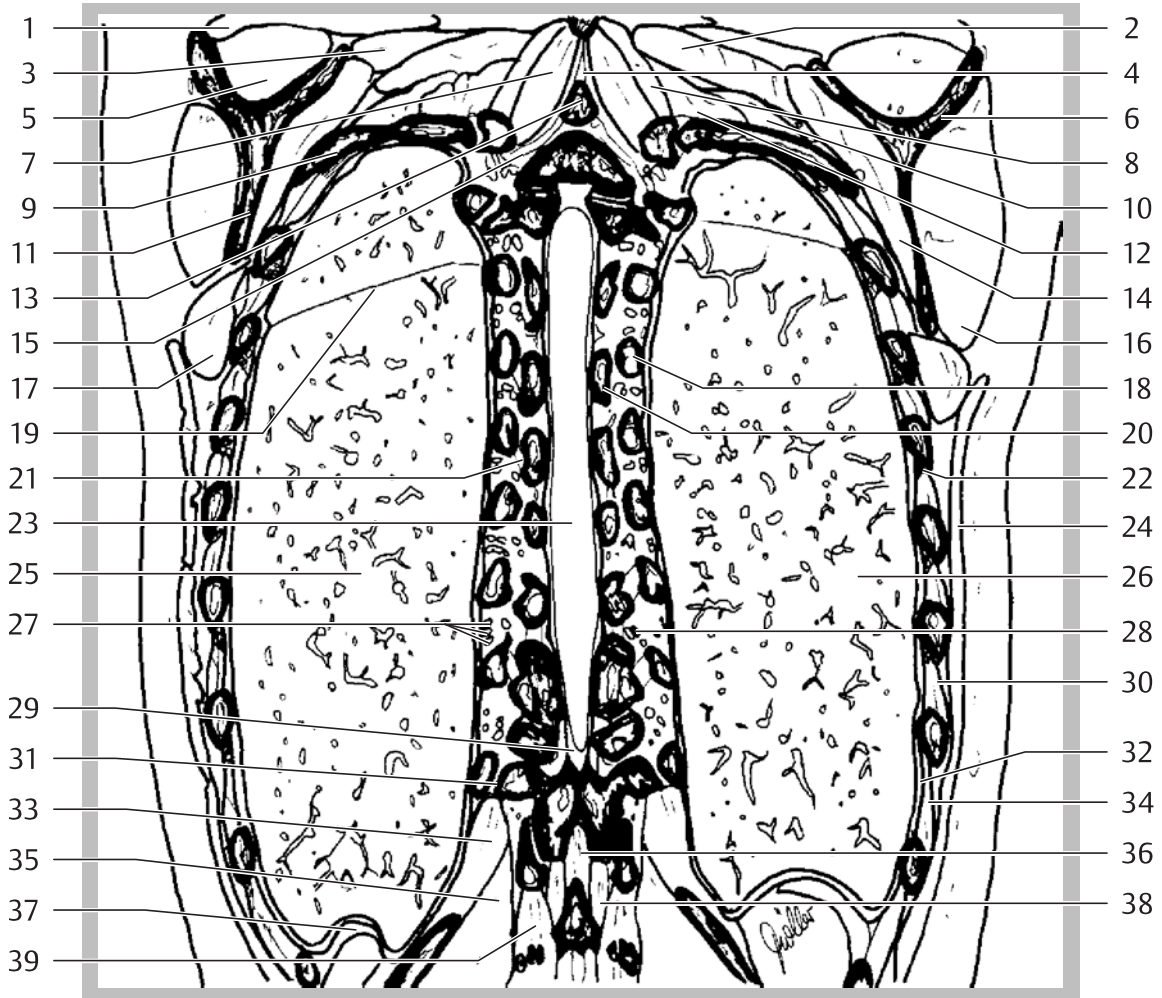


- Right Lung
- 1 Apical segment of upper lobe
 - 2 Posterior segment of upper lobe
 - 6 Superior segment of lower lobe
 - 9 Lateral basal segment of lower lobe
 - 10 Posterior basal segment of lower lobe

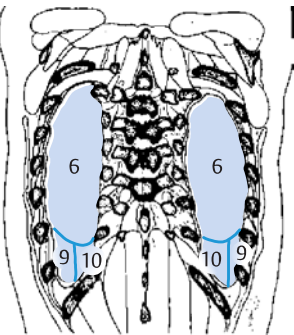
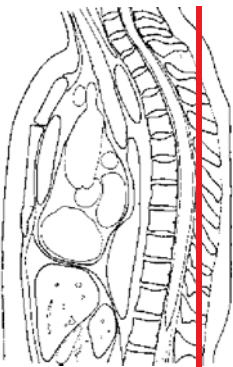


- Left lung
- 1 + 2 Apicoposterior segment of upper lobe
 - 6 Superior segment of lower lobe
 - 9 Lateral basal segment of lower lobe
 - 10 Posterior basal segment of lower lobe

— = Borders of lung segments

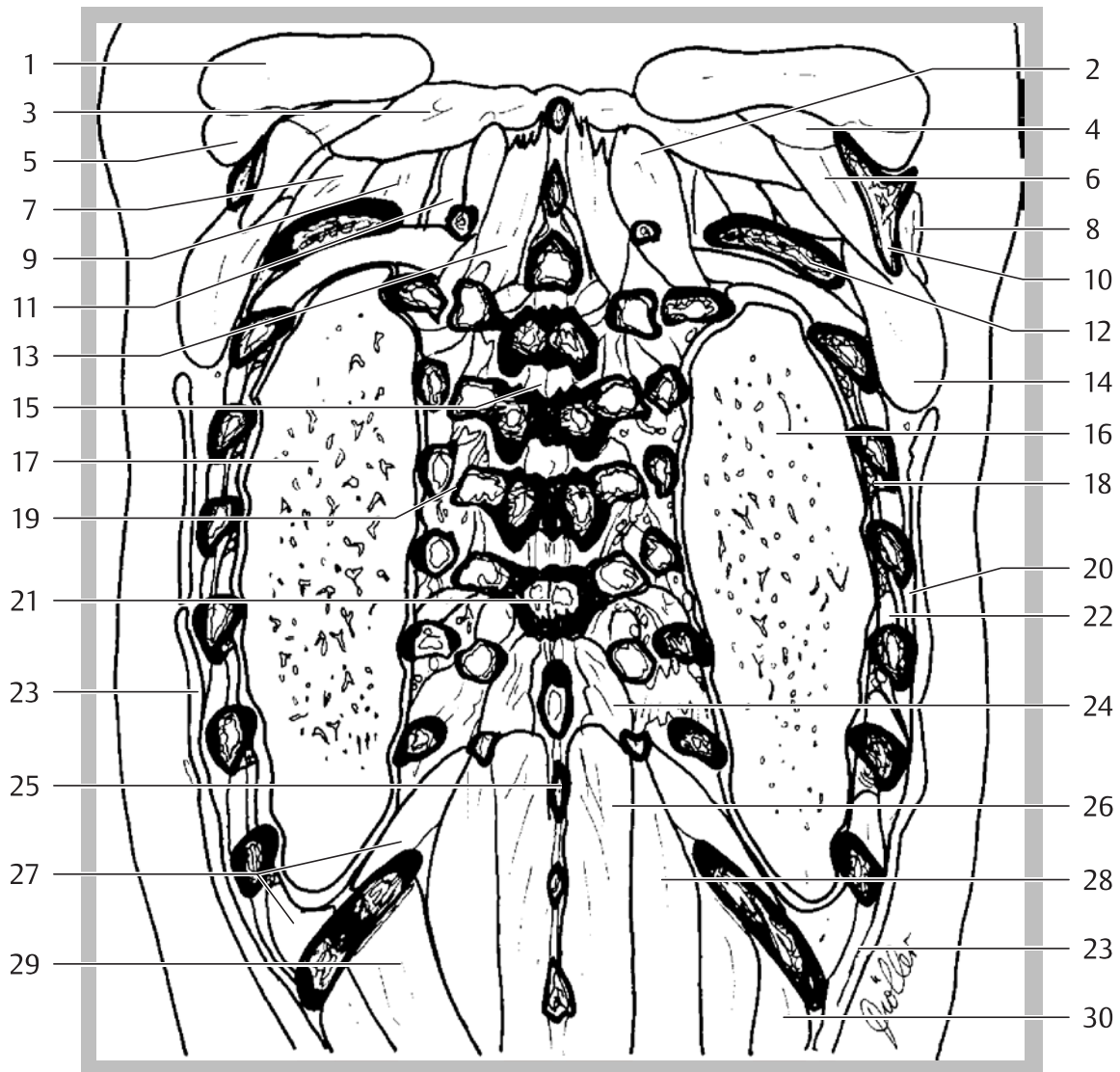


- | | | | |
|----|--|----|--|
| 1 | Trapezius muscle | 22 | Intercostal vein, artery, and nerve |
| 2 | Rhomboid muscle | 23 | Thoracic spinal cord |
| 3 | Levator scapulae muscle | 24 | Latissimus dorsi muscle |
| 4 | Interspinous ligaments | 25 | Right lung (lower lobe) |
| 5 | Supraspinatus muscle | 26 | Left lung (lower lobe) |
| 6 | Spine of scapula | 27 | Posterior intercostal vein, artery, and nerve |
| 7 | Erector spinae muscle (spinalis cervicis muscle and semispinalis capitis muscle) | 28 | Spinal ganglion |
| 8 | Longissimus muscle | 29 | Spinal dura and dural sac |
| 9 | Rib 3 (bony part) | 30 | External intercostal muscle |
| 10 | Serratus posterior superior muscle | 31 | Costovertebral joint |
| 11 | Scapula | 32 | Innermost intercostal muscle |
| 12 | Splenius cervicis muscle and iliocostalis cervicis muscle | 33 | Iliocostalis muscle |
| 13 | Spinous process | 34 | Internal intercostal muscle |
| 14 | Subscapularis muscle | 35 | Longissimus muscle (erector spinae muscle, lateral tract) |
| 15 | Intercostal nerve | 36 | Interspinous ligaments |
| 16 | Infraspinatus muscle | 37 | Diaphragm |
| 17 | Teres major muscle | 38 | Intertransversarii and rotatores muscles (erector spinae muscle, medial tract) |
| 18 | Neck of rib 6 | 39 | Spinalis lumborum muscle (erector spinae muscle, medial tract) |
| 19 | Right oblique fissure | | |
| 20 | Pedicle of vertebral arch | | |
| 21 | Costovertebral ligament | | |

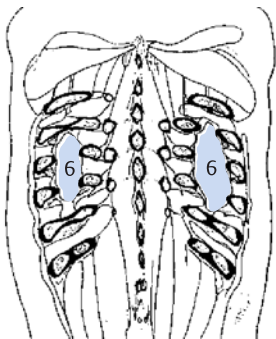
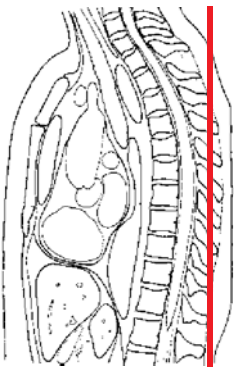
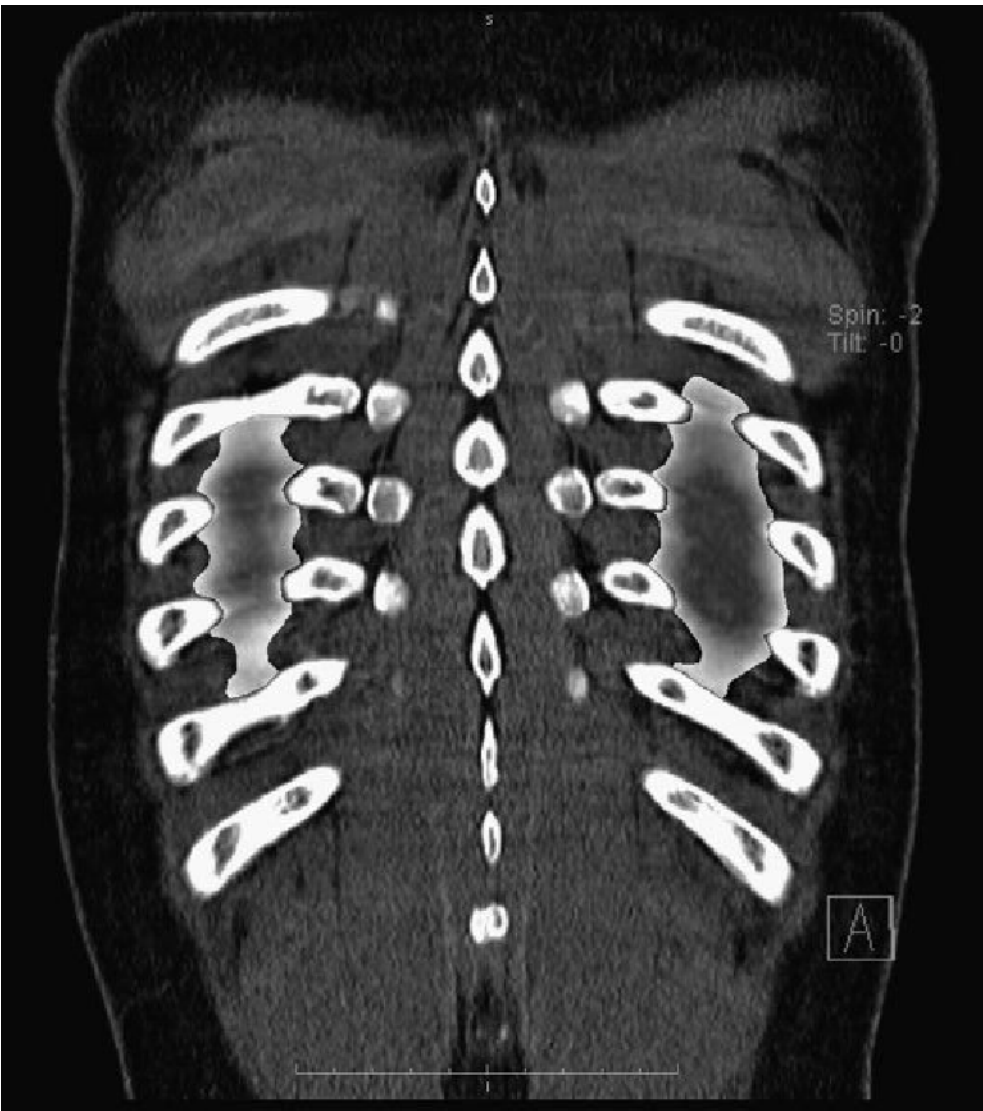


- Right Lung
- 6 Superior segment of lower lobe
 - 9 Lateral basal segment of lower lobe
 - 10 Posterior basal segment of lower lobe
- Left lung
- 6 Superior segment of lower lobe
 - 9 Lateral basal segment of lower lobe
 - 10 Posterior basal segment of lower lobe

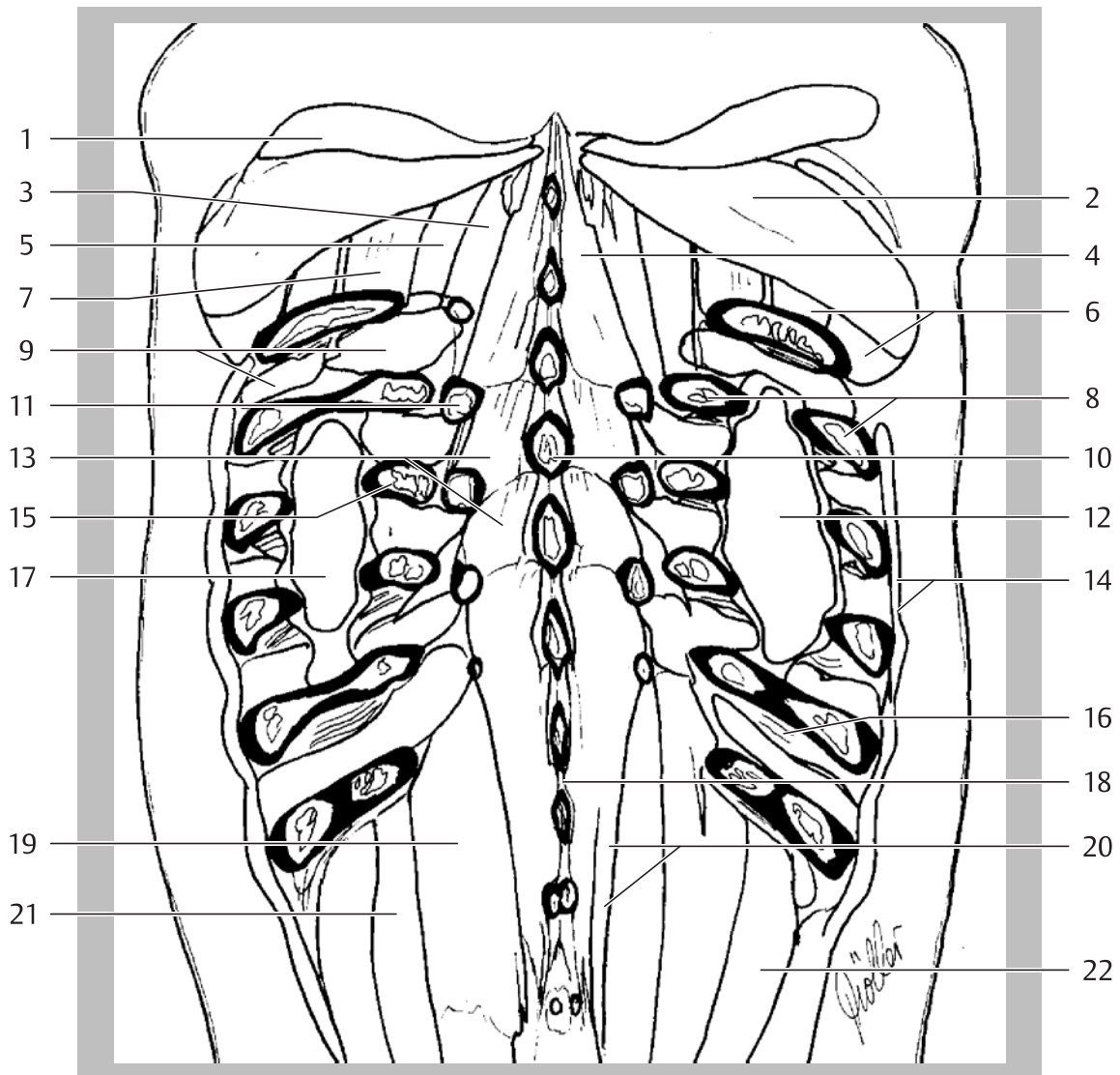
— = Borders of lung segments



- | | | | |
|----|---|----|---|
| 1 | Trapezius muscle | 18 | Intercostal vein, artery, and nerve |
| 2 | Longissimus muscle (erector spinae muscle, lateral tract) | 19 | Costotransverse joint |
| 3 | Rhomboid minor muscle | 20 | External intercostal muscle |
| 4 | Levator scapulae muscle | 21 | Posterior vertebral arch |
| 5 | Supraspinatus muscle | 22 | Internal intercostal muscle |
| 6 | Subscapularis muscle | 23 | Latissimus dorsi muscle |
| 7 | Serratus posterior superior muscle | 24 | Transversospinales muscle (erector spinae muscle, medial tract) |
| 8 | Infraspinatus muscle | 25 | Spinous process |
| 9 | Iliocostalis cervicis muscle | 26 | Spinalis lumborum muscle (erector spinae muscle, medial tract) |
| 10 | Scapula | 27 | External and internal intercostal muscles |
| 11 | Splenius cervicis muscle | 28 | Longissimus muscle (erector spinae muscle, lateral tract) |
| 12 | Rib 4 (bony part) | 29 | Iliocostalis lumborum muscle (erector spinae muscle, lateral tract) |
| 13 | Spinalis muscle (erector spinae muscle, medial tract) | 30 | Serratus posterior inferior muscle |
| 14 | Teres major muscle | | |
| 15 | Interspinous ligaments | | |
| 16 | Left lung (lower lobe) | | |
| 17 | Right lung (lower lobe) | | |

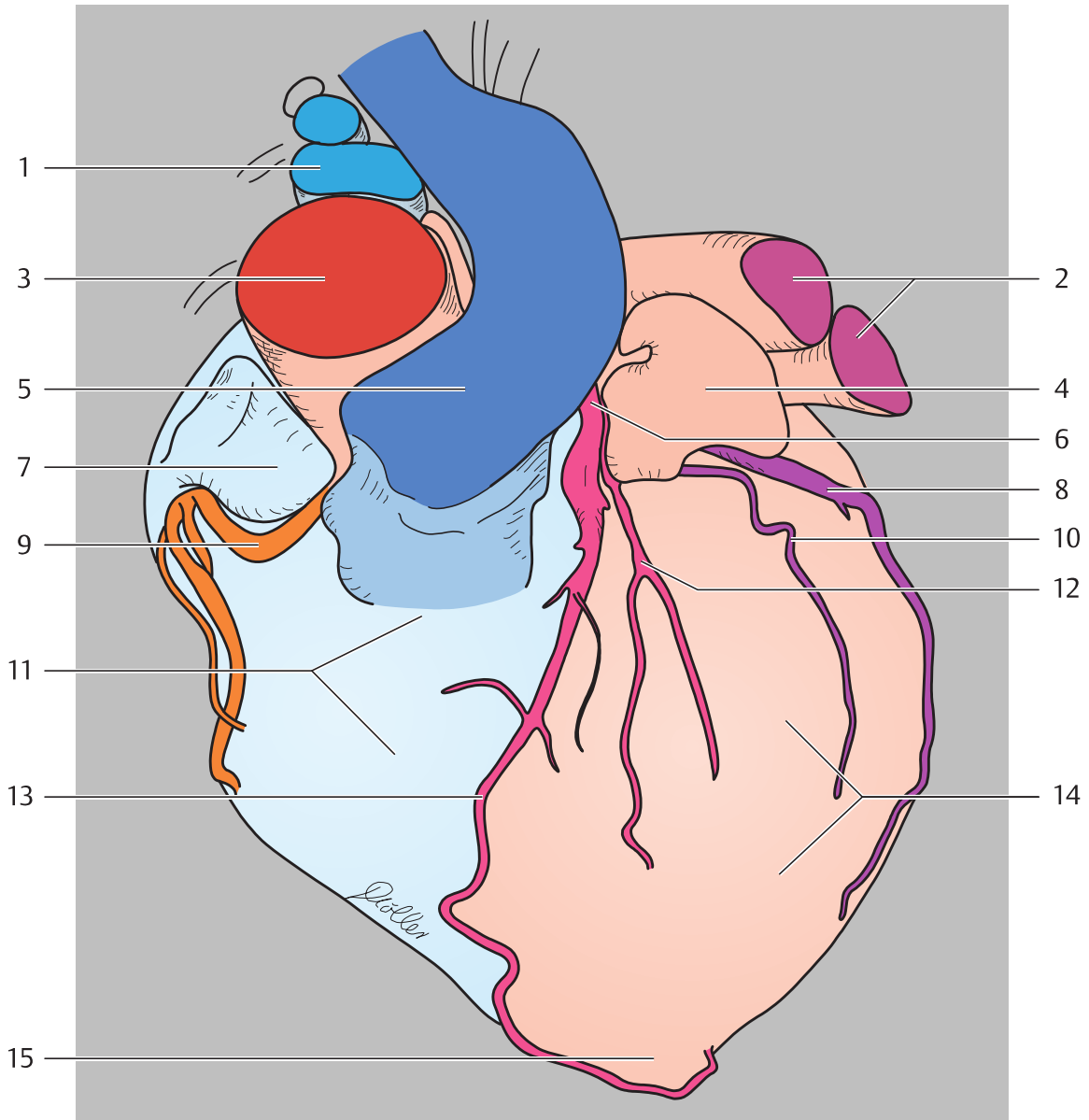


Right Lung
6 Superior segment of lower lobe
Left lung
6 Superior segment of lower lobe



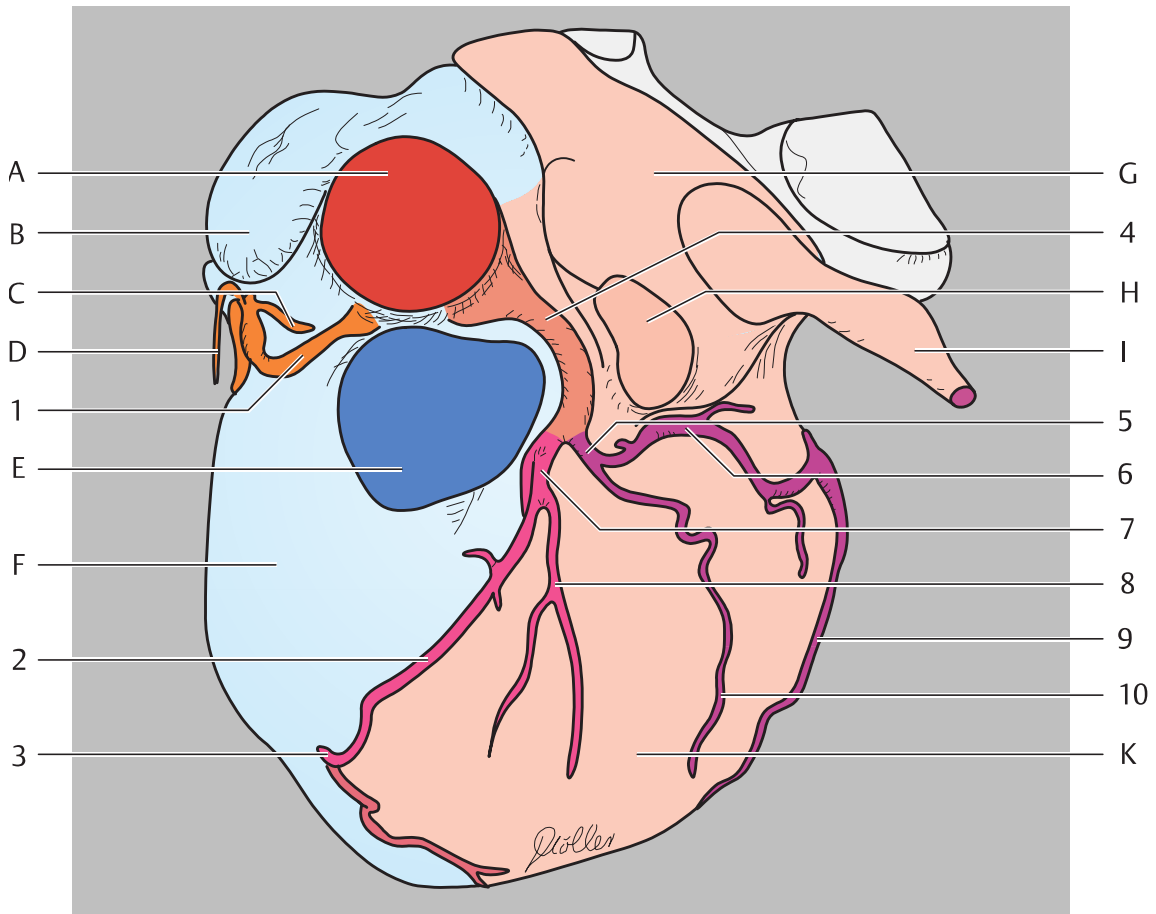
- | | | | |
|----|--|----|---|
| 1 | Trapezius muscle | 13 | Spinalis thoracis muscle (part of erector spinae muscle, medial tract) |
| 2 | Rhomboid major muscle | 14 | Latissimus dorsi muscle |
| 3 | Longissimus thoracis muscle (part of erector spinae muscle, lateral tract) | 15 | Costal tubercle |
| 4 | Spinalis cervicis muscle (part of erector spinae muscle, medial tract) | 16 | Intercostal vein, artery, and nerve |
| 5 | Splenius cervicis muscle | 17 | Right lung (lower lobe) |
| 6 | Serratus posterior superior muscle | 18 | Interspinous ligaments |
| 7 | Iliocostalis cervicis muscle | 19 | Longissimus muscle (part of erector spinae muscle, lateral tract) |
| 8 | Rib 5 (posterior part) | 20 | Spinalis thoracis muscle (part of erector spinae muscle, medial tract) |
| 9 | External and internal intercostal muscles | 21 | Iliocostalis lumborum muscle (part of erector spinae muscle, lateral tract) |
| 10 | Spinous process | 22 | Serratus posterior inferior muscle |
| 11 | Transverse process | | |
| 12 | Left lung (lower lobe) | | |





- | | |
|---|---|
| 1 Superior vena cava | 13 Anterior interventricular branch of left coronary artery (LAD = RIVA, segment 7) |
| 2 Left pulmonary veins | 14 Left ventricle |
| 3 Ascending aorta | 15 Apex of heart |
| 4 Left auricle | ■ Right coronary artery (RCA) |
| 5 Pulmonary trunk | ■ Left coronary artery (LCA) |
| 6 Left coronary artery, main stem (segment 5) | ■ Left coronary artery (anterior interventricular branch, LAD) |
| 7 Right auricle | ■ Left coronary artery (circumflex branch, LCX) |
| 8 Circumflex branch of left coronary artery (LCX, segment 13) | |
| 9 Right coronary artery (RCA, segment 1) | |
| 10 Left marginal branch of left coronary artery (first marginal branch, M1, segment 12) | |
| 11 Right ventricle | |
| 12 First lateral branch of left coronary artery (segment 9) | |
- (Segments of coronary arteries are designated according to the classification of the American Heart Association; see Austen et al. 1975)



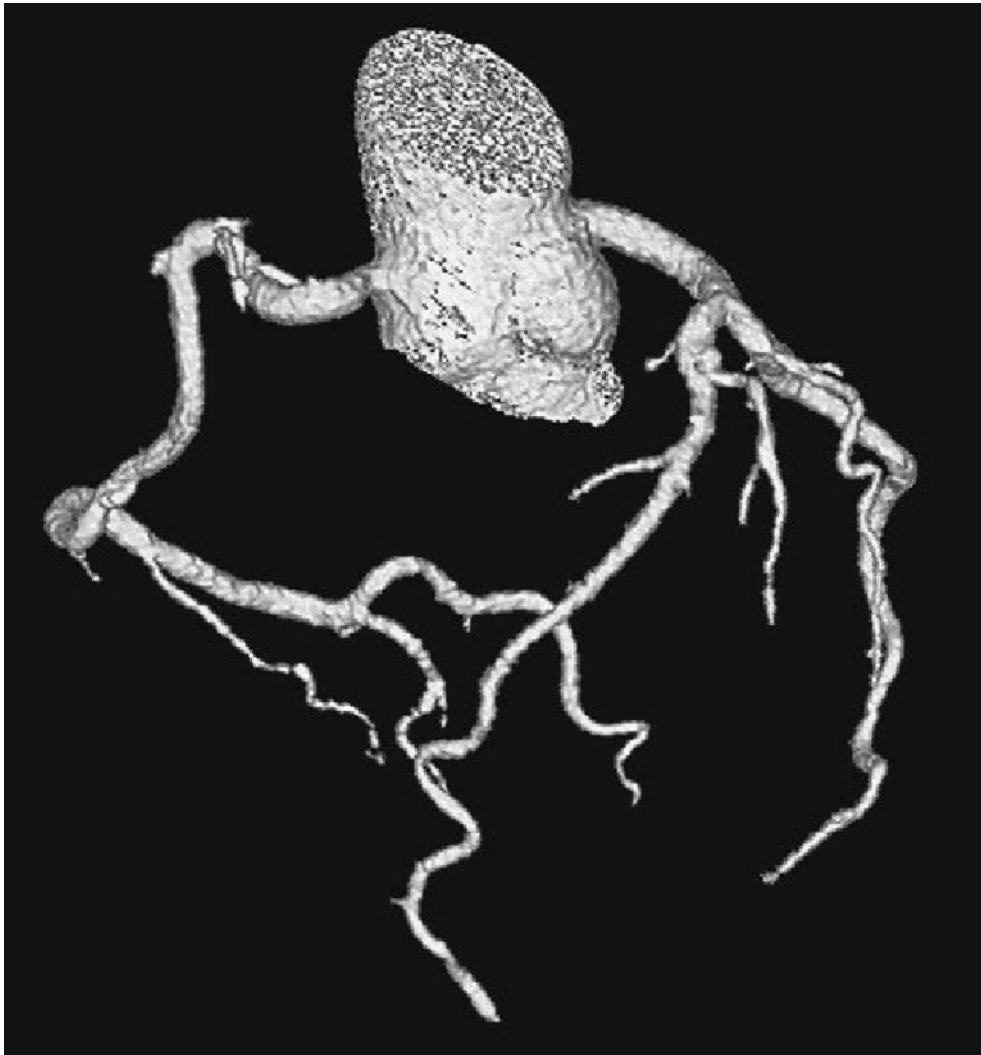


- 1 Right coronary artery (RCA, proximal segment)
- 2 Anterior interventricular branch of left coronary artery (LAD = RIVA, middle segment)
- 3 Anterior interventricular branch of left coronary artery (LAD = RIVA, distal segment)
- 4 Left coronary artery (main stem)
- 5 Circumflex branch of left coronary artery (LCX, proximal segment)
- 6 Circumflex branch of left coronary artery (LCX, middle segment)
- 7 Anterior interventricular branch of left coronary artery (LAD = RIVA, proximal segment)
- 8 First diagonal branch
- 9 Circumflex branch of left coronary artery (LCX, distal segment)
- 10 First marginal branch, M1

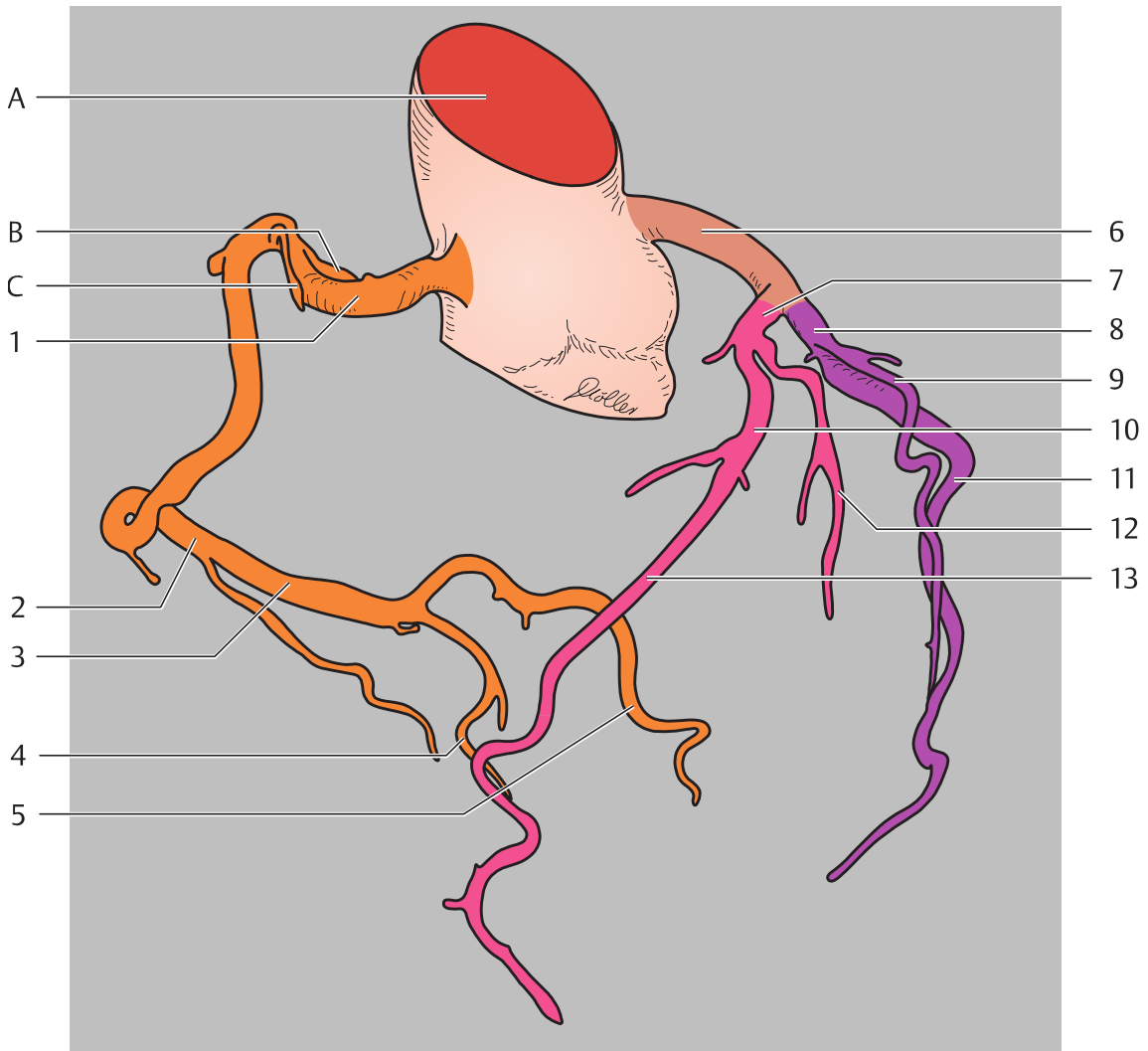
- A Ascending aorta with aortic sinus
- B Right auricle
- C Sinu-atrial nodal branch
- D Conus branch
- E Pulmonary trunk
- F Right ventricle
- G Left atrium
- H Left auricle
- I Left pulmonary vein
- K Left ventricle

- Right coronary artery (RCA)
- Left coronary artery (LCA)
- Left coronary artery (anterior interventricular branch, LAD)
- Left coronary artery (circumflex branch, LCX)

(Segments of coronary arteries are designated according to the classification of the American Heart Association; see Austen et al. 1975)



- 1 Right coronary artery (RCA, proximal segment)
- 2 Right coronary artery (RCA, middle segment)
- 3 Right coronary artery (RCA, distal segment)
- 4 Posterior interventricular branch of right coronary artery
- 5 Posterior left interventricular branch of right coronary artery
- 6 Left coronary artery (main stem) ►

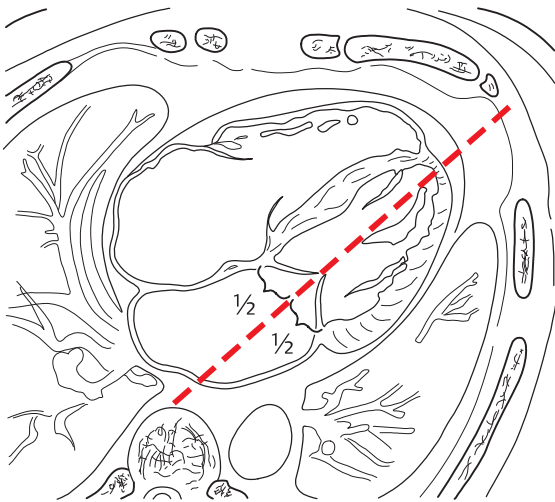


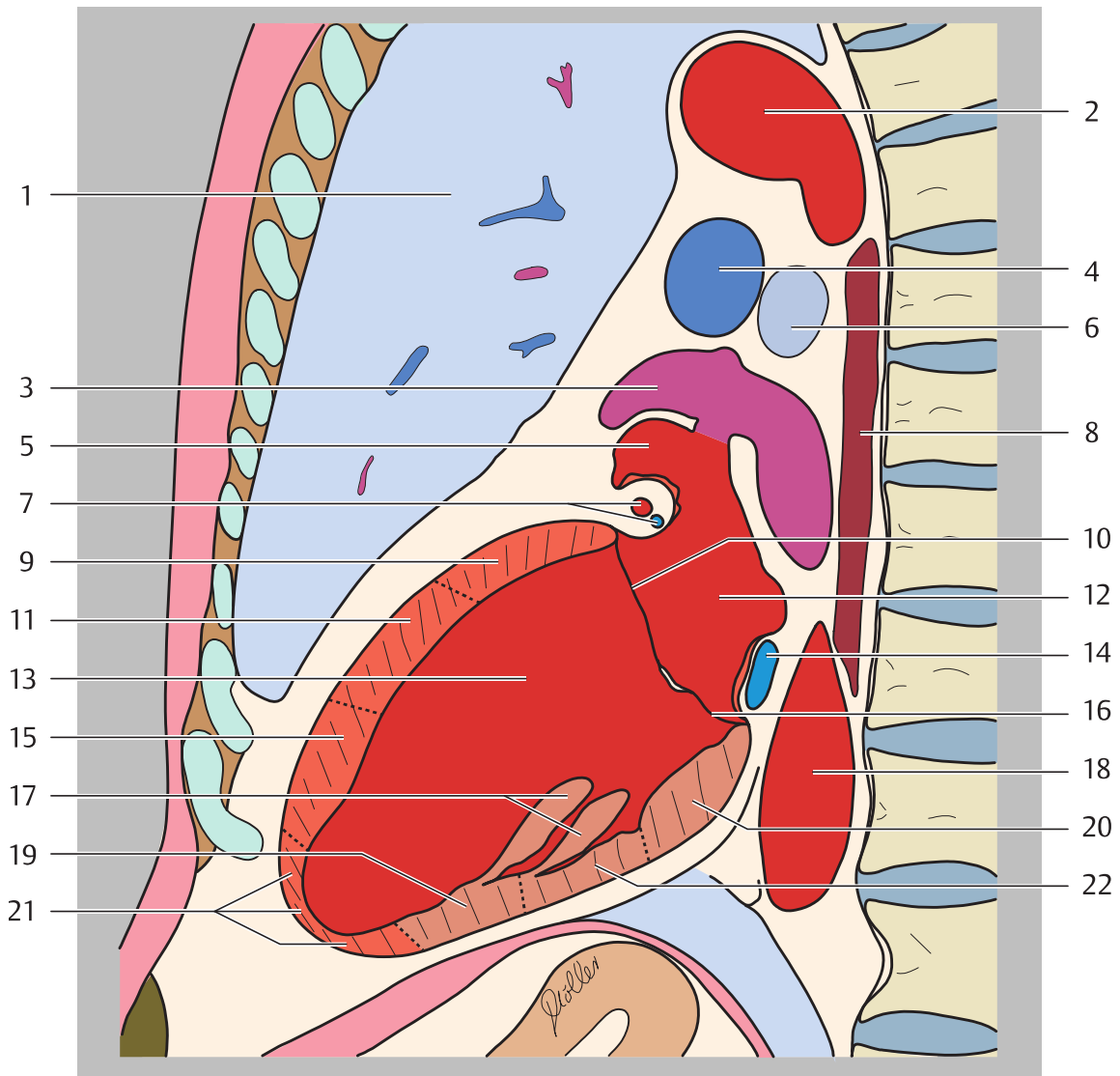
- 7 Anterior interventricular branch of left coronary artery (LAD = RIVA, proximal segment)
- 8 Circumflex branch of left coronary artery (LCX, proximal segment)
- 9 First marginal branch, M1
- 10 Anterior interventricular branch of left coronary artery (LAD = RIVA, middle segment)
- 11 Circumflex branch of left coronary artery (LCX, middle segment)
- 12 First diagonal branch
- 13 Anterior interventricular branch of left coronary artery (LAD = RIVA, distal segment)

- A Ascending aorta
- B Sinu-atrial nodal branch
- C Conus branch

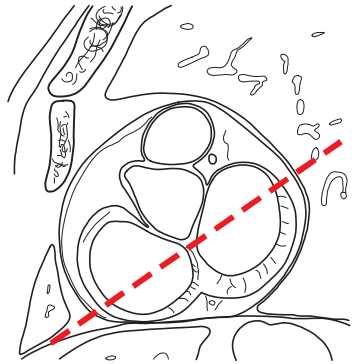
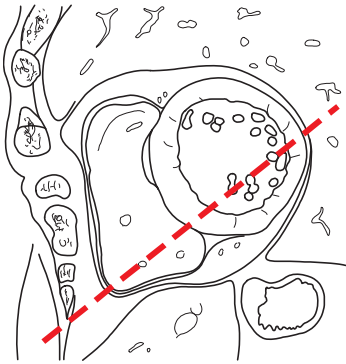
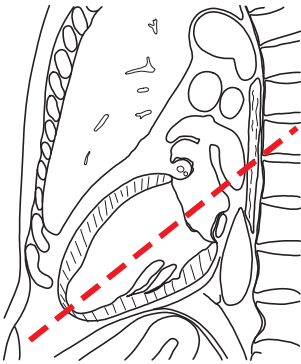
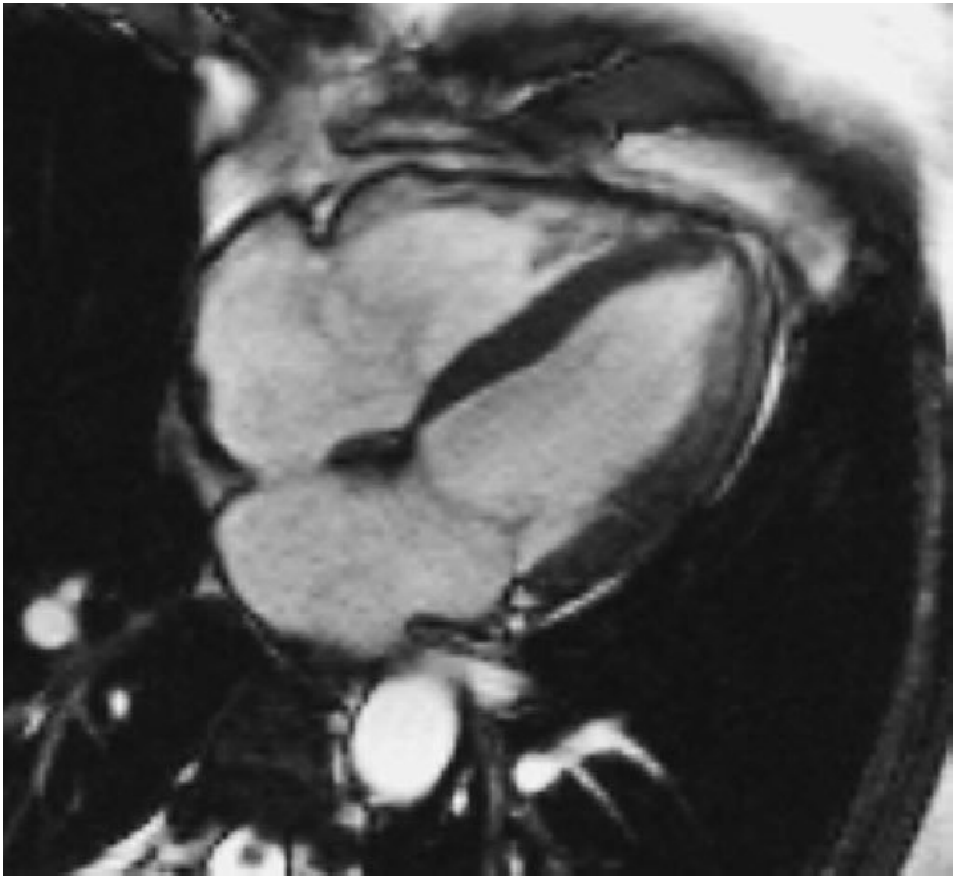
- Right coronary artery (RCA)
- Left coronary artery (LCA)
- Left coronary artery (anterior interventricular branch, LAD)
- Left coronary artery (circumflex branch, LCX)

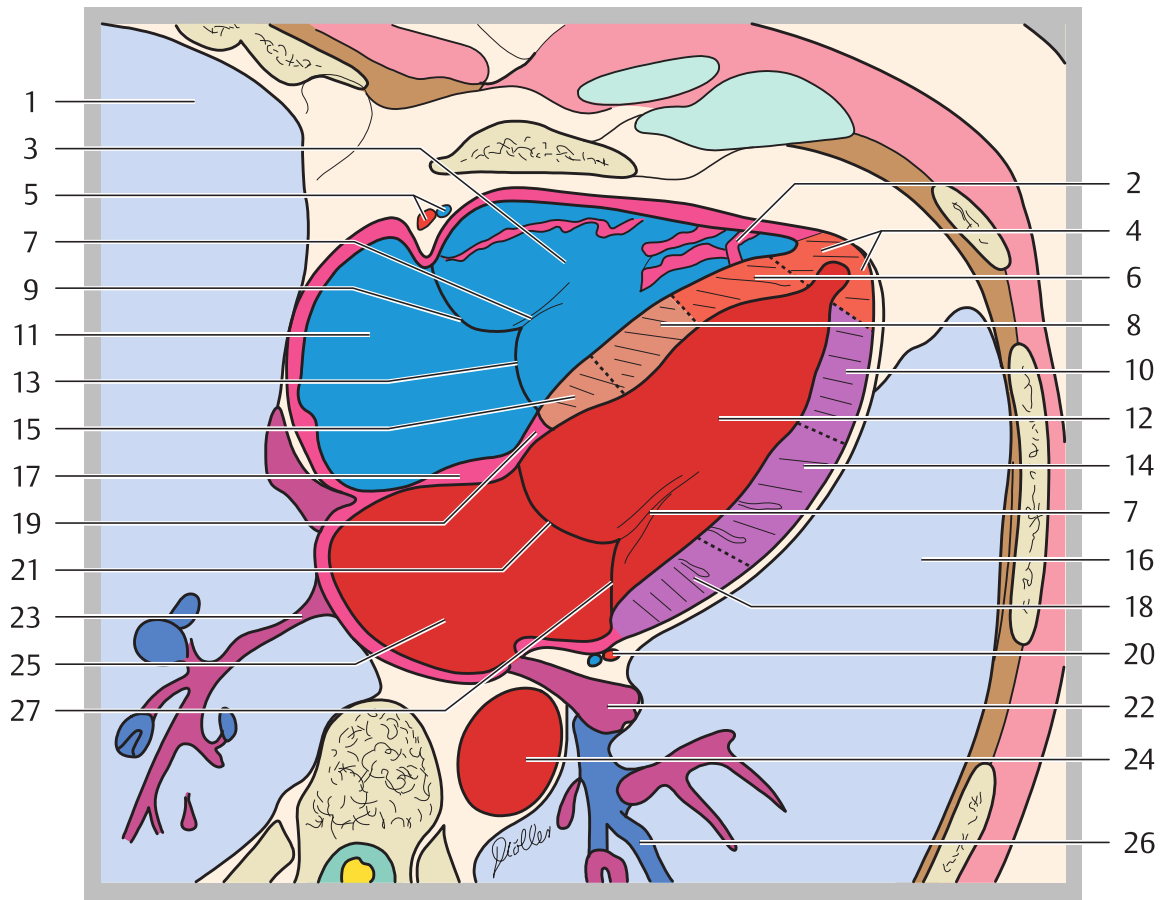
(Segments of coronary arteries are designated according to the classification of the American Heart Association; see Austen et al. 1975)



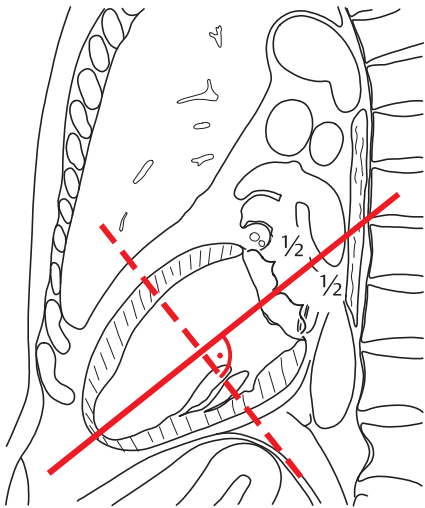
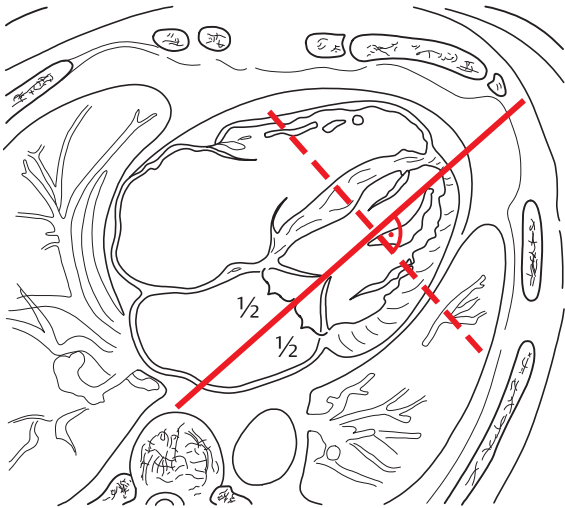
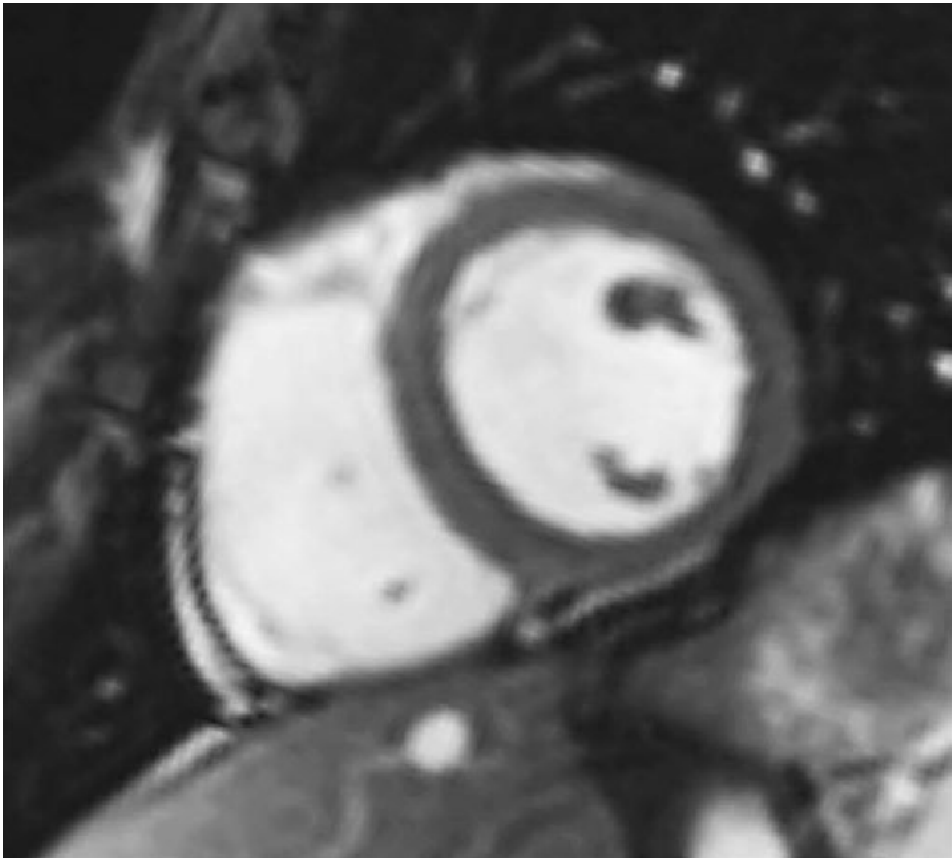


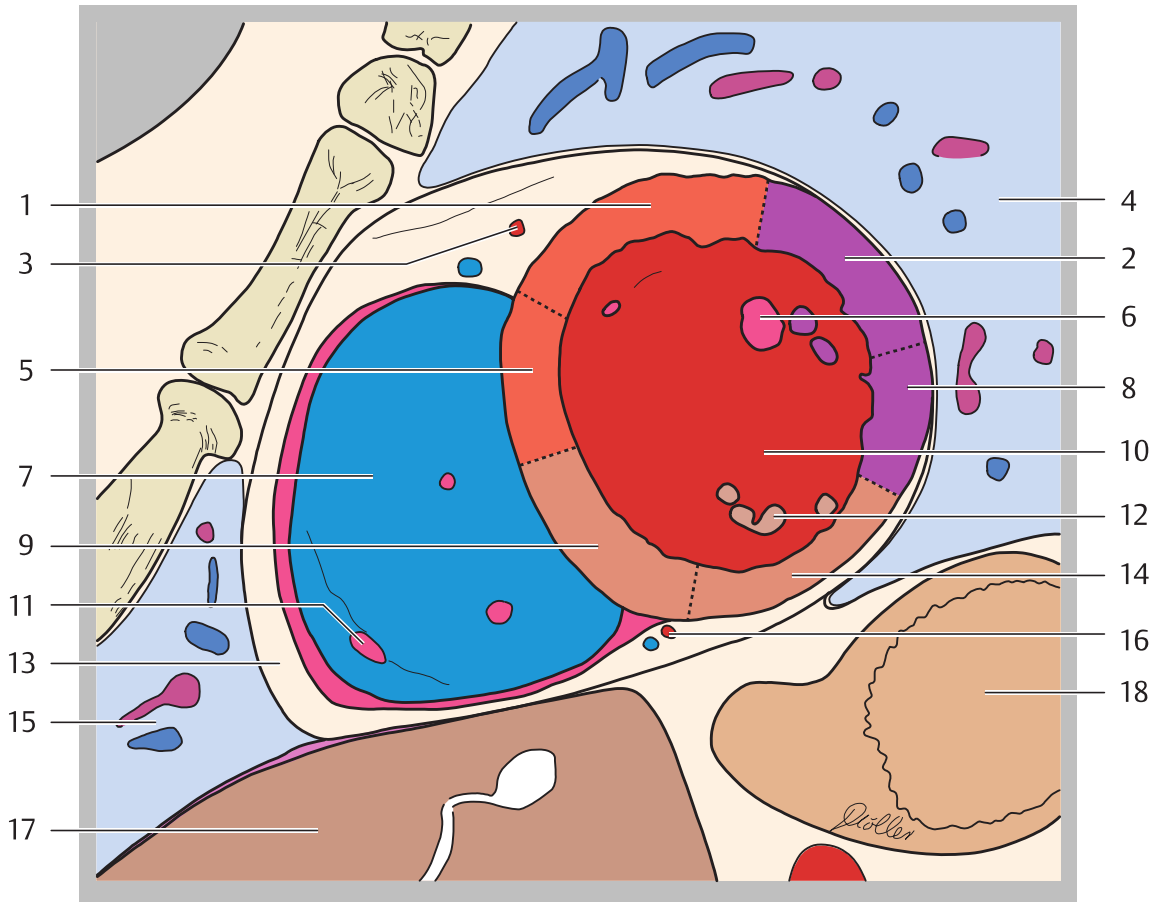
- | | |
|--|--|
| 1 Left lung | 14 Coronary sinus |
| 2 Aortic arch | 15 Ventricular myocardium (anterior apical segment) |
| 3 Pulmonary vein | 16 Left atrioventricular valve (mitral valve), posterior cusp |
| 4 Pulmonary artery | 17 Posterior papillary muscle |
| 5 Left auricle | 18 Descending aorta |
| 6 Left main bronchus | 19 Ventricular myocardium (inferior apical segment) |
| 7 Left coronary artery | 20 Ventricular myocardium (inferior basal segment) |
| 8 Oesophagus | 21 Apex of heart |
| 9 Ventricular myocardium (anterior basal segment) | 22 Ventricular myocardium (inferior medial segment) |
| 10 Left atrioventricular (mitral) valve, anterior cusp | |
| 11 Ventricular myocardium (anterior medial segment) | |
| 12 Left atrium | |
| 13 Left ventricle | |
| |  Right coronary artery (RCA) |
| |  Left coronary artery (anterior interventricular branch, LAD) |





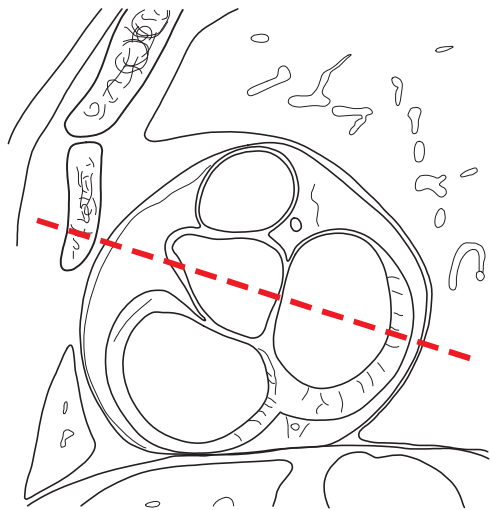
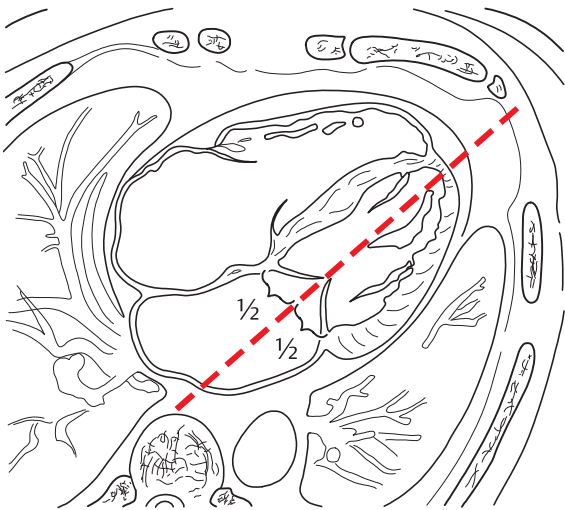
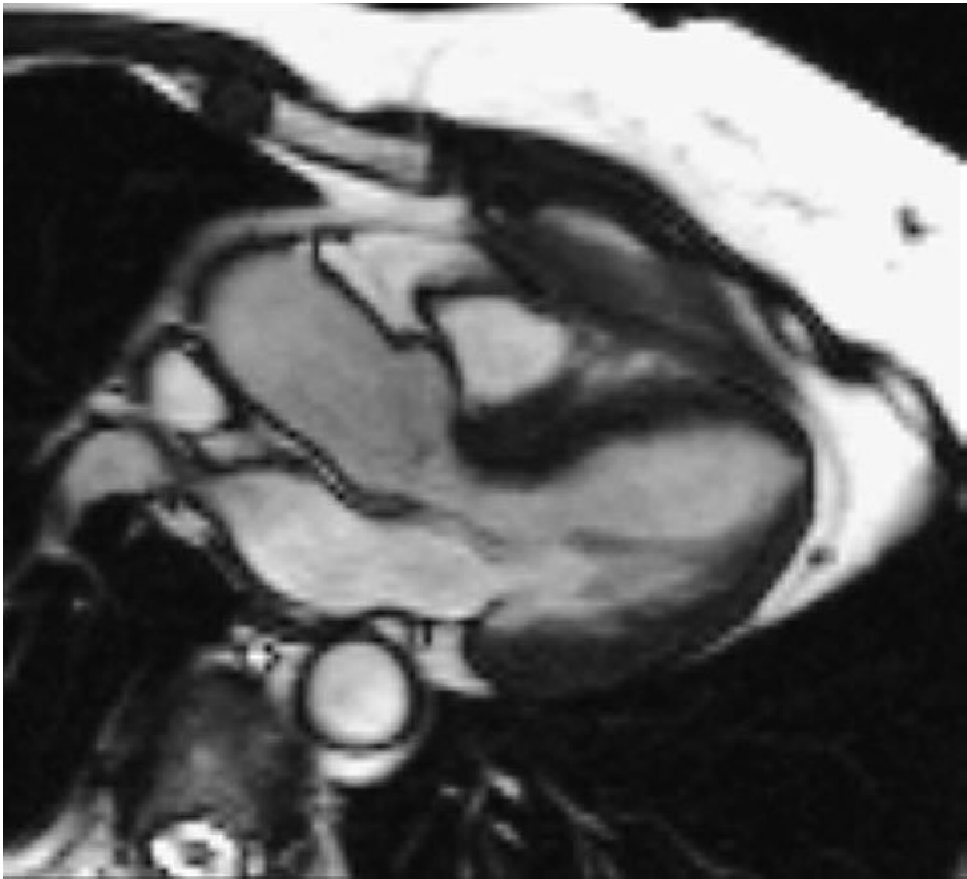
- | | |
|---|---|
| 1 Right lung | 18 Ventricular myocardium (basal anterolateral segment) |
| 2 Septomarginal trabecula (moderator band) | 19 Atrioventricular septum |
| 3 Right coronary artery | 20 Left coronary artery (circumflex branch) |
| 4 Apex of heart | 21 Left atrioventricular valve (mitral valve), anterior cusp |
| 5 Right ventricle | 22 Left pulmonary vein |
| 6 Interventricular septum (apical septal segment) | 23 Right pulmonary vein |
| 7 Tendinous cords | 24 Descending aorta |
| 8 Interventricular septum (medial inferoseptal segment) | 25 Left atrium |
| 9 Right atrioventricular valve (tricuspid valve), anterior cusp | 26 Left pulmonary artery |
| 10 Ventricular myocardium (lateral apical segment) | 27 Left atrioventricular valve (mitral valve), posterior cusp |
| 11 Right atrium | |
| 12 Left ventricle | |
| 13 Right atrioventricular valve (tricuspid valve), septal cusp | |
| 14 Ventricular myocardium (medial anterolateral segment) | |
| 15 Interventricular septum (basal inferoseptal segment) | |
| 16 Left lung | |
| 17 Interatrial septum | |
-
- | | |
|--|---------------------------------------|
| | Right coronary artery (RCA) |
| | Left anterior descending artery (LAD) |
| | Left circumflex artery (LCX) |

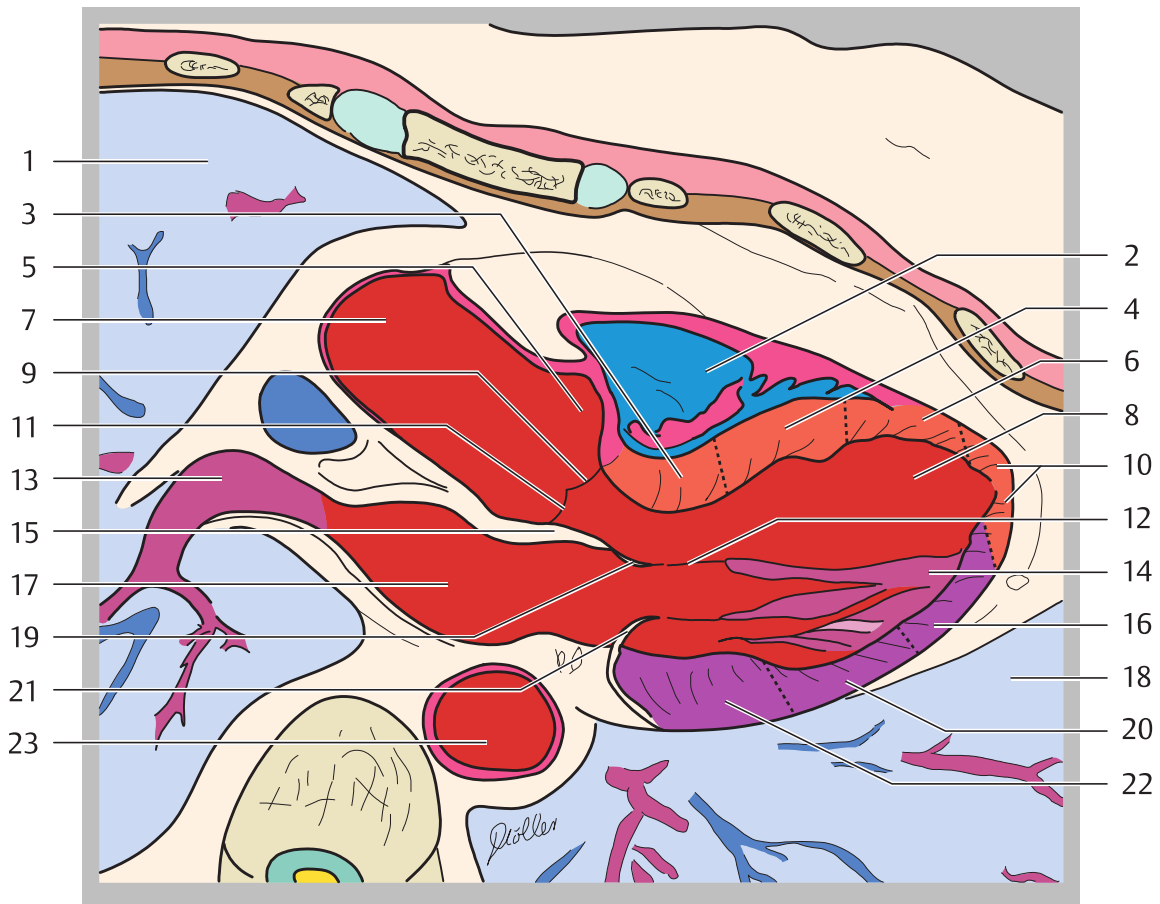




- | | |
|--|---|
| 1 Ventricular myocardium (anterior segment) | 10 Left ventricle |
| 2 Ventricular myocardium (anterolateral segment) | 11 Trabeculae carneae (in right ventricle) |
| 3 Anterior interventricular branch of left coronary artery | 12 Posterior papillary muscle |
| 4 Left lung | 13 Epicardial fatty tissue |
| 5 Interventricular septum (anteroseptal segment) | 14 Ventricular myocardium (inferior segment) |
| 6 Anterior papillary muscle | 15 Right lung |
| 7 Right ventricle | 16 Posterior interventricular branch of right coronary artery |
| 8 Ventricular myocardium (inferolateral segment) | 17 Liver |
| 9 Interventricular septum (inferoseptal segment) | 18 Stomach |

- Right coronary artery (RCA)
- Left anterior descending artery (LAD)
- Left circumflex artery (LCX)

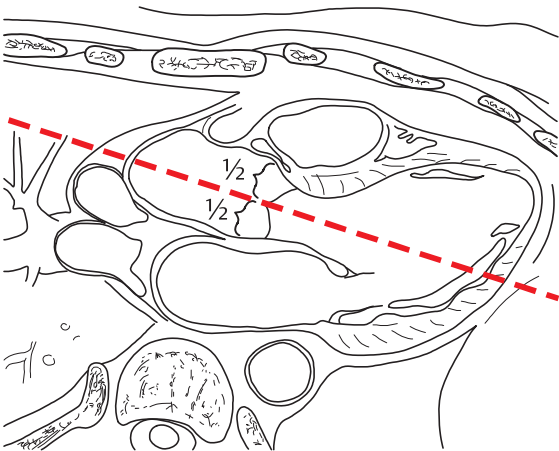


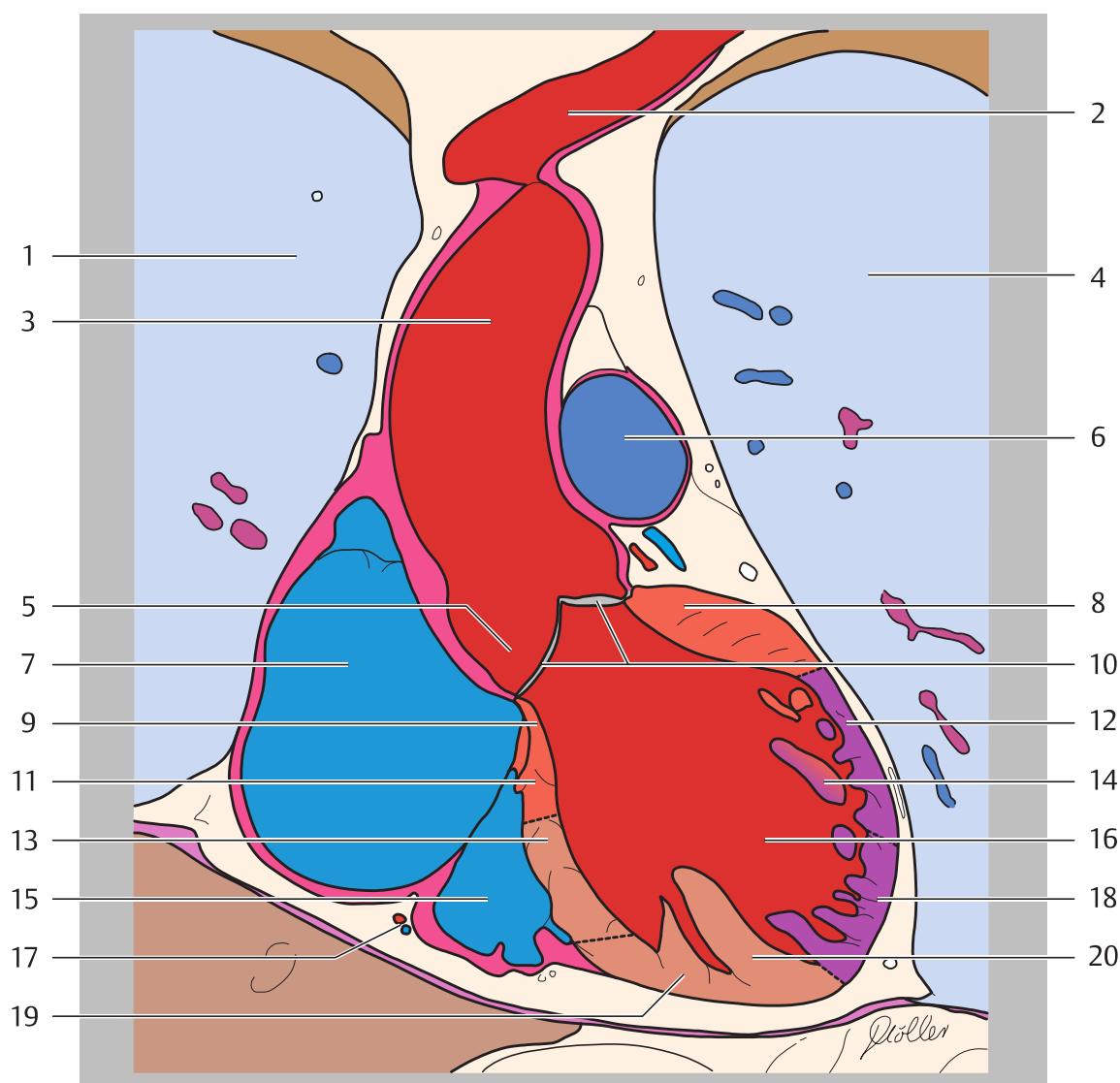


- 1 Right lung
- 2 Right ventricle
- 3 Interventricular septum (basal anteroseptal segment)
- 4 Interventricular septum (medial anteroseptal segment)
- 5 Aortic bulb
- 6 Interventricular septum (apical septal segment)
- 7 Ascending aorta
- 8 Left ventricle
- 9 Aortic valve, right semilunar cusp
- 10 Apex of heart
- 11 Aortic valve, left semilunar cusp
- 12 Tendinous cords
- 13 Right pulmonary vein
- 14 Papillary muscle
- 15 Atrioventricular septum
- 16 Ventricular myocardium (lateral apical segment)

- 17 Left atrium
- 18 Left lung
- 19 Left atrioventricular valve (mitral valve), anterior cusp
- 20 Ventricular myocardium (medial inferolateral segment)
- 21 Left atrioventricular valve (mitral valve), posterior cusp
- 22 Septum (basal inferoseptal segment)
- 23 Descending aorta

- Left anterior descending artery (LAD)
- Left circumflex artery (LCX)

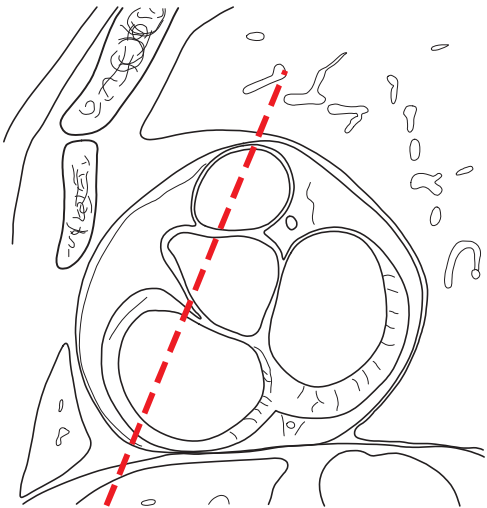
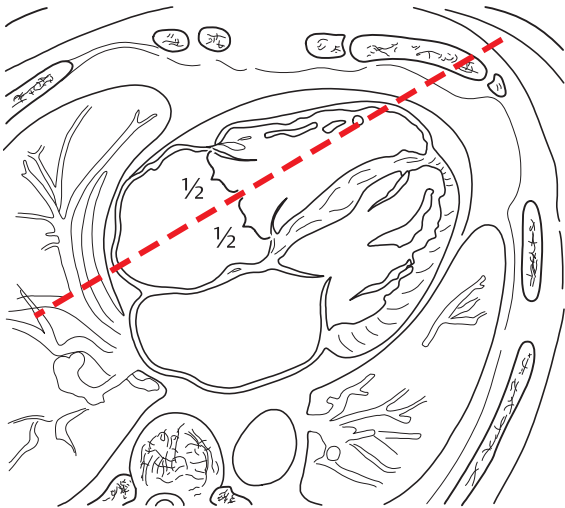
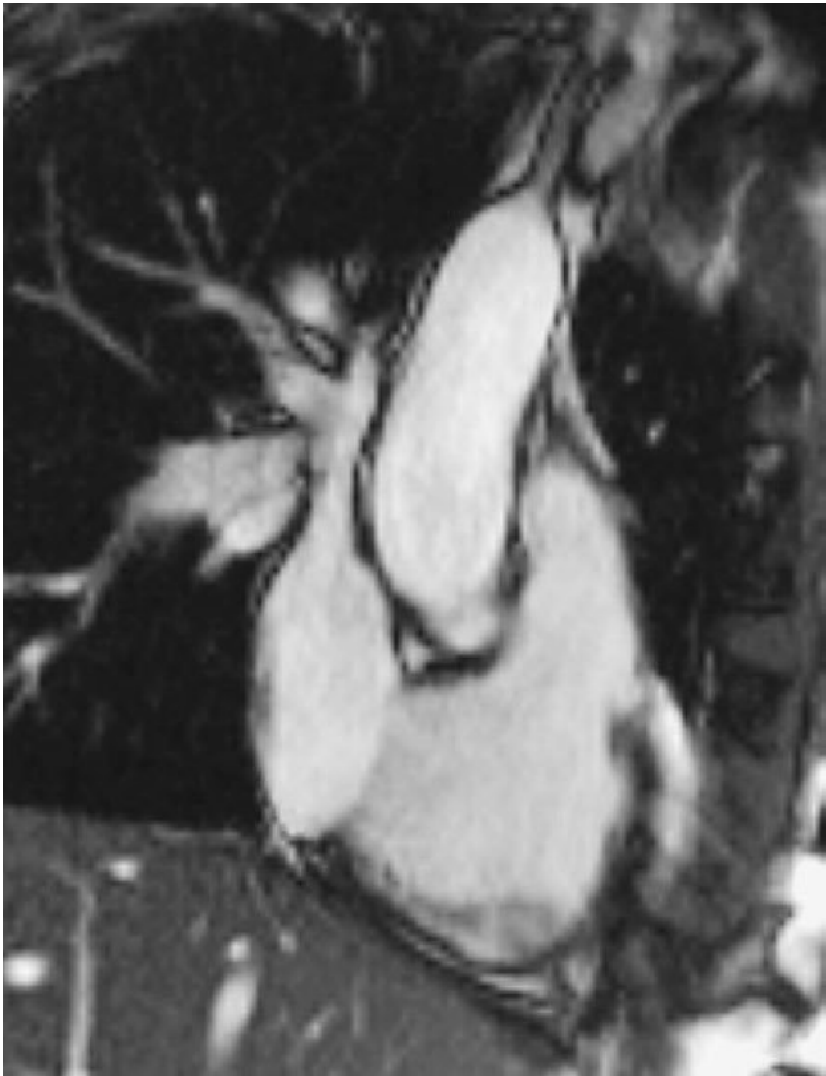


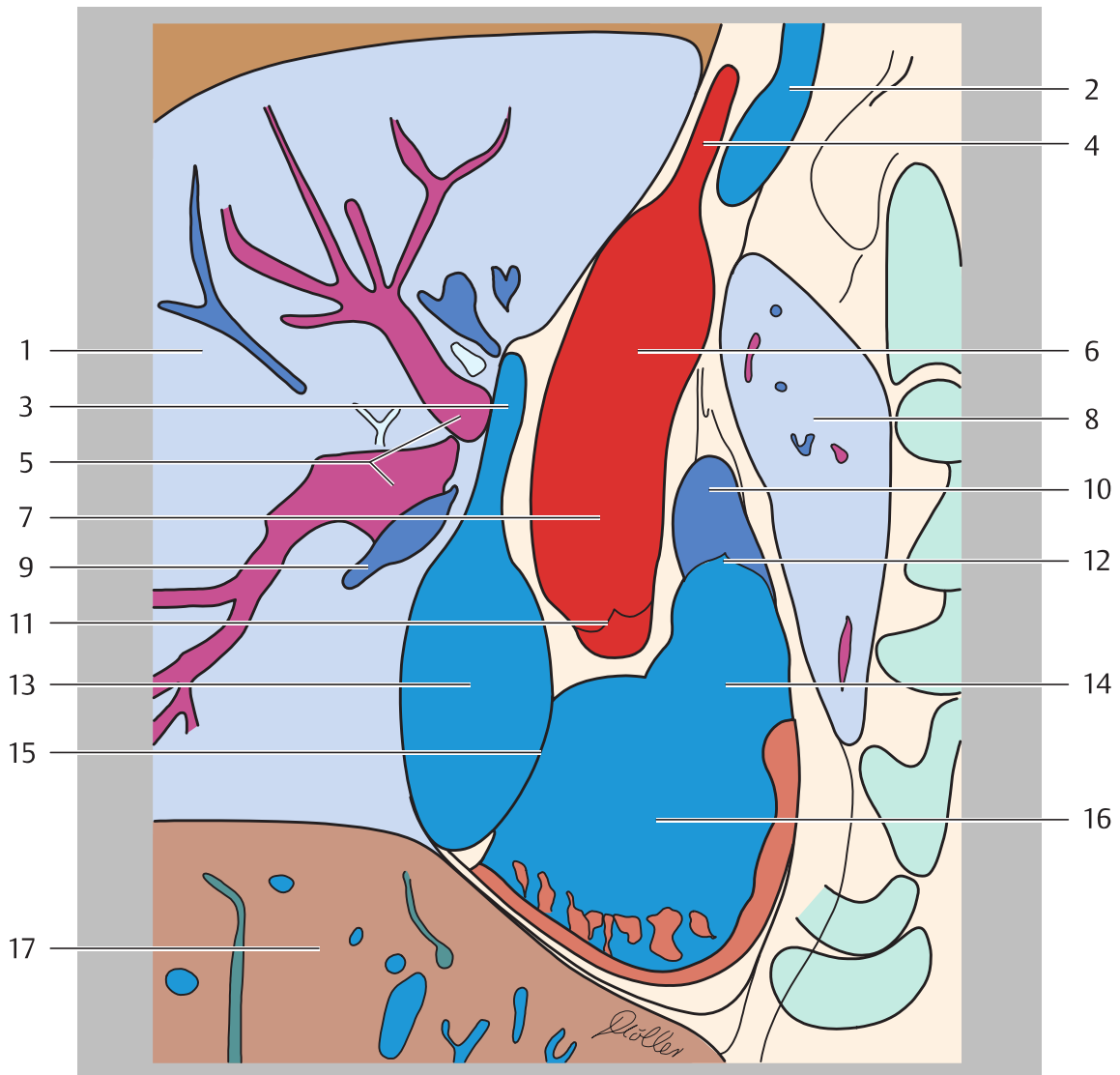


- 1 Right lung
- 2 Brachiocephalic trunk
- 3 Ascending aorta
- 4 Left lung
- 5 Aortic bulb
- 6 Pulmonary artery
- 7 Right atrium
- 8 Ventricular myocardium (anterior segment)
- 9 Atrioventricular septum
- 10 Aortic valve
- 11 Interventricular septum (anteroseptal segment)
- 12 Ventricular myocardium (anterolateral segment)

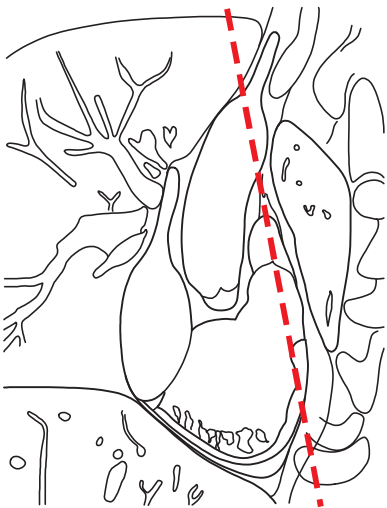
- 13 Interventricular septum (inferoseptal segment)
- 14 Anterior papillary muscle
- 15 Right ventricle
- 16 Left ventricle
- 17 Right coronary artery
- 18 Ventricular myocardium (inferolateral segment, base of heart)
- 19 Ventricular myocardium (inferior segment)
- 20 Posterior papillary muscle

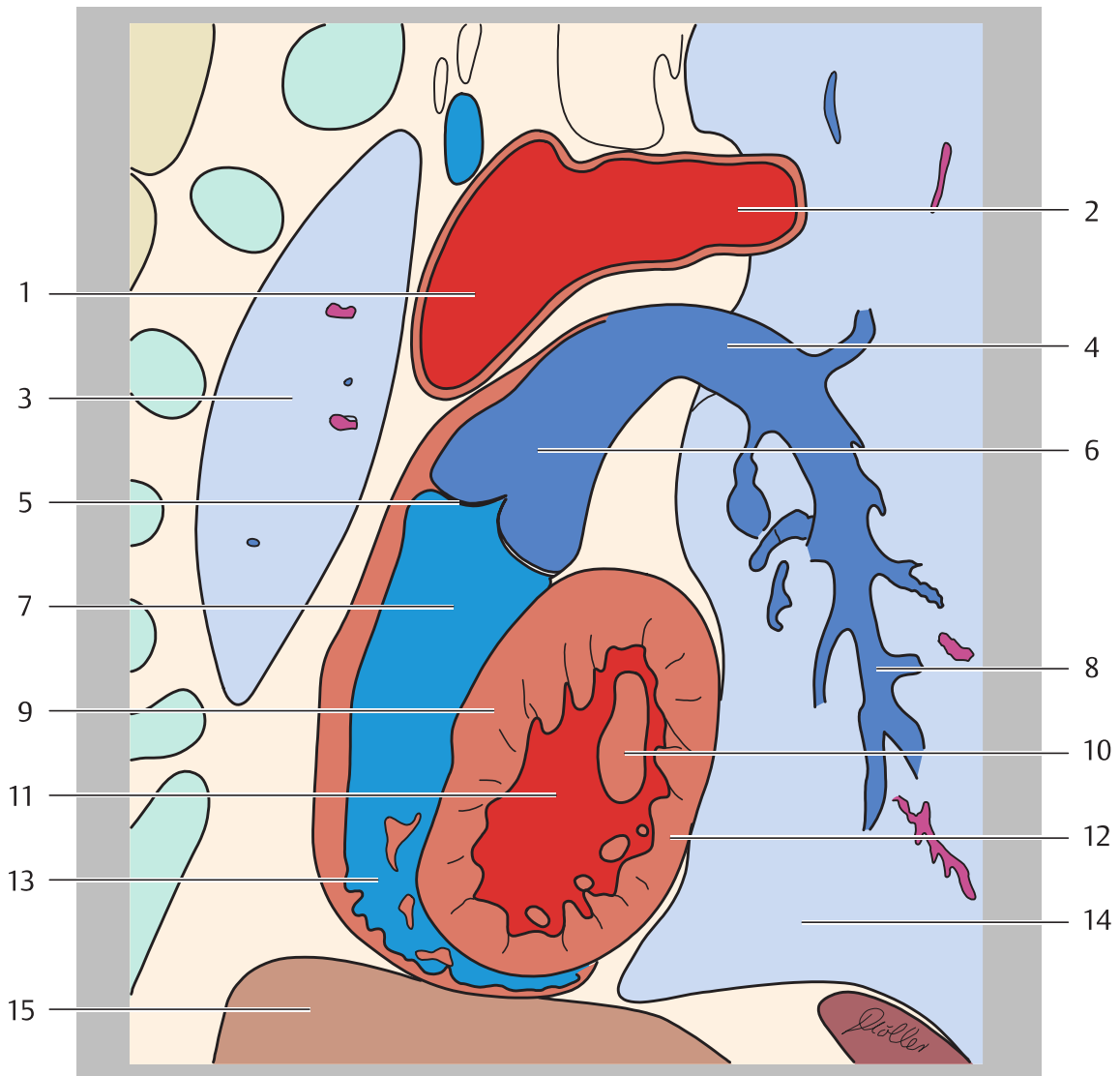
- Right coronary artery (RCA)
- Left anterior descending artery (LAD)
- Left circumflex artery (LCX)



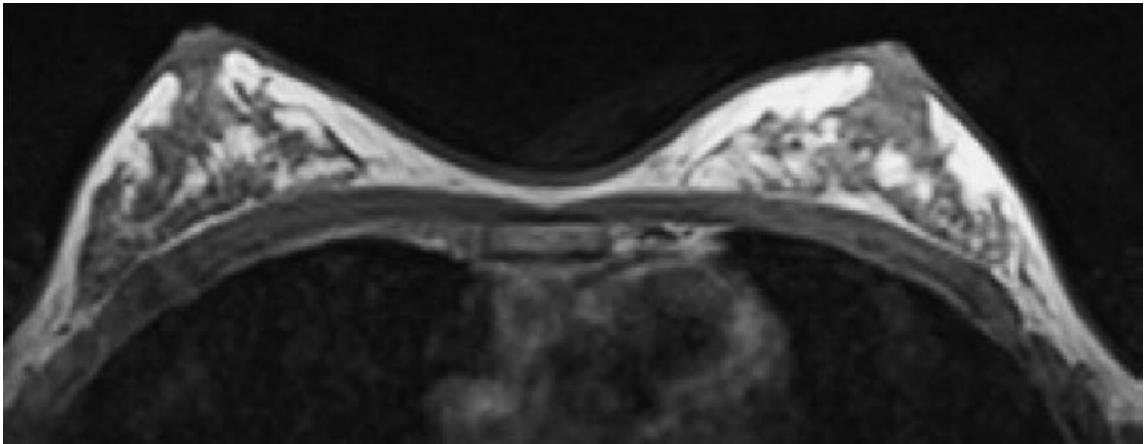


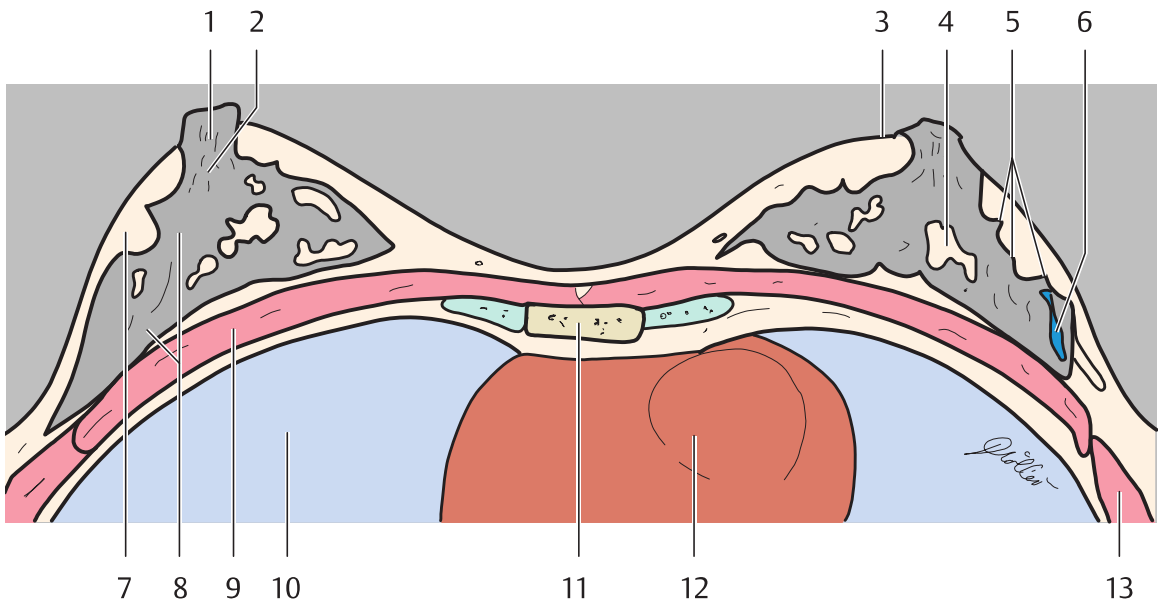
- | | |
|------------------------------|---|
| 1 Left lung | 11 Aortic valve |
| 2 Right brachiocephalic vein | 12 Pulmonary valve |
| 3 Superior vena cava | 13 Right atrium |
| 4 Brachiocephalic trunk | 14 Right ventricular outflow tract |
| 5 Right pulmonary veins | 15 Right atrioventricular valve (tricuspid valve) |
| 6 Ascending aorta | 16 Right ventricle |
| 7 Aortic bulb | 17 Liver |
| 8 Right lung | |
| 9 Left pulmonary artery | |
| 10 Pulmonary trunk | |



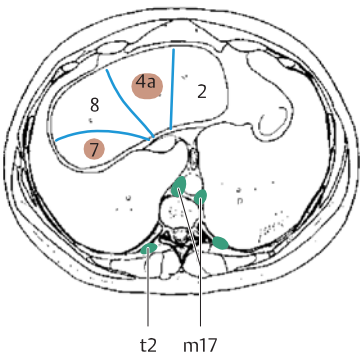
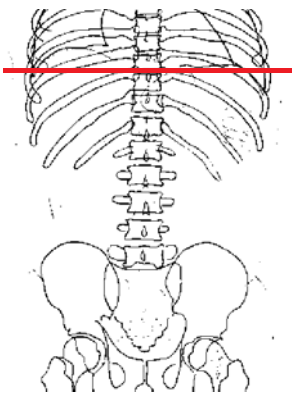
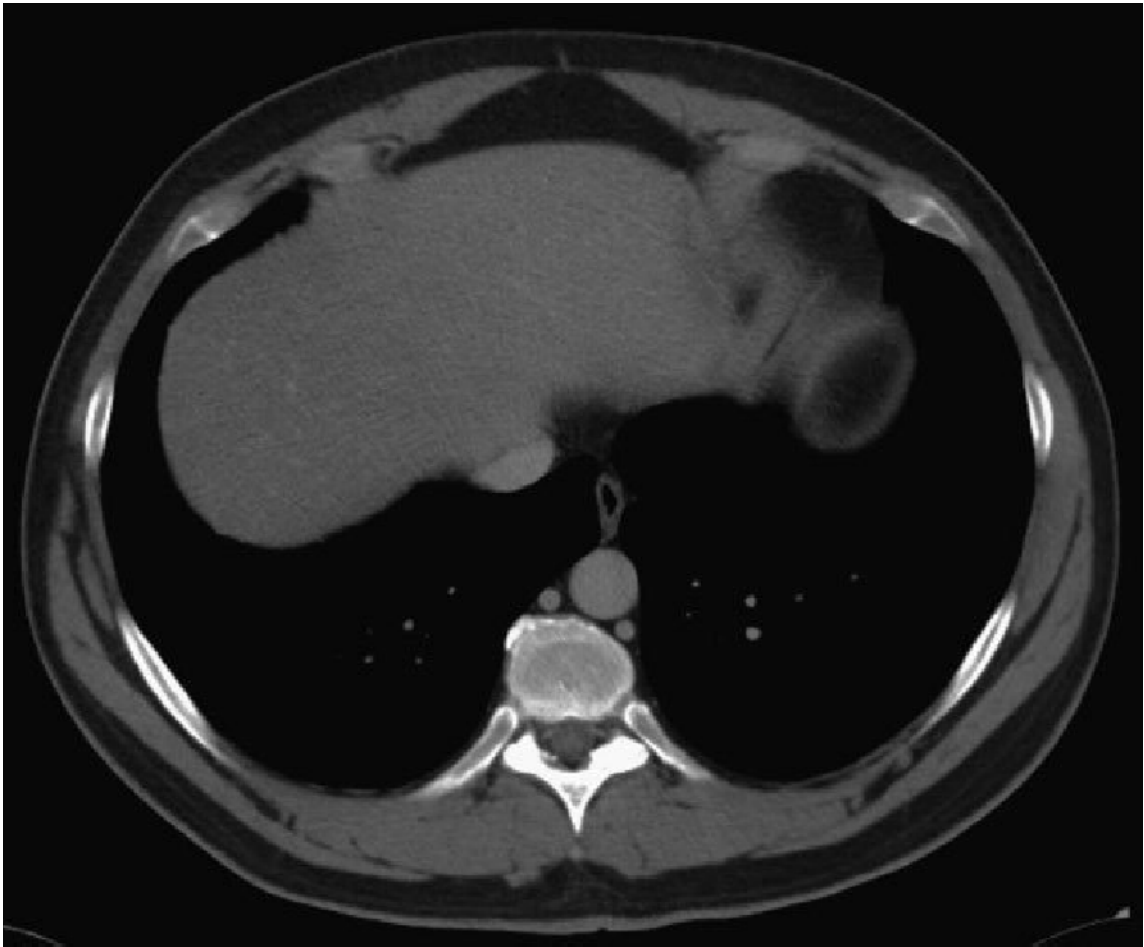


- | | |
|--|--|
| 1 Ascending aorta | 9 Interventricular septum |
| 2 Aortic arch | 10 Papillary muscle |
| 3 Right lung | 11 Left ventricle |
| 4 Left pulmonary artery | 12 Ventricular myocardium (posterior wall) |
| 5 Pulmonary valve | 13 Right ventricle |
| 6 Pulmonary trunk | 14 Left lung |
| 7 Right ventricular outflow tract | 15 Liver |
| 8 Basal segmental arteries of inferior lobar arteries of left pulmonary artery | |





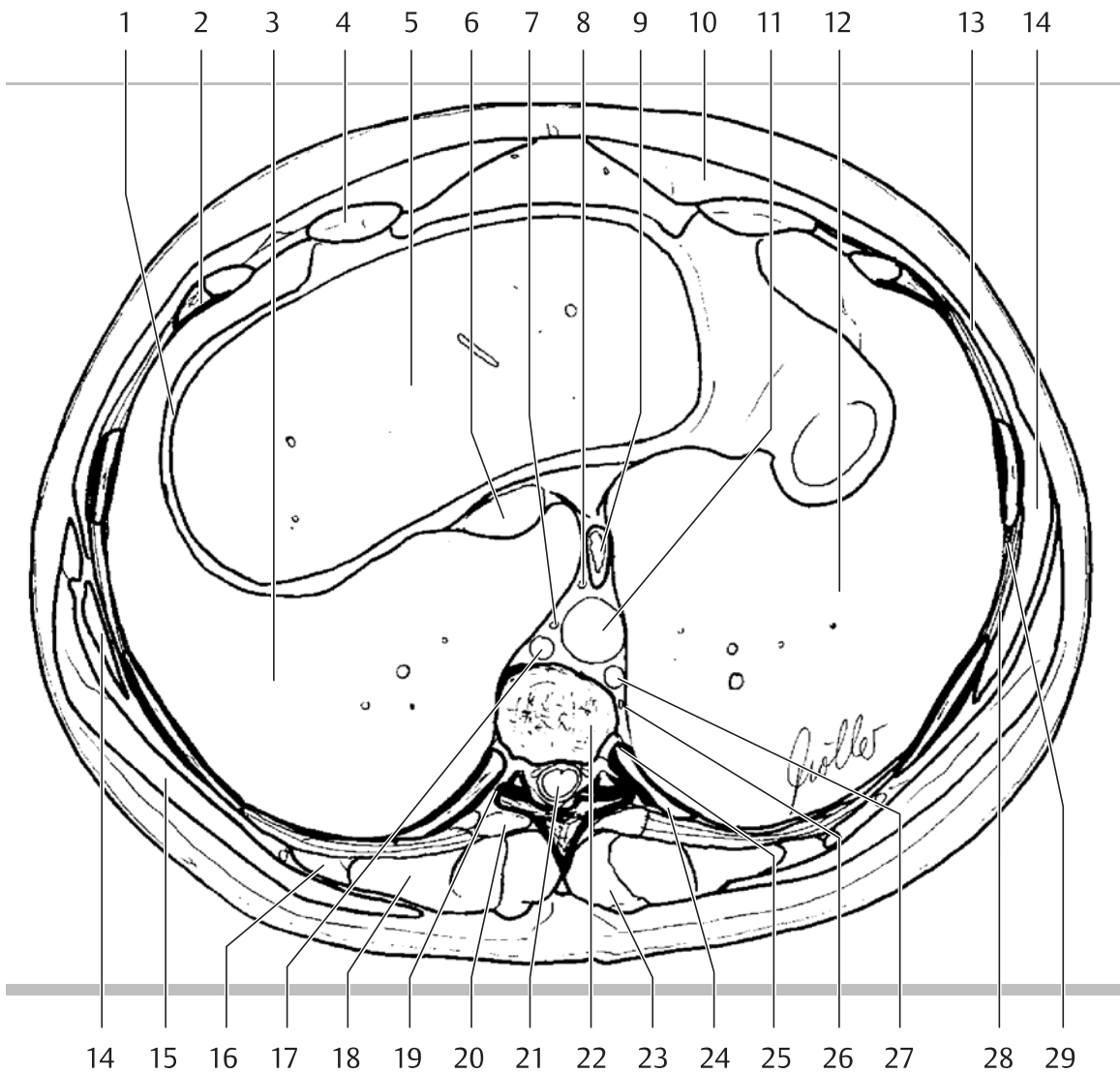
- | | |
|-----------------------------------|-----------------------------|
| 1 Nipple | 8 Glandular body |
| 2 Mammary ducts and areolar ducts | 9 Pectoralis muscle |
| 3 Skin | 10 Right lung |
| 4 Fatty island | 11 Sternum |
| 5 Cooper's ligaments | 12 Heart |
| 6 Vein | 13 Anterior serratus muscle |
| 7 Subcutaneous fat | |



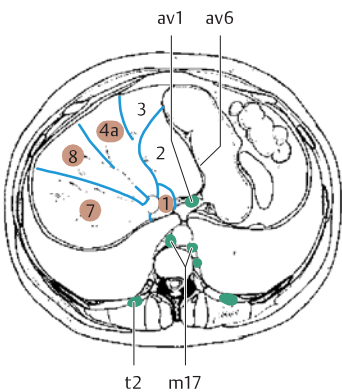
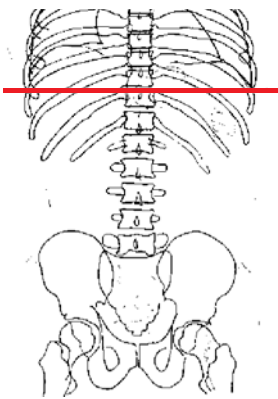
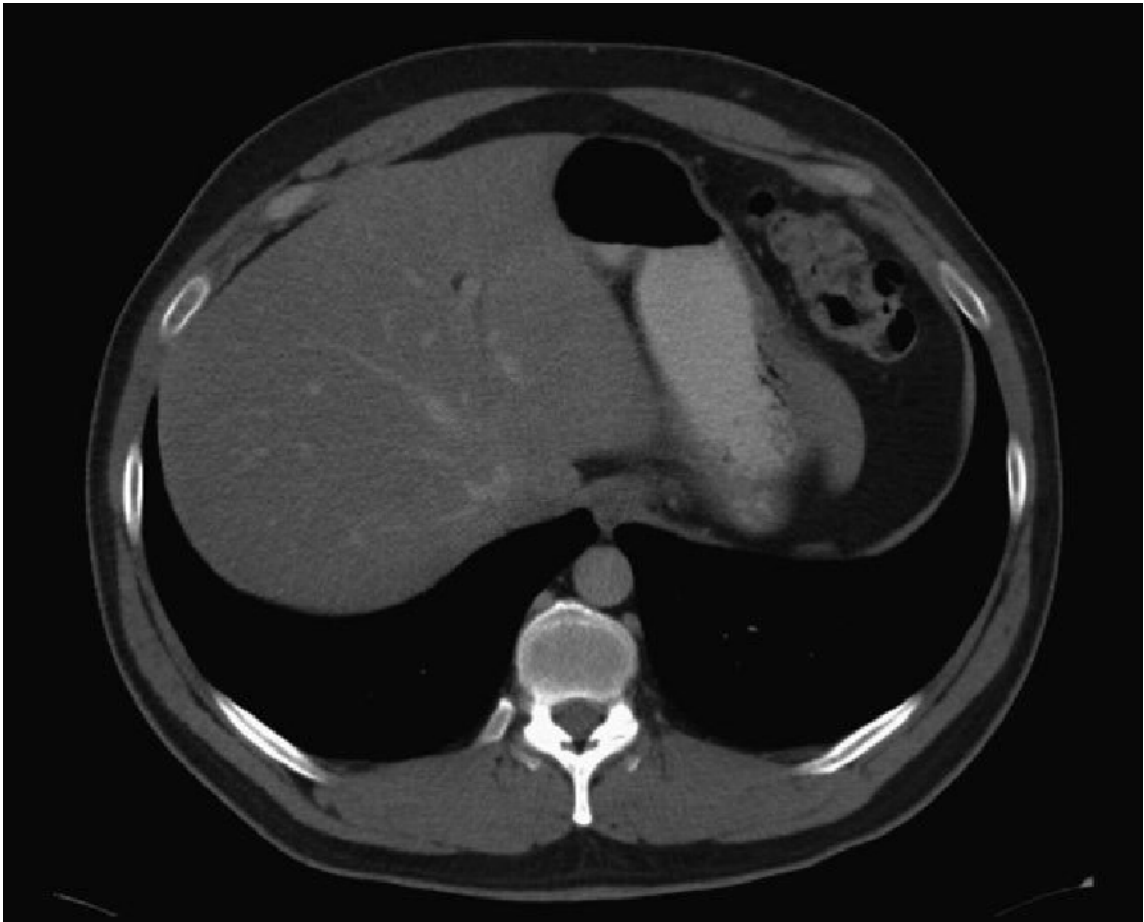
● = Lymph node (see inside back cover)

— = Borders of hepatic segments

Numbers indicate the hepatic segments (see inside back cover)



- | | |
|--|---|
| 1 Diaphragm | 17 Azygos vein |
| 2 Rib 7 (bony part) | 18 Longissimus thoracis muscle (part of erector spinae muscle, lateral tract) |
| 3 Right lung | 19 Costotransverse joint |
| 4 Rib 6 (costal cartilage) | 20 Multifidus muscle (part of erector spinae muscle, medial tract) |
| 5 Liver | 21 Thoracic cord in spinal canal |
| 6 Inferior vena cava | 22 Vertebral body (T10) |
| 7 Thoracic duct | 23 Spinalis muscle (part of erector spinae muscle, medial tract) |
| 8 Vagus nerve | 24 Rib 10 (posterior bony part) |
| 9 Oesophagus | 25 Costovertebral joint |
| 10 Rectus abdominis muscle | 26 Sympathetic trunk |
| 11 Descending aorta | 27 Hemi-azygos vein |
| 12 Left lung | 28 Intercostal muscles |
| 13 External oblique muscle | 29 Intercostal vein, artery, and nerve |
| 14 Serratus anterior muscle | |
| 15 Latissimus dorsi muscle | |
| 16 Iliocostalis thoracis muscle (part of erector spinae muscle, lateral tract) | |

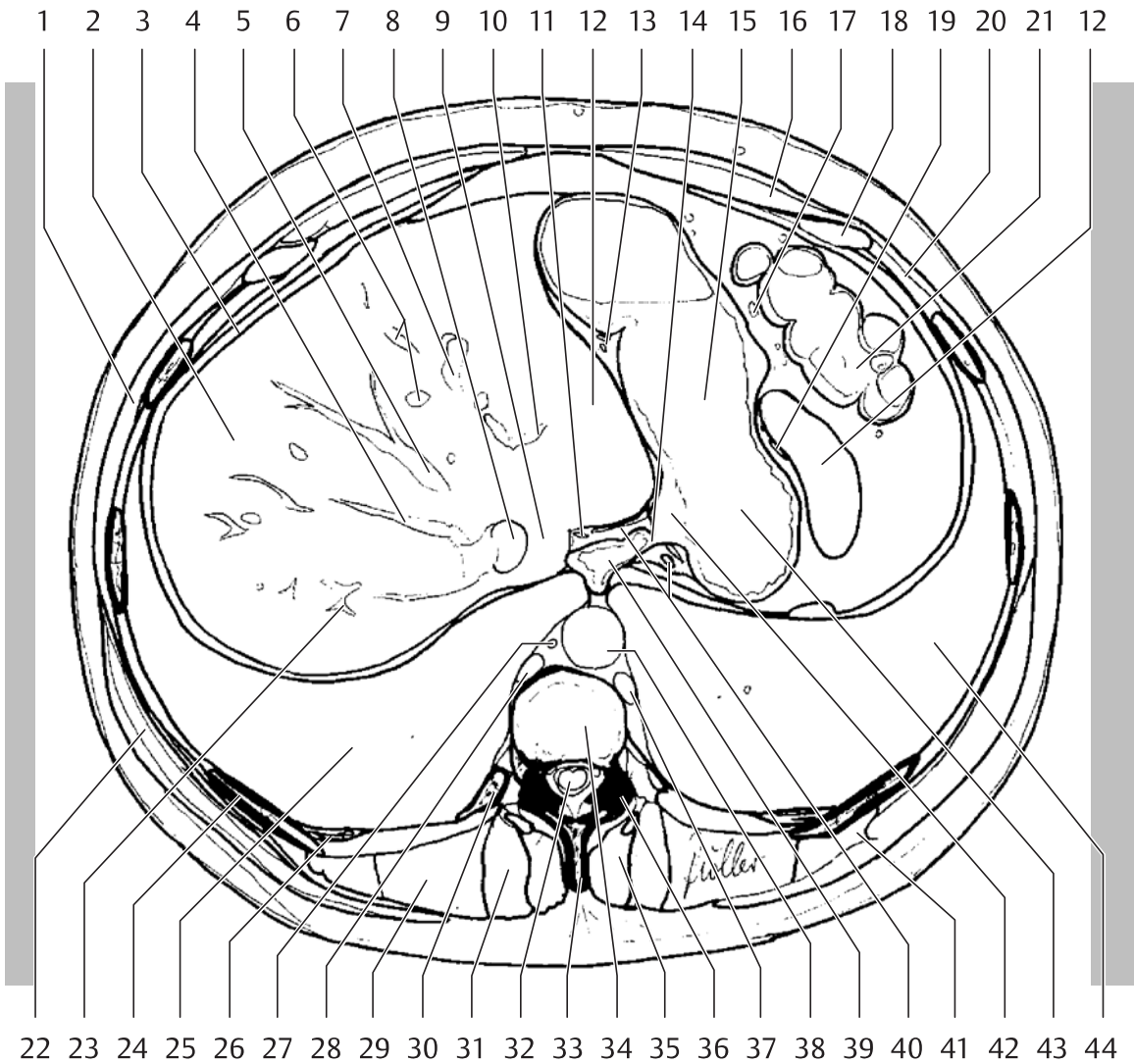


- 1 External oblique muscle
- 2 Liver (right lobe)
- 3 Diaphragm
- 4 Right hepatic veins (branches and termination)
- 5 Middle hepatic vein
- 6 Portal vein, right branch (anterior branches)
- 7 Portal vein, left branch
- 8 Inferior vena cava
- 9 Liver (caudate lobe)
- 10 Left hepatic vein
- 11 Left gastric artery (oesophageal branch)
- 12 Liver (left lobe)

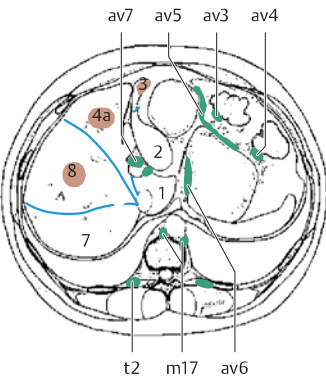
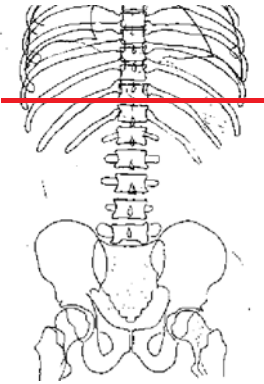
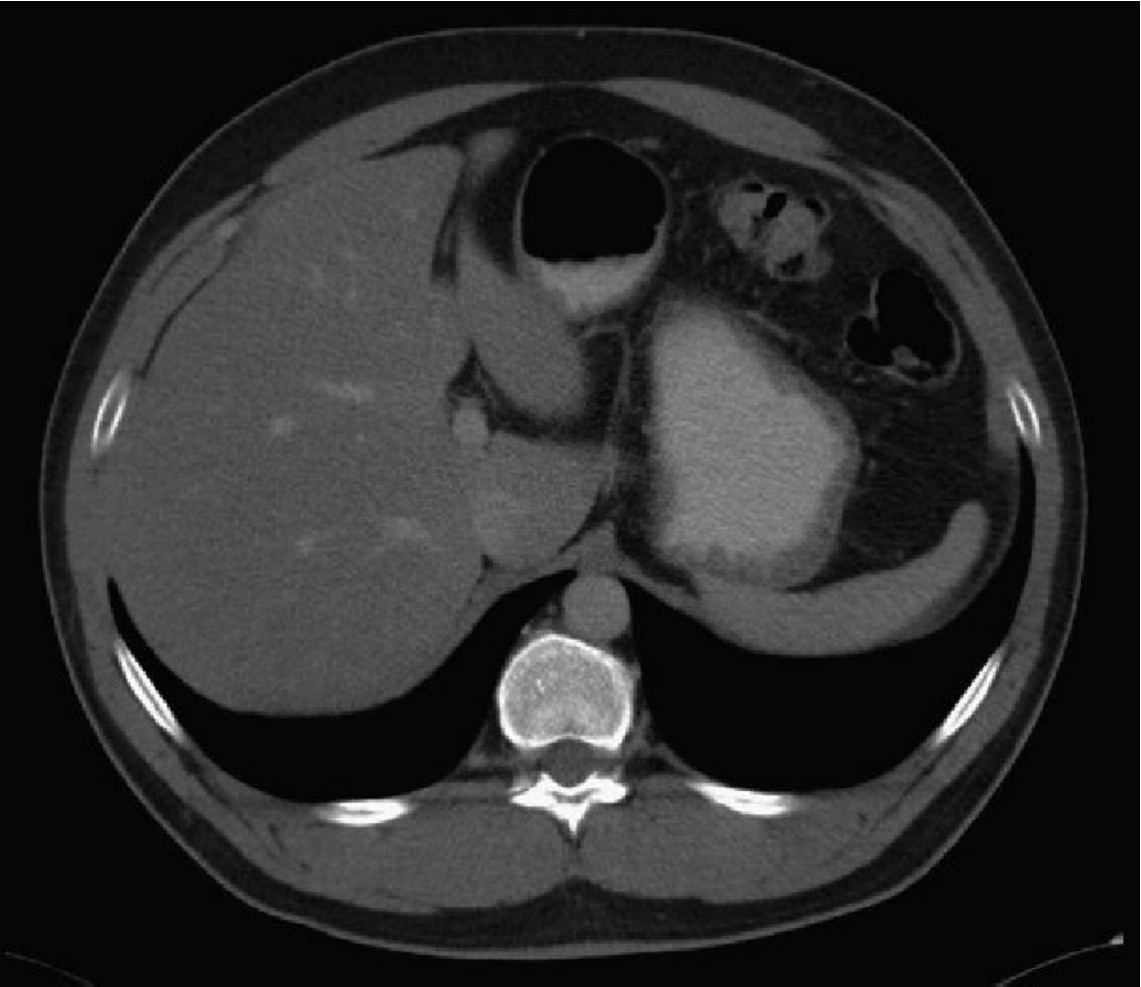
● = Lymph node (see inside back cover)

— = Borders of hepatic segments

Numbers indicate the hepatic segments (see inside back cover)



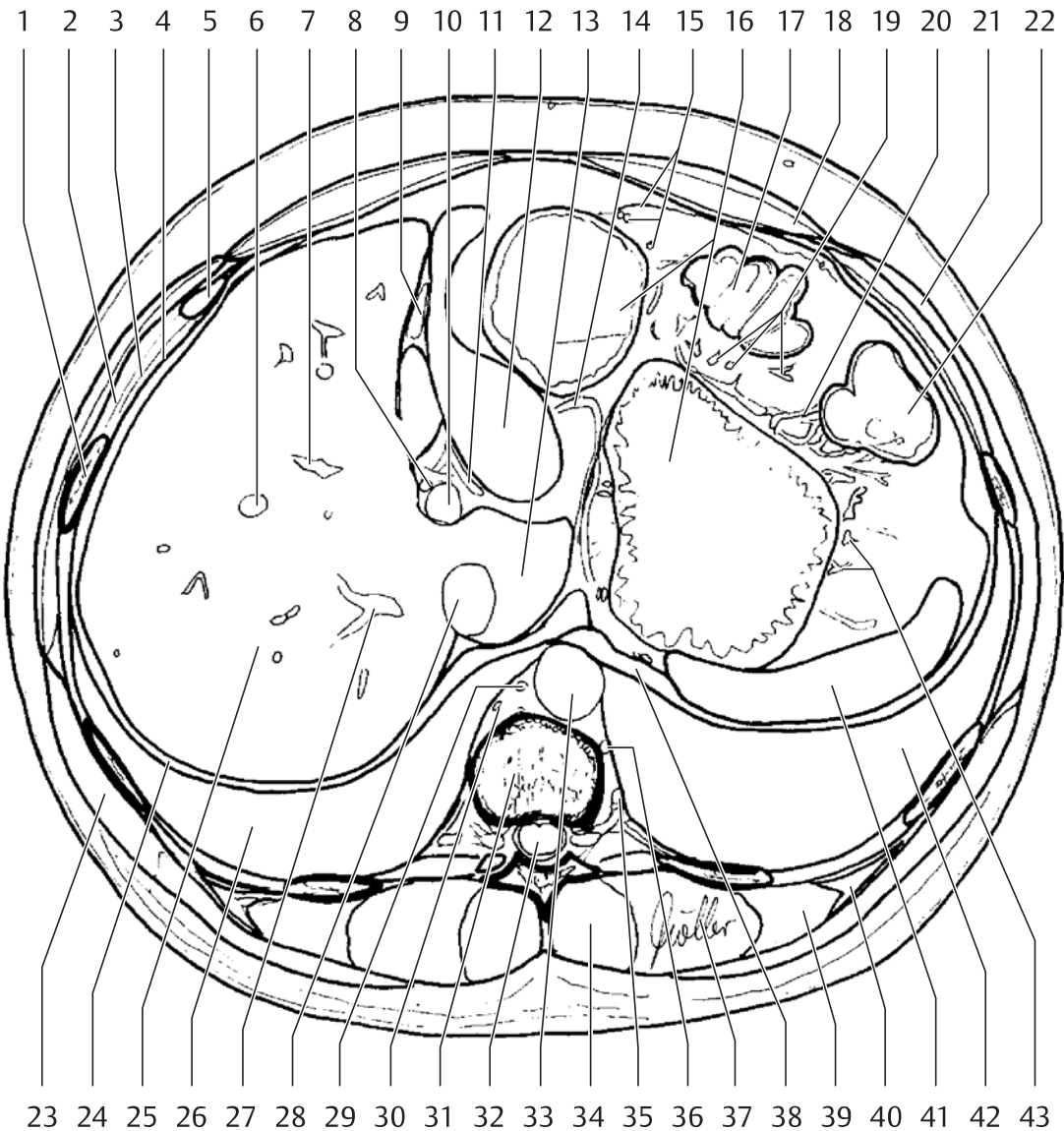
- | | |
|--|---|
| 13 Right gastric artery | 30 Rib 9 (head) |
| 14 Oesophageal hiatus | 31 Longissimus lumbalis muscle (part of erector spinae muscle, lateral tract) |
| 15 Stomach (body) | 32 Spinal cord in thoracic spinal canal |
| 16 Rectus abdominis muscle | 33 Spinous process |
| 17 Left colic artery | 34 Vertebral body (T11) |
| 18 Rib 7 (costal cartilage) | 35 Spinalis muscle (part of erector spinae muscle, medial tract) |
| 19 Left gastro-omental artery | 36 Zygapophysial joint |
| 20 Intercostal muscles | 37 Hemi-azygos vein |
| 21 Left colic flexure | 38 Abdominal aorta |
| 22 Latissimus dorsi muscle | 39 Oesophagus (abdominal part) |
| 23 Portal vein, right branch (posterior branch) | 40 Oesophageal veins (venous plexus of oesophagus) |
| 24 Rib 10 (bony part) | 41 Serratus posterior inferior muscle |
| 25 Right lung | 42 Stomach (cardia) |
| 26 Intercostal vein, artery, and nerve | 43 Stomach (fundus) |
| 27 Thoracic duct | 44 Left lung |
| 28 Azygos vein | |
| 29 Iliocostalis lumborum muscle (part of erector spinae muscle, lateral tract) | |



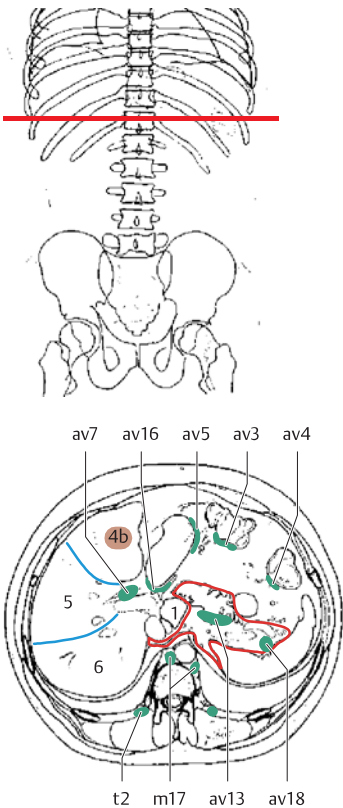
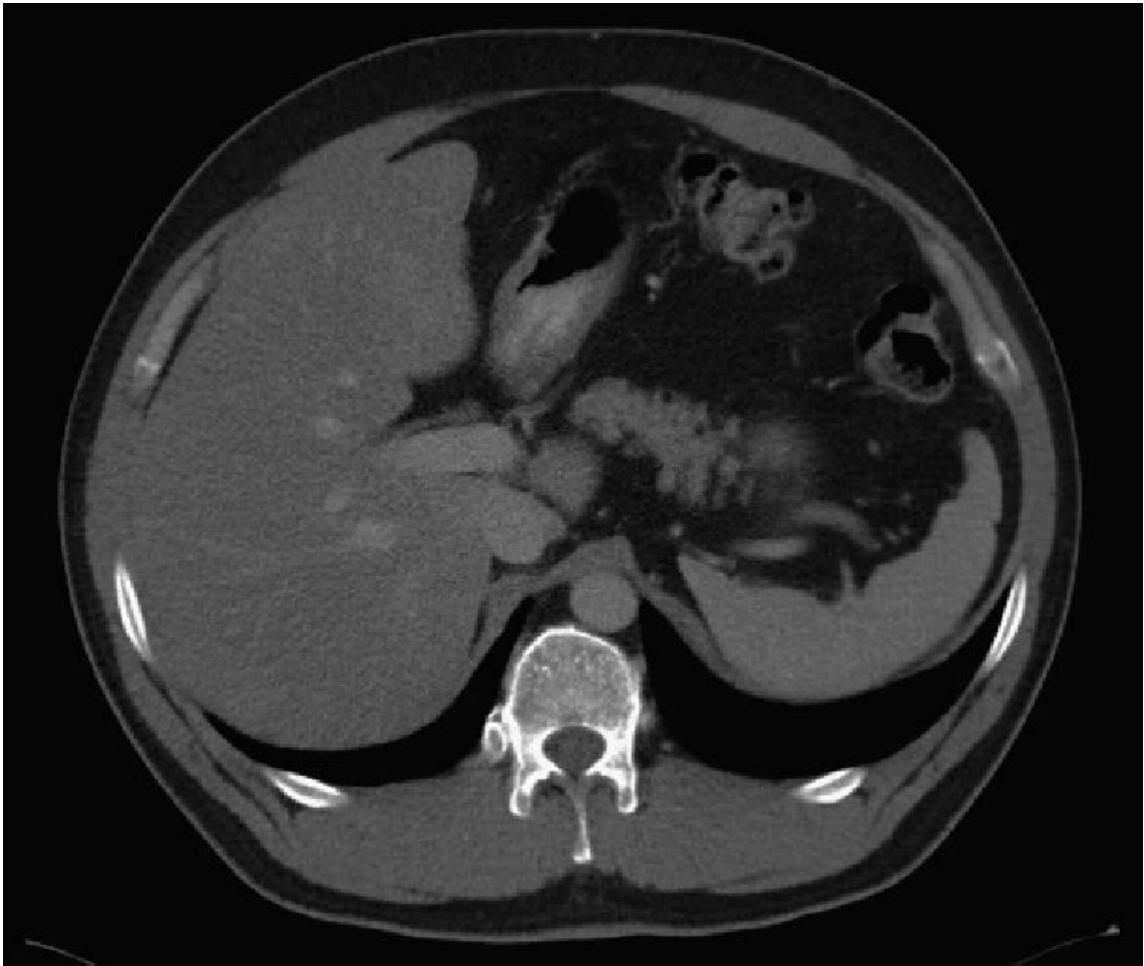
- 1 Rib 9 (bony part)
- 2 External intercostal muscle
- 3 Internal intercostal muscle
- 4 Innermost intercostal muscle
- 5 Rib 8 (bony part)
- 6 Portal vein (right anterior branch)
- 7 Middle hepatic vein
- 8 Left hepatic duct
- 9 Round ligament of liver
- 10 Portal vein (left branch)
- 11 Hepatic artery proper (left branch)
- 12 Liver (left lobe)
- 13 Liver (caudate lobe)
- 14 Left gastric artery

● = Lymph node (see inside back cover)
— = Borders of hepatic segments

Numbers indicate the hepatic segments
(see inside back cover)

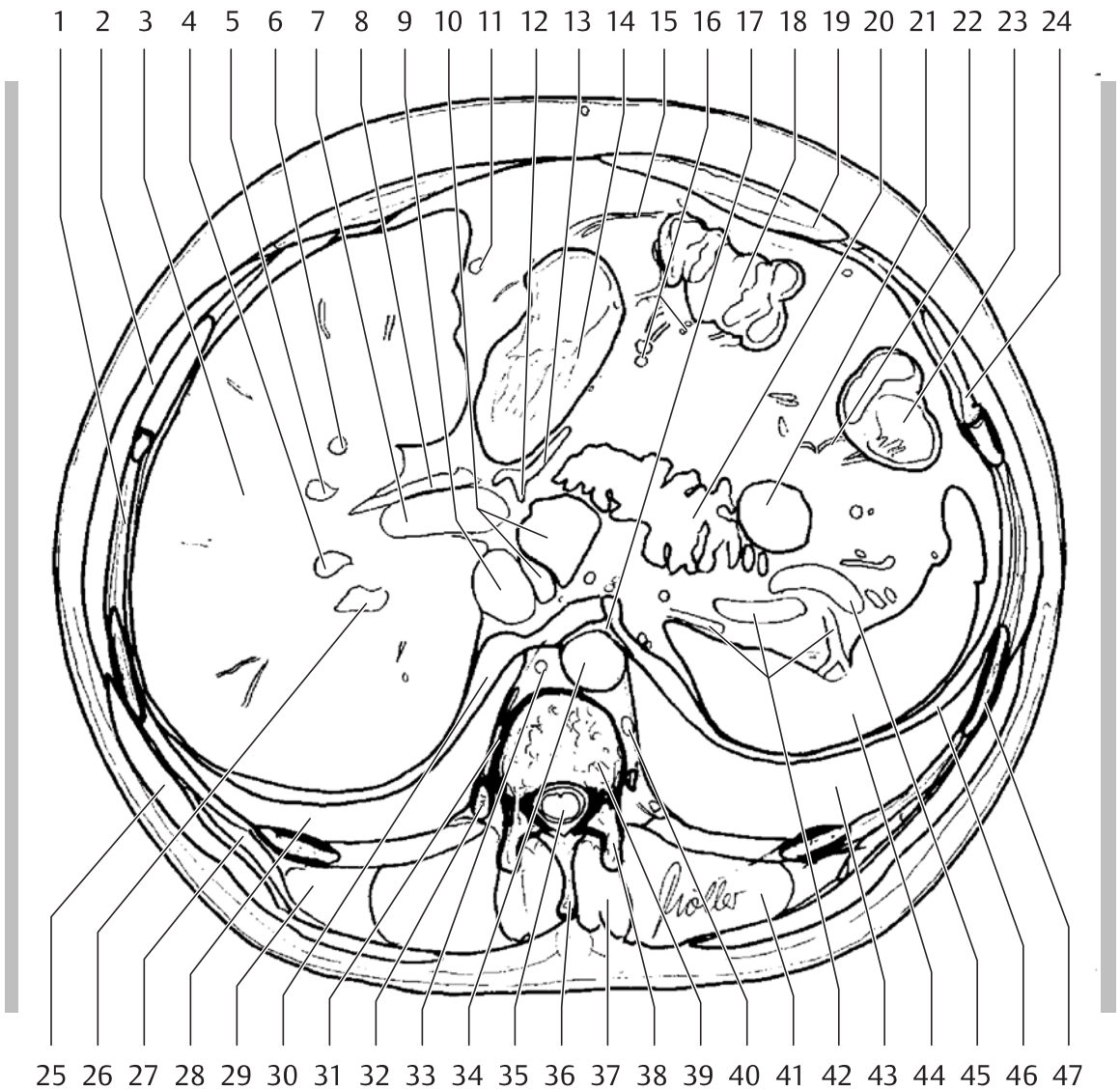


- | | | | |
|----|--|----|---|
| 15 | Right gastro-omental artery and greater omentum | 30 | Azygos vein |
| 16 | Stomach (body) | 31 | Vertebral body (T11) |
| 17 | Transverse colon | 32 | Spinal cord in thoracic spinal canal |
| 18 | Rectus abdominis muscle | 33 | Abdominal aorta |
| 19 | Middle colic artery (region of Riolan anastomosis) | 34 | Spinalis muscle (part of erector spinae muscle, medial tract) |
| 20 | Left colic artery | 35 | Posterior intercostal vein |
| 21 | External oblique muscle | 36 | Hemi-azygos vein |
| 22 | Descending colon | 37 | Longissimus lumbalis muscle (part of erector spinae muscle, lateral tract) |
| 23 | Latissimus dorsi muscle | 38 | Diaphragm, lumbar part, left crus |
| 24 | Diaphragm (costal part) | 39 | Iliocostalis lumborum muscle (part of erector spinae muscle, lateral tract) |
| 25 | Liver (right lobe) | 40 | Serratus posterior inferior muscle |
| 26 | Right lung | 41 | Spleen |
| 27 | Portal vein (right posterior branch) | 42 | Left lung |
| 28 | Inferior vena cava | 43 | Left gastro-omental artery |
| 29 | Thoracic duct | | |

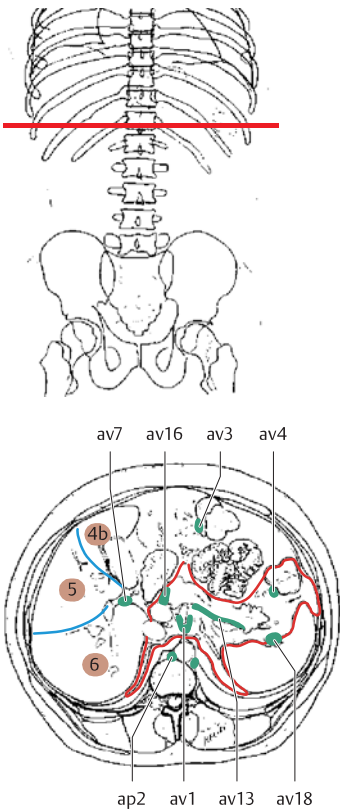
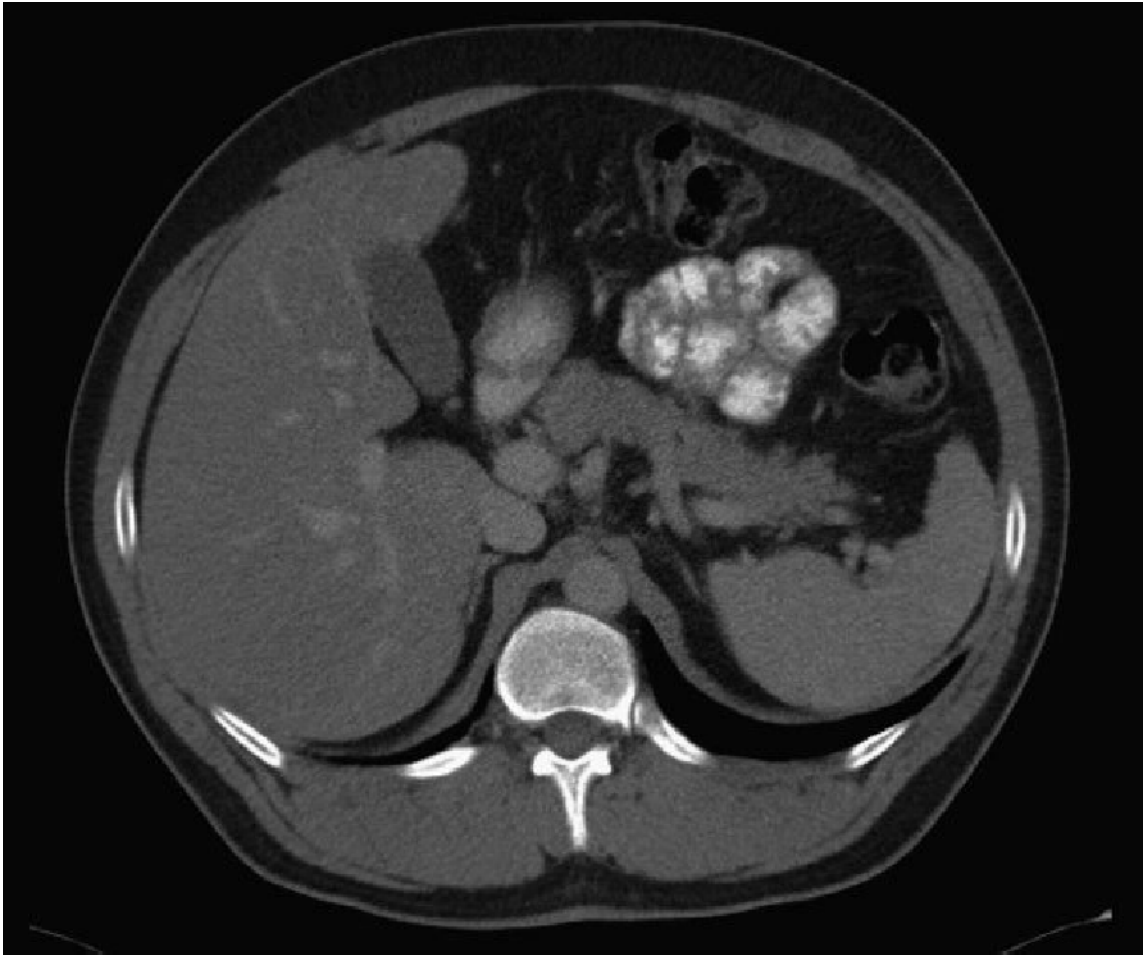


- 1 Intercostal muscles
- 2 External oblique muscle
- 3 Liver (right lobe)
- 4 Portal vein (right posterior branch)
- 5 Portal vein (right anterior branch)
- 6 Middle hepatic vein
- 7 Portal vein
- 8 Common hepatic duct
- 9 Inferior vena cava
- 10 Liver (caudate lobe)
- 11 Falciform ligament
- 12 Common hepatic artery
- 13 Right gastric artery
- 14 Stomach (pyloric antrum)
- 15 Greater omentum
- 16 Middle colic artery



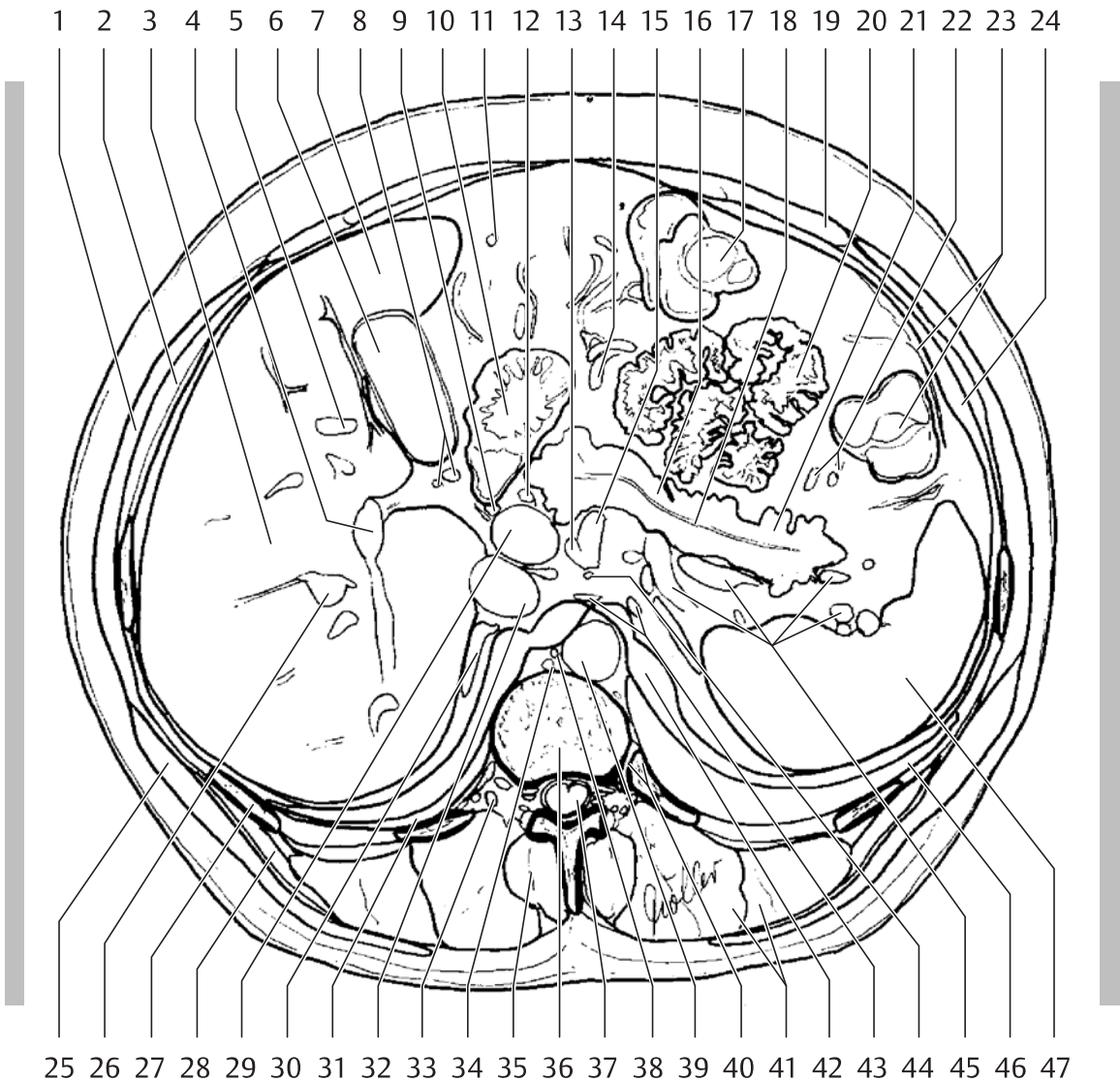


- | | |
|--|---|
| 17 Aortic hiatus with median arcuate ligament | 33 Thoracic duct |
| 18 Transverse colon | 34 Abdominal aorta |
| 19 Rectus abdominis muscle | 35 Spinal cord in thoracic spinal canal |
| 20 Pancreas (body) | 36 Spinous process (T12) |
| 21 Stomach, greater curvature (section) | 37 Spinalis muscle (part of erector spinae muscle, medial tract) |
| 22 Left colic artery | 38 Vertebral body (T12) |
| 23 Descending colon | 39 Transverse process (T12) |
| 24 Rib 9 (costal cartilage) | 40 Hemi-azygos vein |
| 25 Latissimus dorsi muscle | 41 Longissimus lumbalis muscle (part of erector spinae muscle, lateral tract) |
| 26 Portal vein (right posterior branch) | 42 Splenic artery |
| 27 Serratus posterior inferior muscle | 43 Left lung |
| 28 Right lung | 44 Spleen |
| 29 Iliocostalis lumborum muscle (part of erector spinae muscle, lateral tract) | 45 Splenic vein |
| 30 Diaphragm (lumbar part, right crus) | 46 Diaphragm (costal part) |
| 31 Subcostal vein | 47 Rib 10 (costal cartilage) |
| 32 Rib 12 (head) | |

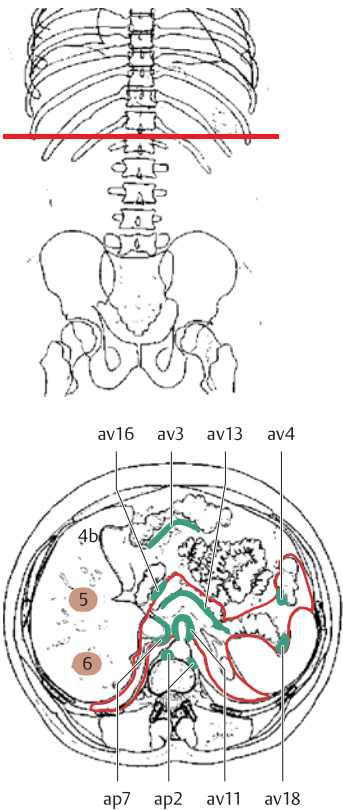
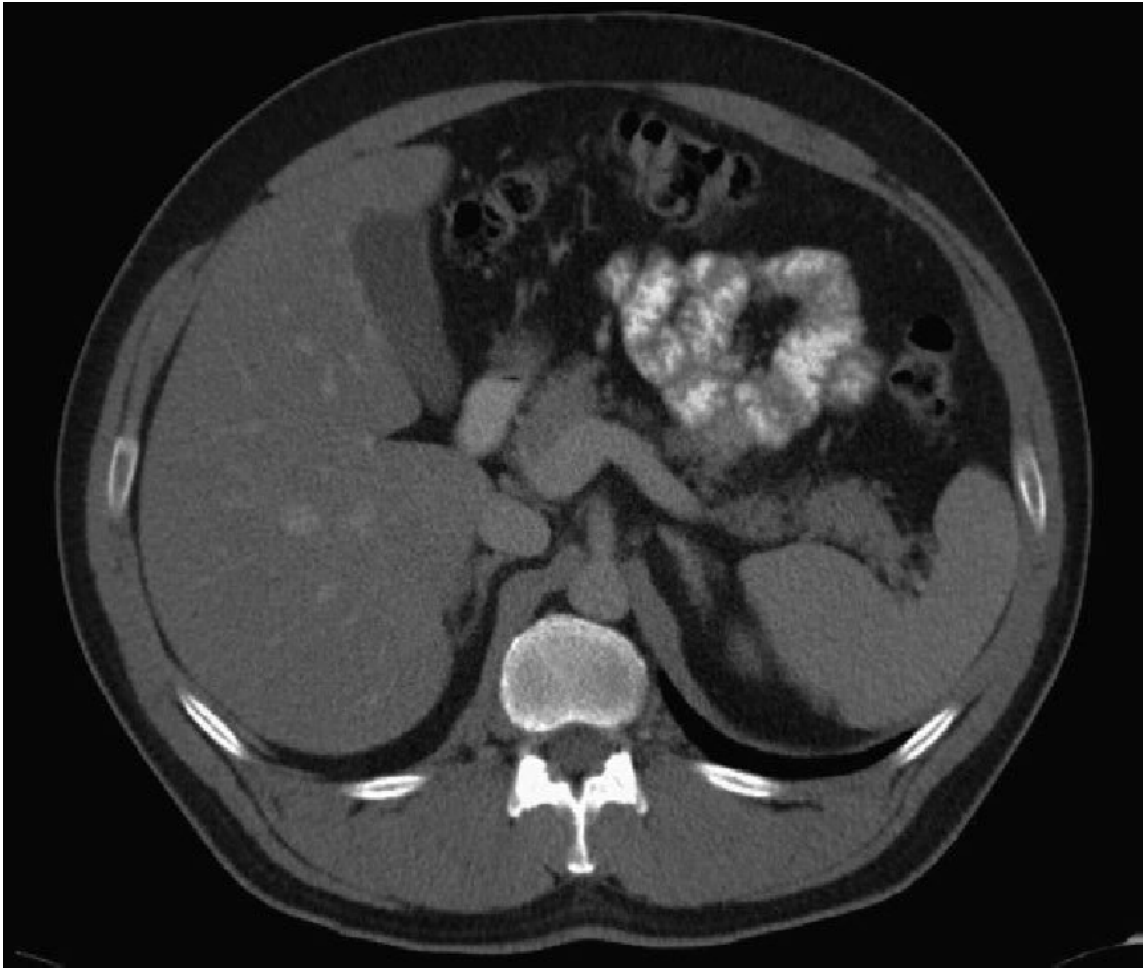


- 1 External oblique muscle
- 2 Internal oblique muscle
- 3 Liver (right lobe)
- 4 Portal vein (right branch)
- 5 Middle hepatic vein
- 6 Gallbladder
- 7 Liver (left lobe)
- 8 Cystic duct and cystic artery
- 9 Bile duct
- 10 Stomach (pylorus)
- 11 Falciform ligament
- 12 Gastroduodenal artery
- 13 Common hepatic artery
- 14 Middle colic artery
- 15 Splenic artery
- 16 Pancreas (body)



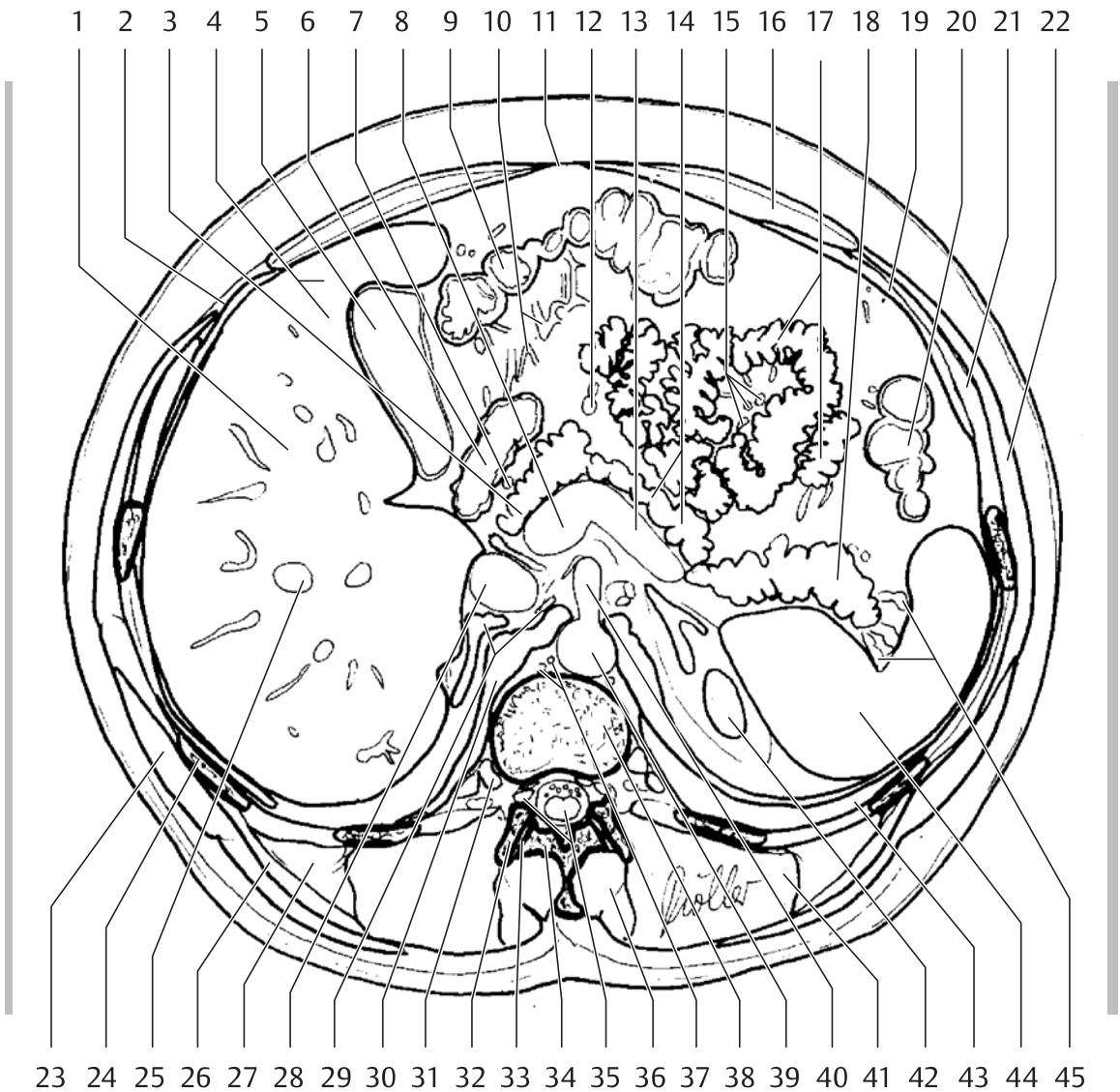


- | | |
|---|--|
| 17 Transverse colon | 35 Spinalis muscle (medial part of erector spinae muscle, medial tract) |
| 18 Pancreatic duct | 36 Vertebral body (T12) |
| 19 Rectus abdominis muscle | 37 Spinal cord in thoracic spinal canal |
| 20 Jejunum | 38 Thoracic duct |
| 21 Pancreas (tail) | 39 Abdominal aorta in aortic hiatus |
| 22 Left colic artery and vein | 40 Costovertebral joint (XII) and head of rib 12 |
| 23 Descending colon and greater omentum | 41 Iliocostalis lumborum muscle and longissimus lumbalis muscle (part of erector spinae muscle, lateral tract) |
| 24 Transversus abdominis muscle | 42 Diaphragm (lumbar part, left crus) |
| 25 Latissimus dorsi muscle | 43 Inferior phrenic arteries |
| 26 Right hepatic vein | 44 Left gastric artery |
| 27 Rib 11 (bony posterior part) | 45 Splenic artery and vein |
| 28 Serratus posterior inferior muscle | 46 Left lung (costodiaphragmatic recess) |
| 29 Portal vein | 47 Spleen |
| 30 Right suprarenal gland | |
| 31 Right lung (costodiaphragmatic recess) | |
| 32 Inferior vena cava | |
| 33 Spinal nerve | |
| 34 Right ascending lumbar vein | |

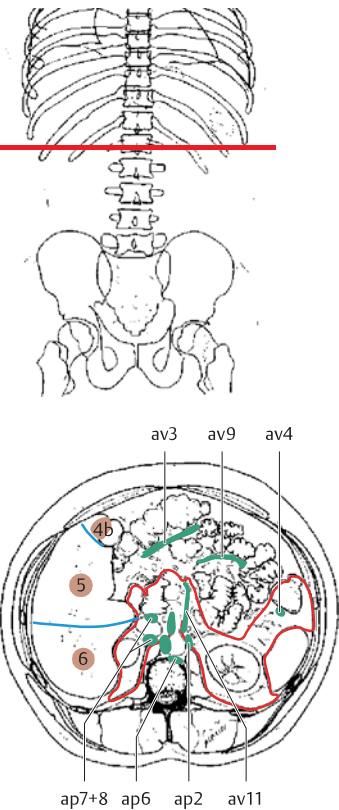
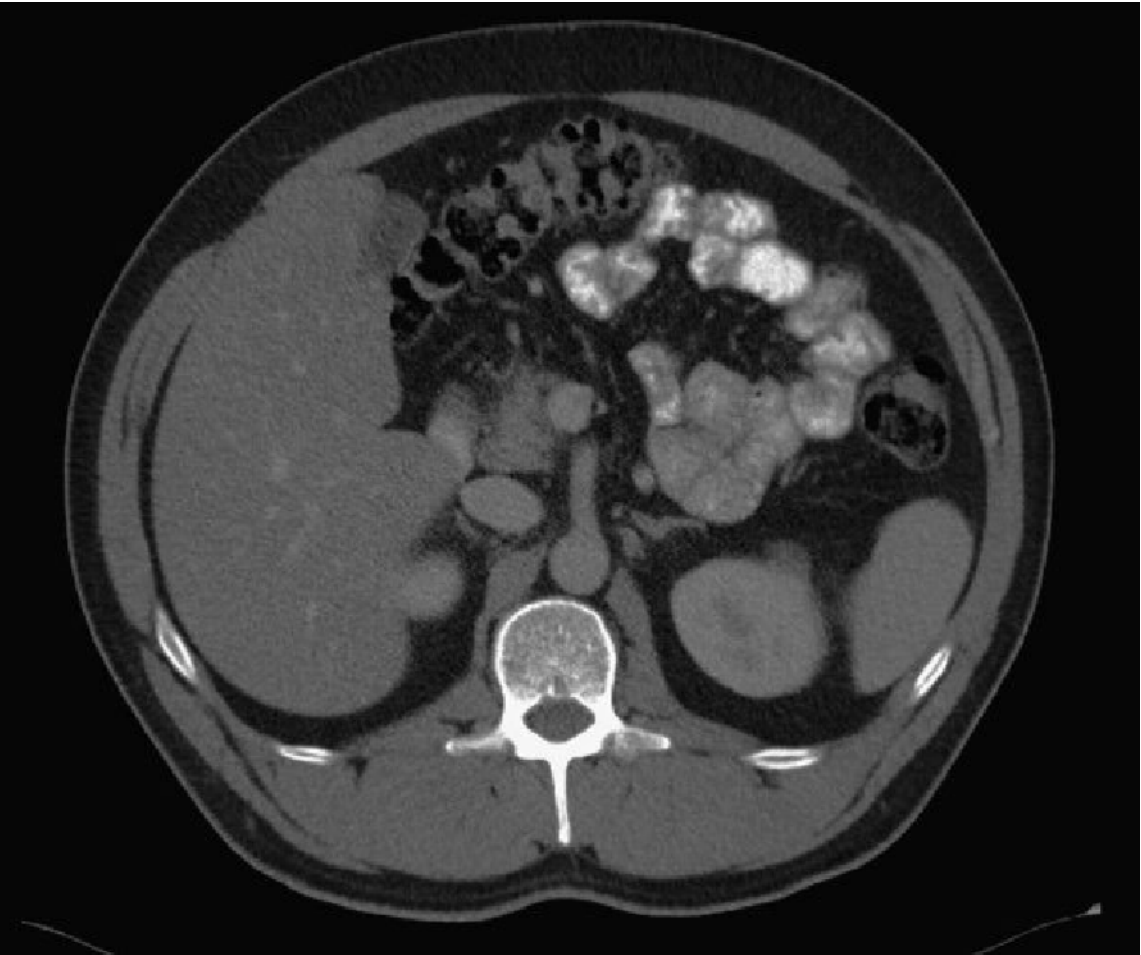


- 1 Liver (right lobe)
- 2 Aponeurosis of external and internal oblique and transversus abdominis muscles
- 3 Pancreas (head)
- 4 Liver (left lobe)
- 5 Gallbladder
- 6 Duodenum
- 7 Gastroduodenal artery
- 8 Portal vein (confluence)
- 9 Transverse colon
- 10 "Arcades" of middle colic artery and vein
- 11 Linea alba
- 12 Middle colic artery
- 13 Splenic vein
- 14 Pancreas (body)
- 15 Jejunal arteries and veins



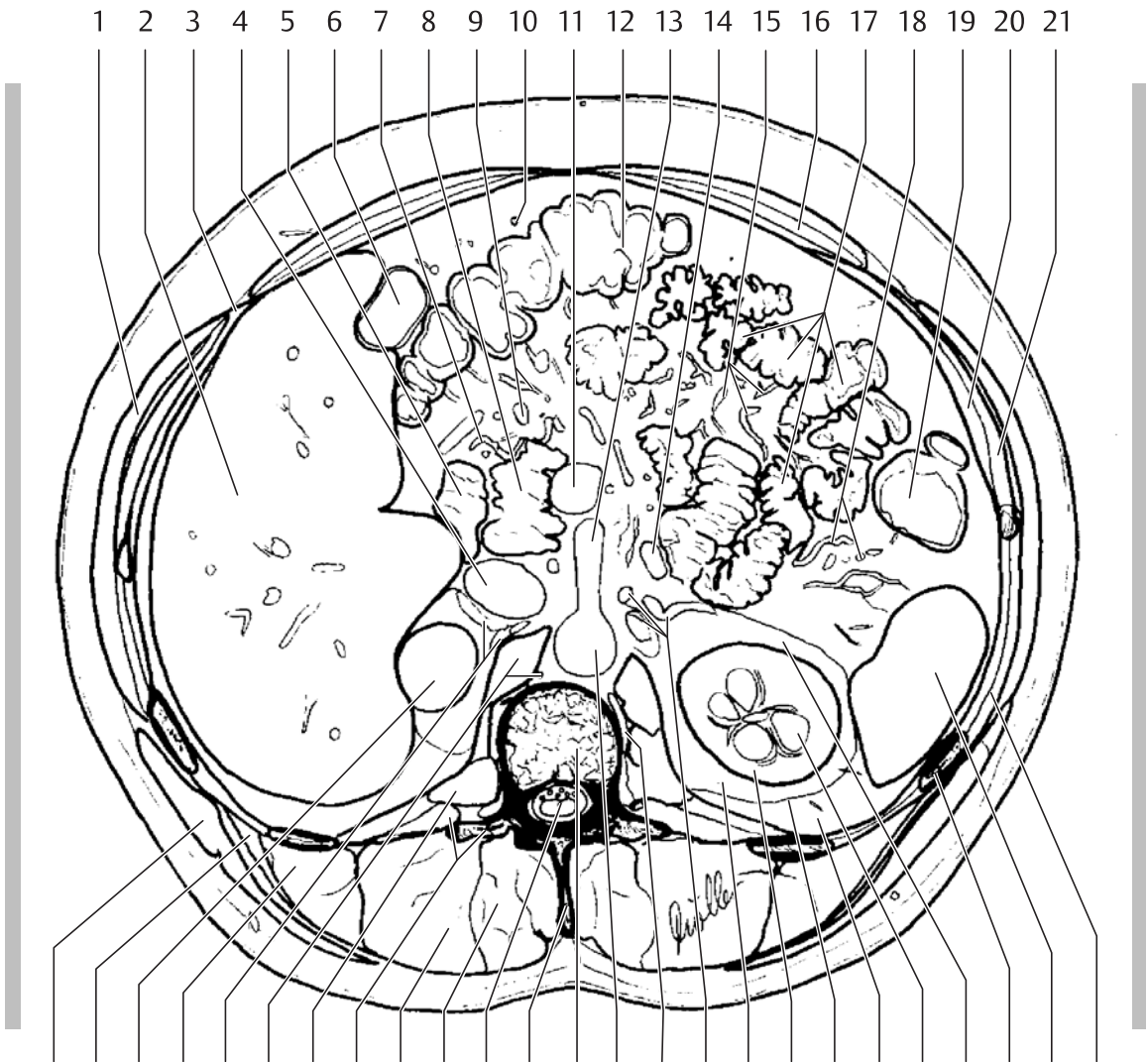


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|--|---|
| 16 Rectus abdominis muscle | 32 Superior articular process |
| 17 Jejunum | 33 Zygapophysial joint |
| 18 Pancreas (tail) | 34 Vertebral arch (lamina) |
| 19 Transversus abdominis muscle | 35 Conus medullaris in lumbar spinal canal and T12 spinal ganglion (nerve root) |
| 20 Descending colon | 36 Spinalis muscle (medial part of erector spinae muscle) |
| 21 Internal oblique muscle | 37 Right ascending lumbar vein and thoracic duct |
| 22 External oblique muscle | 38 Lumbar vertebral body (L1) |
| 23 Latissimus dorsi muscle | 39 Abdominal aorta |
| 24 Rib 11 (posterior part) | 40 Coeliac trunk |
| 25 Right hepatic vein | 41 Longissimus lumbalis muscle (part of erector spinae muscle, lateral tract) |
| 26 Serratus posterior inferior muscle | 42 Left kidney (superior pole) |
| 27 Iliocostalis lumborum muscle (part of erector spinae muscle, lateral tract) | 43 Left lung (costodiaphragmatic recess) |
| 28 Inferior vena cava | 44 Spleen |
| 29 Right suprarenal gland and (superior) suprarenal artery | 45 Splenic artery and vein |
| 30 Diaphragm (right crus) | |
| 31 Psoas major | |

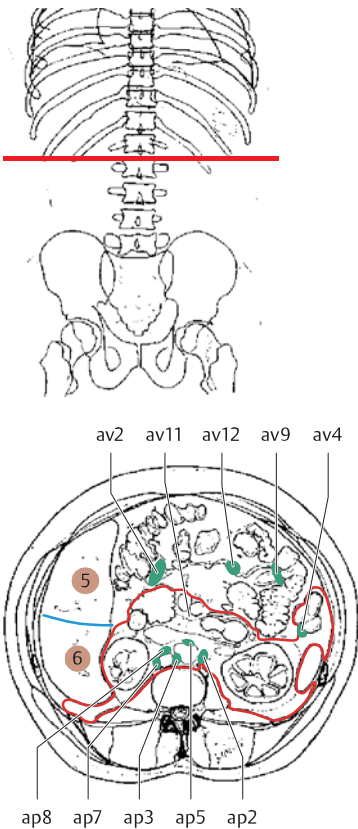
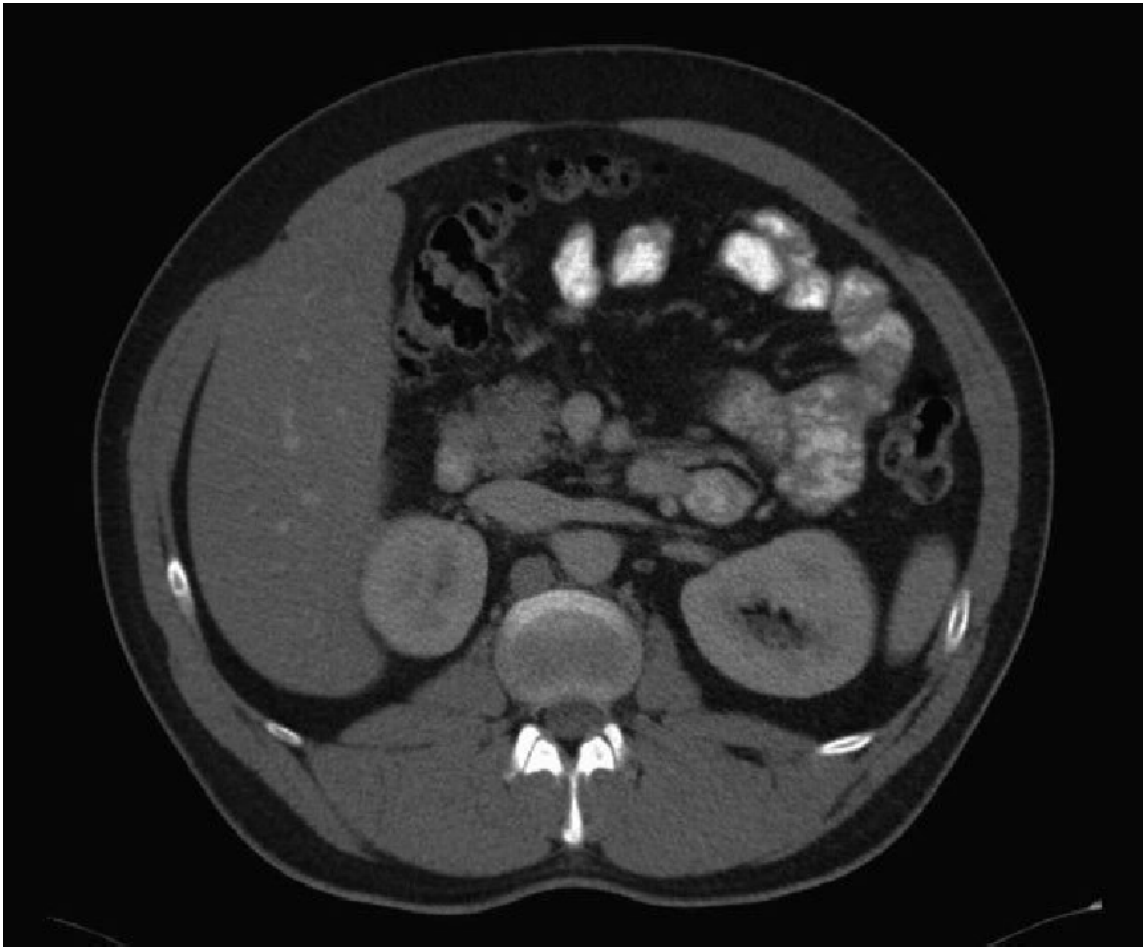


- 1 External oblique muscle
- 2 Liver (right lobe)
- 3 Aponeurosis of external and internal oblique and transversus abdominis muscles
- 4 Inferior vena cava
- 5 Duodenum (descending part)
- 6 Gallbladder
- 7 Gastroduodenal artery
- 8 Pancreas (head)
- 9 Middle colic vein
- 10 Falciform ligament
- 11 Superior mesenteric vein
- 12 Transverse colon
- 13 Superior mesenteric artery
- 14 Inferior mesenteric vein
- 15 Jejunal arteries and veins
- 16 Rectus abdominis muscle

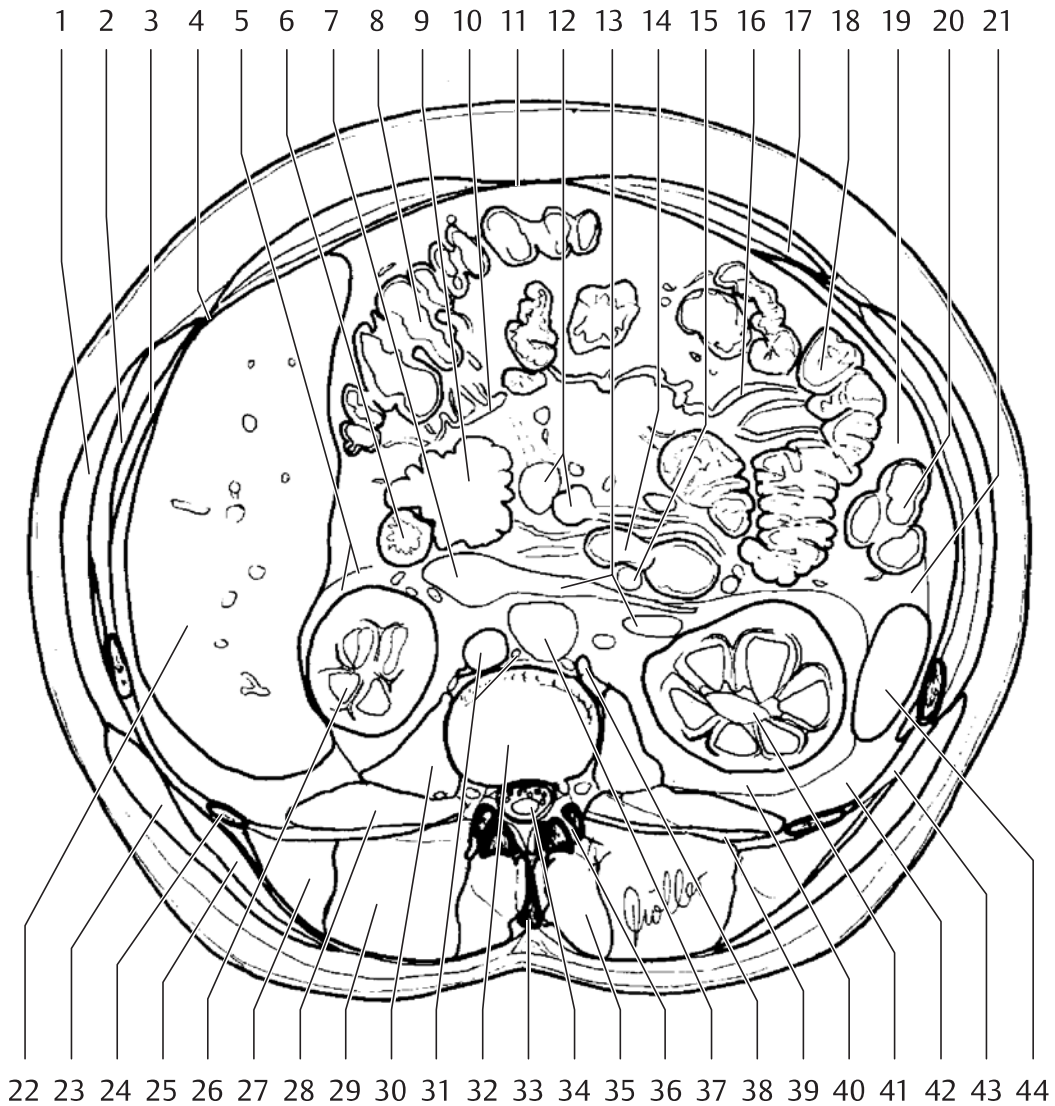




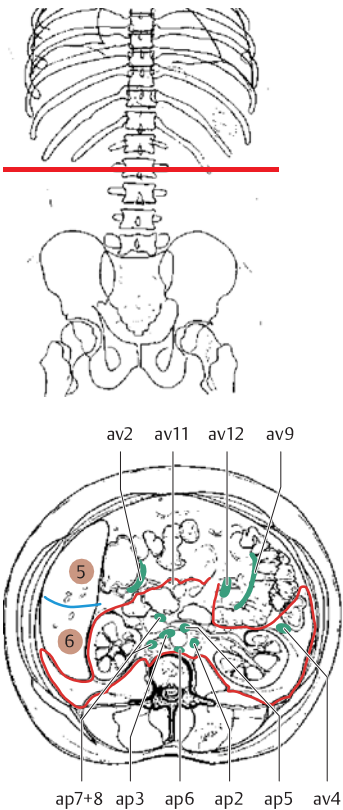
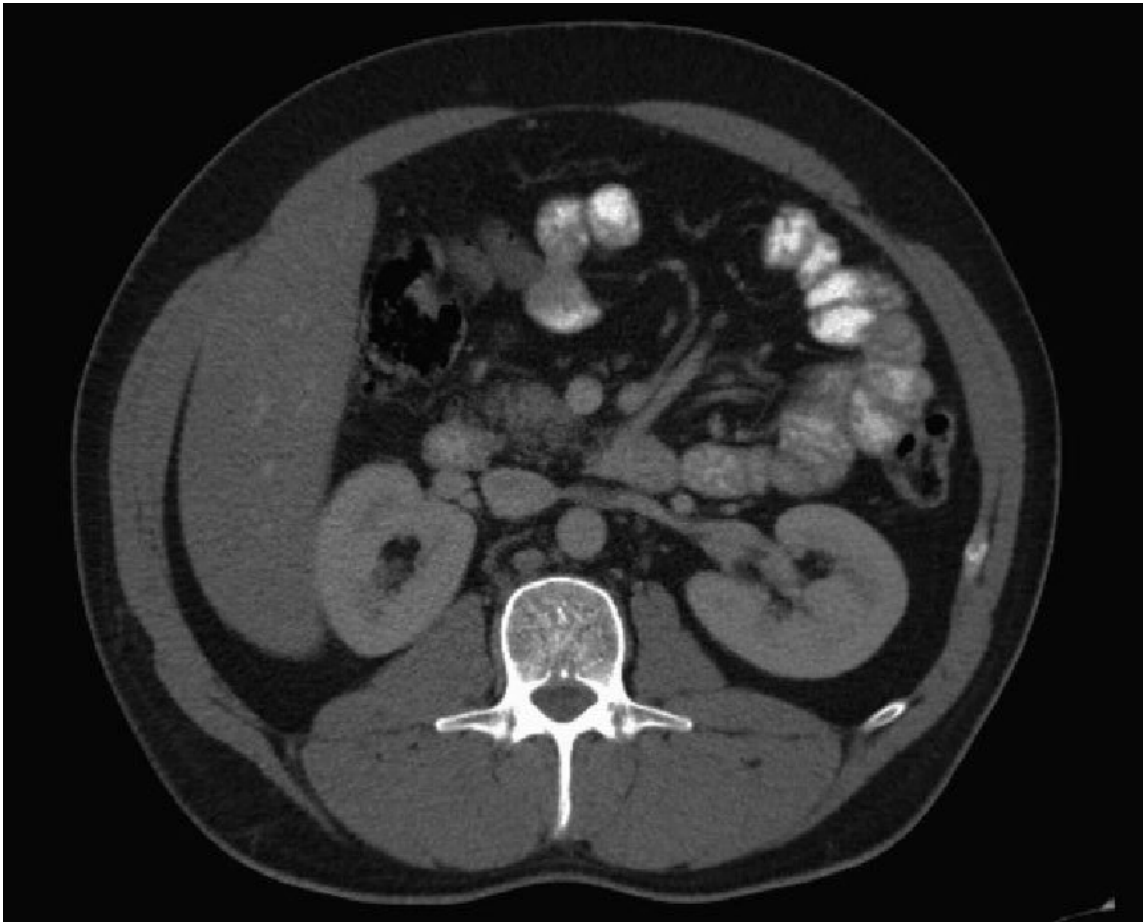
- | | |
|--|--|
| 17 Jejunum | 31 Spinalis muscle (part of erector spinae muscle, medial tract) |
| 18 Left colic artery and vein | 32 Conus medullaris in lumbar spinal canal with nerve filaments |
| 19 Descending colon | 33 Spinous process |
| 20 Transversus abdominis muscle | 34 Vertebral body (L1) |
| 21 Internal oblique muscle | 35 Abdominal aorta |
| 22 Latissimus dorsi muscle | 36 Left ascending lumbar vein |
| 23 Serratus posterior inferior muscle | 37 Left suprarenal gland and (superior) suprarenal artery and vein |
| 24 Right kidney (superior pole) | 38 Posterior perirenal space |
| 25 Iliocostalis lumborum muscle (part of erector spinae muscle, lateral tract) | 39 Left kidney (cortex) |
| 26 Right suprarenal gland and (superior) suprarenal artery | 40 Posterior renal fascia |
| 27 Diaphragm, right crus, and thoracic duct | 41 Posterior pararenal space |
| 28 Psoas major muscle | 42 Left kidney (medulla) |
| 29 Transverse process and quadratus lumborum muscle | 43 Anterior perirenal space |
| 30 Longissimus lumbalis muscle (part of erector spinae muscle, lateral tract) | 44 Rib 11 (posterior part) |
| | 45 Spleen |
| | 46 Intercostal muscles |



- 1 External oblique muscle
- 2 Internal oblique muscle
- 3 Transversus abdominis muscle
- 4 Aponeurosis of external and internal oblique and transversus abdominis muscles
- 5 Renal fascia and anterior perirenal space
- 6 Duodenum (descending part)
- 7 Inferior vena cava
- 8 Transverse colon
- 9 Pancreas (head)
- 10 Right colic (artery and) vein
- 11 Linea alba
- 12 Superior mesenteric artery and vein
- 13 Left renal artery and vein
- 14 Duodenojejunal flexure



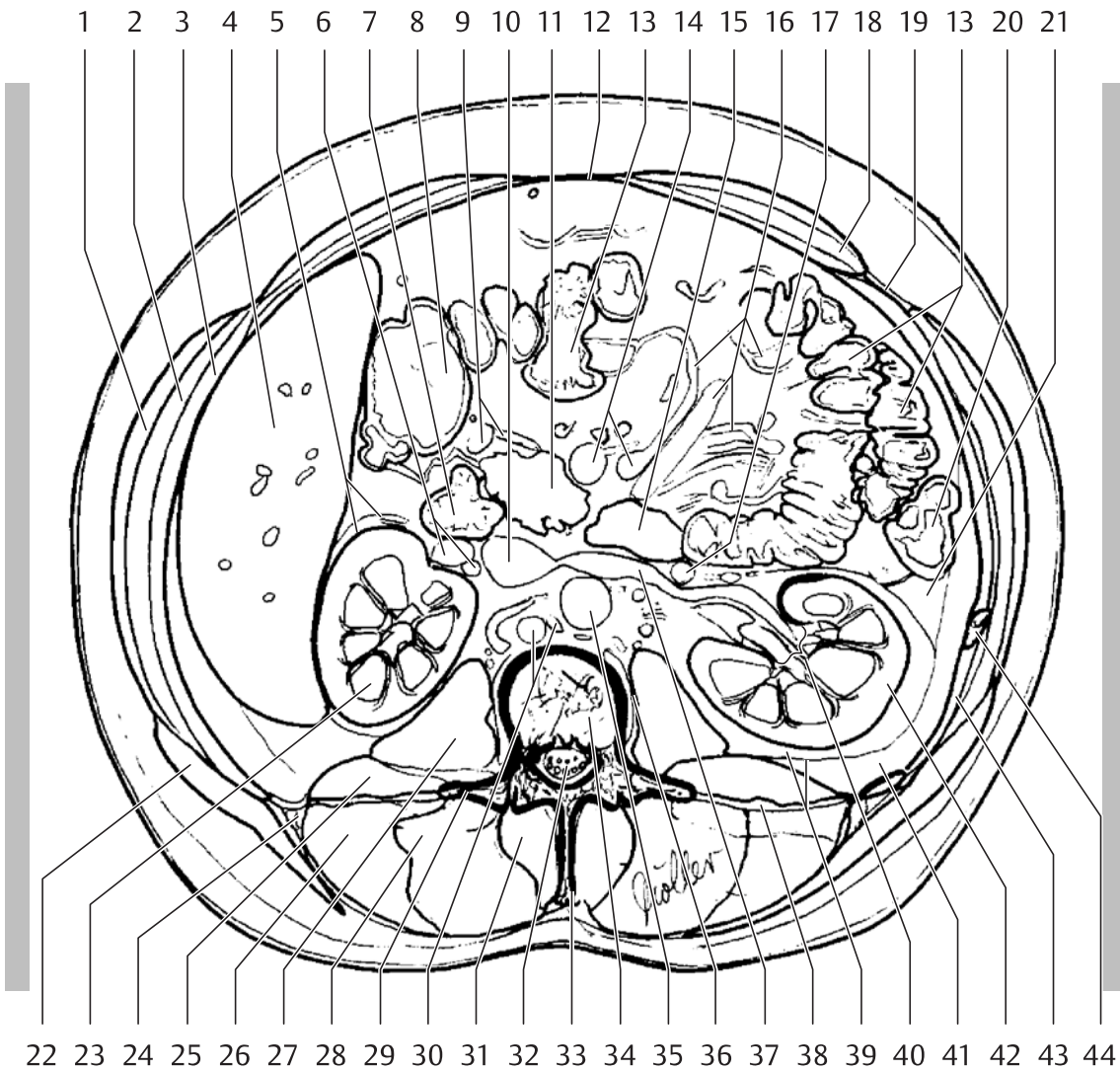
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|--|---|
| 15 Inferior mesenteric vein | 32 Nucleus pulposus (intervertebral disk L1–L2) |
| 16 Ileocecal veins | 33 Spinous process |
| 17 Rectus abdominis muscle | 34 Conus medullaris in lumbar spinal canal with nerve filaments and L1 spinal nerve |
| 18 Jejunum | 35 Spinalis muscle (medial part of erector spinae muscle, medial tract) |
| 19 Anterior paracolic space | 36 Zygapophysial joint |
| 20 Descending colon | 37 Abdominal aorta and origin of right renal artery |
| 21 Posterior paracolic space | 38 Left ascending lumbar vein |
| 22 Liver (right lobe) | 39 Thoracolumbar fascia |
| 23 Latissimus dorsi muscle | 40 Posterior perirenal space |
| 24 Rib 12 | 41 Left kidney (calices, renal pelvis) |
| 25 Serratus posterior inferior muscle | 42 Posterior pararenal space |
| 26 Right kidney (renal pyramid, medulla) | 43 Intercostal muscles |
| 27 Iliocostalis lumborum muscle (part of erector spinae muscle, lateral tract) | 44 Spleen |
| 28 Quadratus lumborum muscle | |
| 29 Longissimus lumbalis muscle (part of erector spinae muscle, lateral tract) | |
| 30 Psoas major muscle | |
| 31 Diaphragm, right crus, and thoracic duct | |



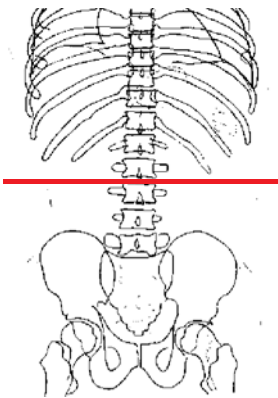
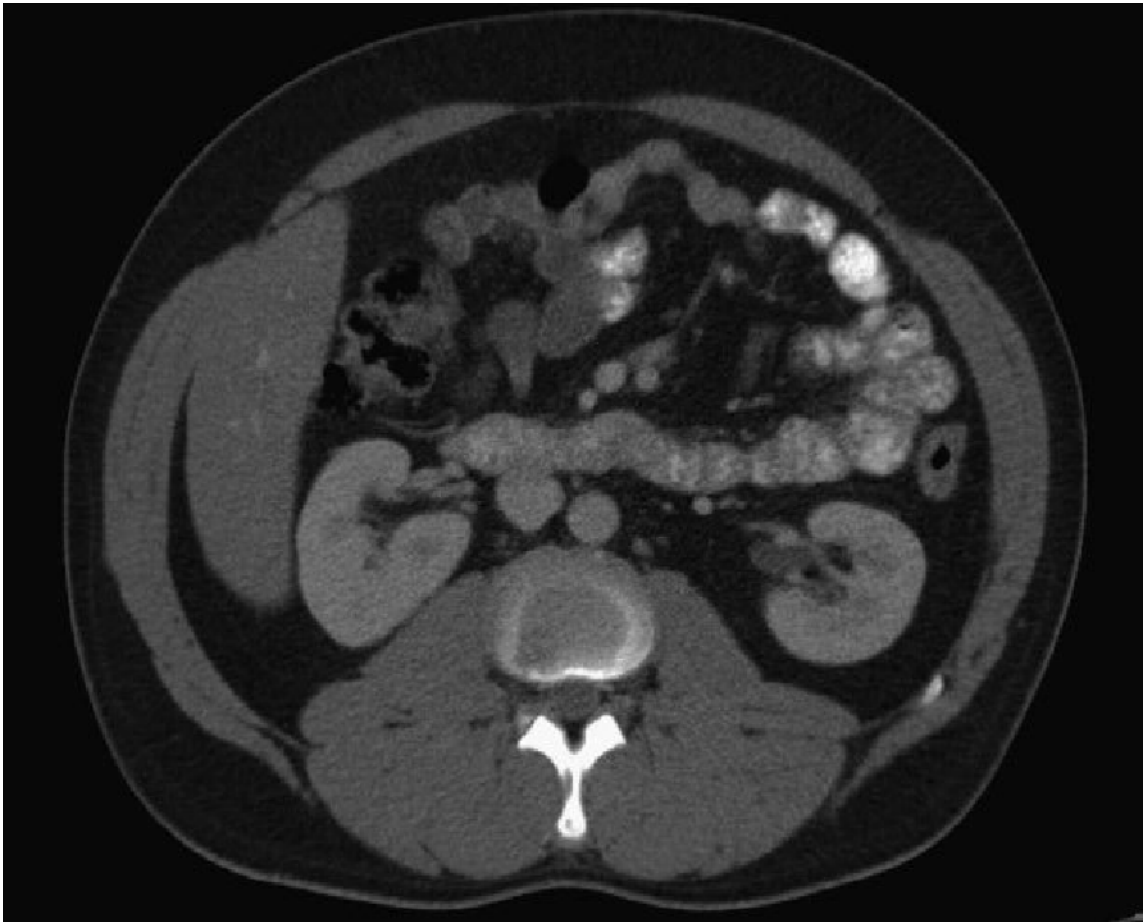
- 1 External oblique muscle
- 2 Internal oblique muscle
- 3 Transversus abdominis muscle
- 4 Liver (right lobe)
- 5 Renal fascia and anterior perirenal space
- 6 Right renal artery and vein
- 7 Duodenum (descending part)
- 8 Transverse colon
- 9 Right colic artery and vein
- 10 Inferior vena cava
- 11 Pancreas (head)

- = Lymph node (see inside back cover)
- = Borders of hepatic segments
- = Peritoneum

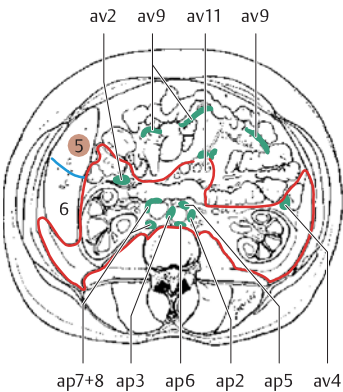
Numbers indicate the hepatic segments (see inside back cover)



- | | |
|---|---|
| 12 Linea alba | 28 Longissimus lumbalis muscle (part of erector spinae muscle, lateral tract) |
| 13 Jejunum | 29 Transverse (costal) process |
| 14 Superior mesenteric artery and vein | 30 Diaphragm, right crus, and thoracic duct |
| 15 Duodenum (ascending part) | 31 Spinalis muscle (part of erector spinae muscle, medial tract) |
| 16 Ileocecal arteries and veins | 32 Cauda equina in lumbar spinal canal |
| 17 Inferior mesenteric vein | 33 Spinous process |
| 18 Rectus abdominis muscle | 34 Vertebral body (L2) |
| 19 Aponeurosis of external and internal oblique and transversus abdominis muscles | 35 Abdominal aorta |
| 20 Descending colon | 36 Left ascending lumbar vein |
| 21 Posterior paracolic space | 37 Left renal vein |
| 22 Latissimus dorsi muscle | 38 Thoracolumbar fascia |
| 23 Right kidney (renal pyramid, medulla) | 39 Renal fascia and posterior perirenal space |
| 24 Serratus posterior inferior muscle | 40 Left kidney (hilum) |
| 25 Quadratus lumborum muscle | 41 Posterior pararenal space |
| 26 Iliocostalis lumborum muscle (part of erector spinae muscle, lateral tract) | 42 Left kidney (cortex) |
| 27 Psoas major muscle | 43 Intercostal muscles |
| | 44 Rib 12 |

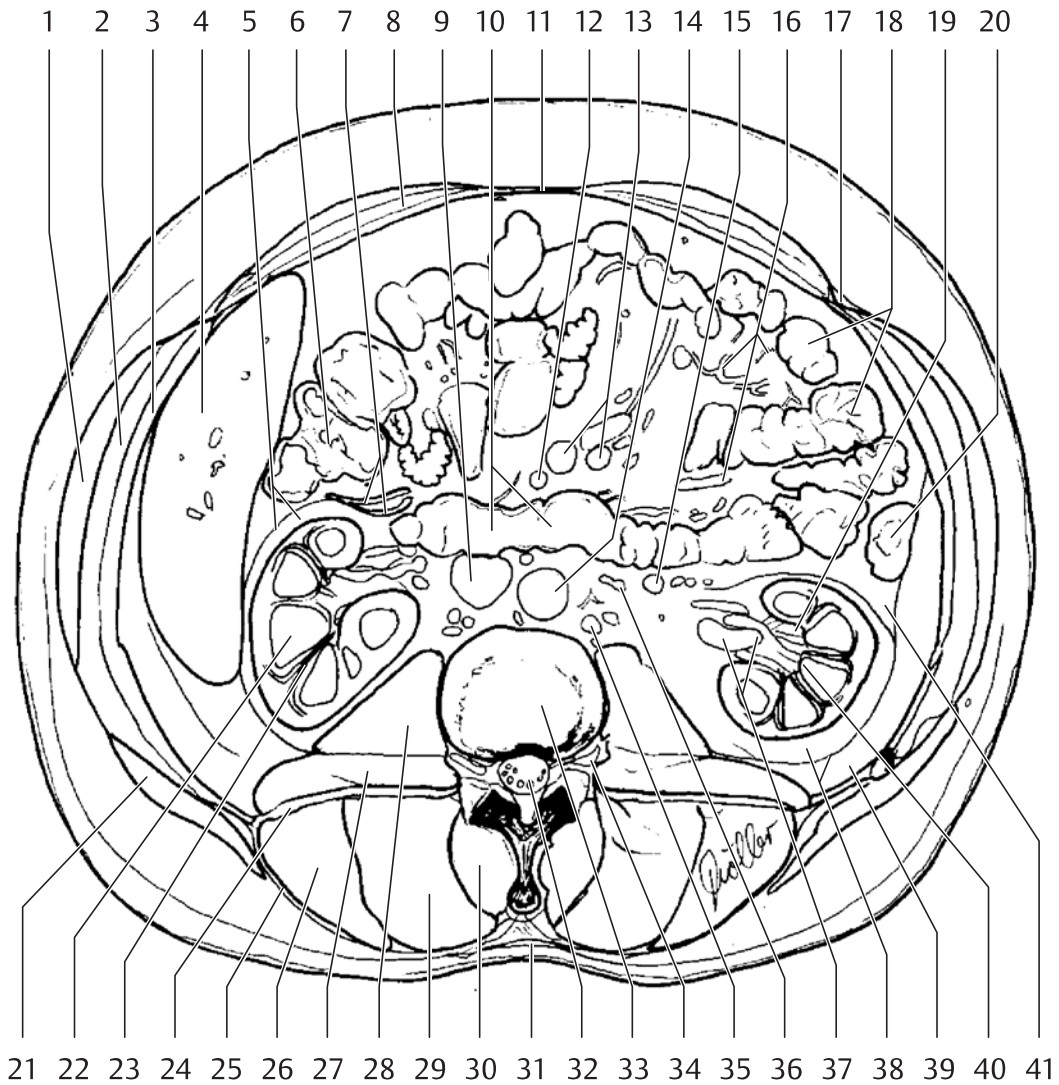


- 1 External oblique muscle
- 2 Internal oblique muscle
- 3 Transversus abdominis muscle
- 4 Liver (right lobe)
- 5 Renal fascia and anterior perirenal space
- 6 Ascending colon
- 7 Right colic artery and vein
- 8 Rectus abdominis muscle
- 9 Inferior vena cava

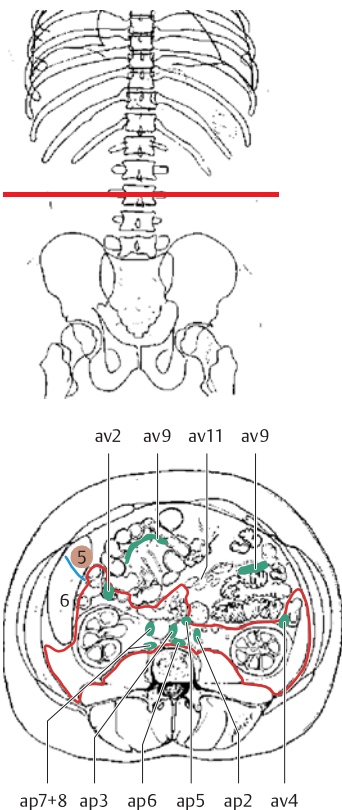


- = Lymph node (see inside back cover)
- = Borders of hepatic segments
- = Peritoneum

Numbers indicate the hepatic segments (see inside back cover)



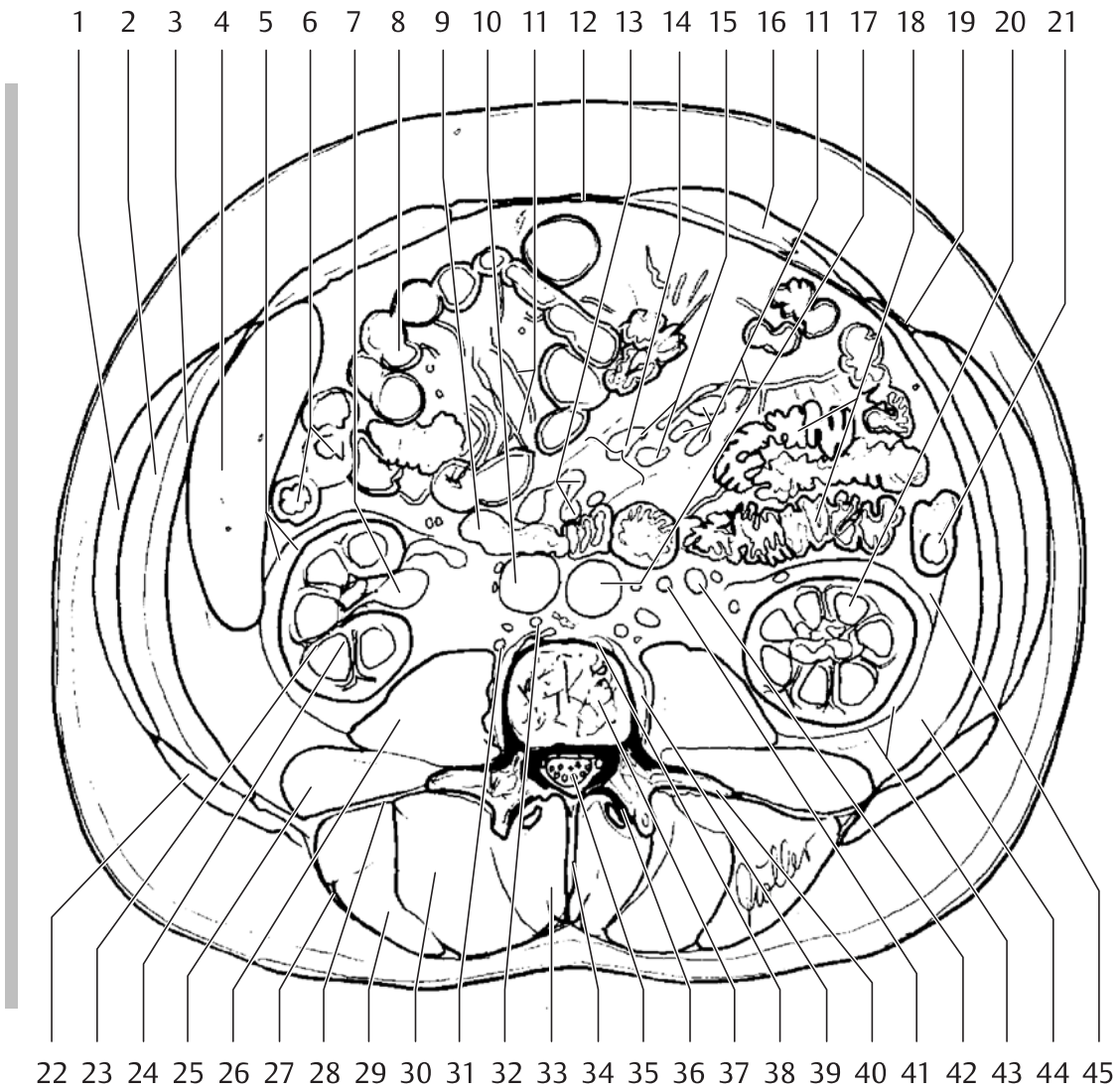
- | | |
|---|---|
| 10 Duodenum (horizontal part) | 27 Quadratus lumborum muscle |
| 11 Linea alba | 28 Psoas major muscle |
| 12 Ileocolic vein | 29 Longissimus lumbalis muscle (part of erector spinae muscle, lateral tract) |
| 13 Superior mesenteric artery and vein | 30 Spinalis muscle (medial part of erector spinae muscle, medial tract) |
| 14 Abdominal aorta | 31 Supraspinous ligament |
| 15 Inferior mesenteric vein | 32 Spinal canal with cauda equina |
| 16 Ileojejunal arteries and veins | 33 Intervertebral disk (L2-L3) |
| 17 Aponeurosis of external and internal oblique and transversus abdominis muscles | 34 Spinal ganglion (L2 nerve root) |
| 18 Jejunum | 35 Left ascending lumbar vein |
| 19 Left kidney (peripelvic fat) | 36 Left testicular vein |
| 20 Descending colon | 37 Left kidney (pelvis) |
| 21 Latissimus dorsi muscle | 38 Renal fascia and posterior perirenal space |
| 22 Right kidney (renal pyramid, medulla) | 39 Posterior pararenal space |
| 23 Right kidney (renal column) | 40 Left kidney (papilla) |
| 24 Thoracolumbar fascia (deep layer) | 41 Posterior paracolic space |
| 25 Thoracolumbar fascia (superficial layer) | |
| 26 Iliocostalis lumborum muscle (part of erector spinae muscle, lateral tract) | |



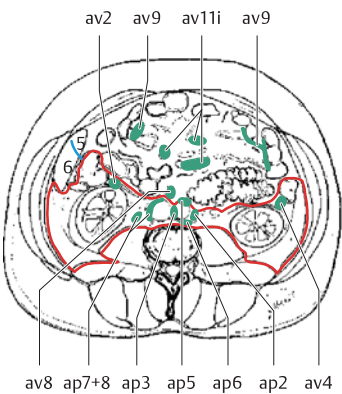
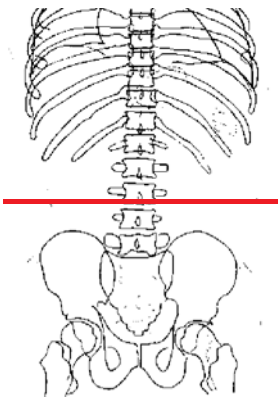
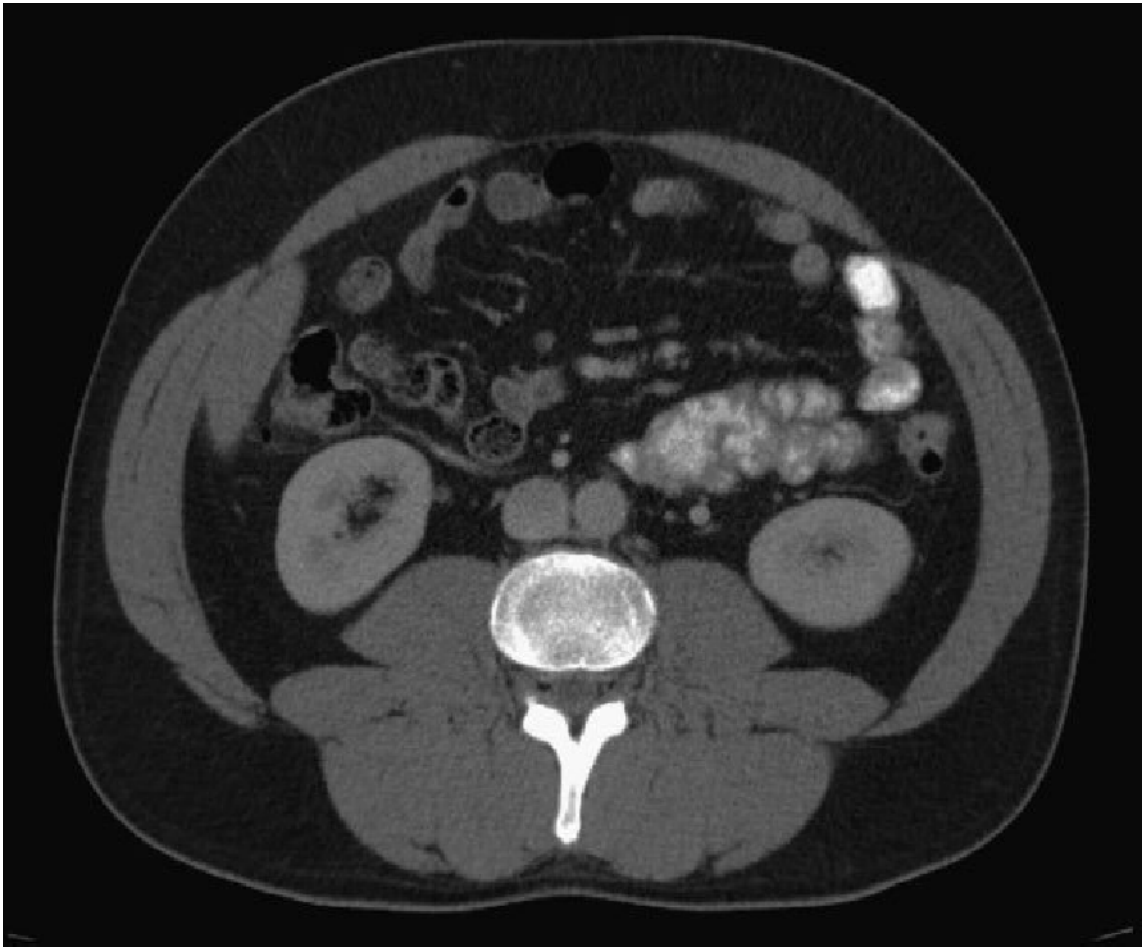
- 1 External oblique muscle
- 2 Internal oblique muscle
- 3 Transversus abdominis muscle
- 4 Liver (right lobe)
- 5 Renal fascia and anterior perirenal space
- 6 Ascending colon
- 7 Right kidney (pelvis)
- 8 Small intestine
- 9 Duodenum (horizontal part)
- 10 Inferior vena cava
- 11 Ileocecal arteries and veins
- 12 Linea alba
- 13 Ileocolic artery and vein

- = Lymph node (see inside back cover)
- = Borders of hepatic segments
- = Peritoneum

Numbers indicate the hepatic segments (see inside back cover)



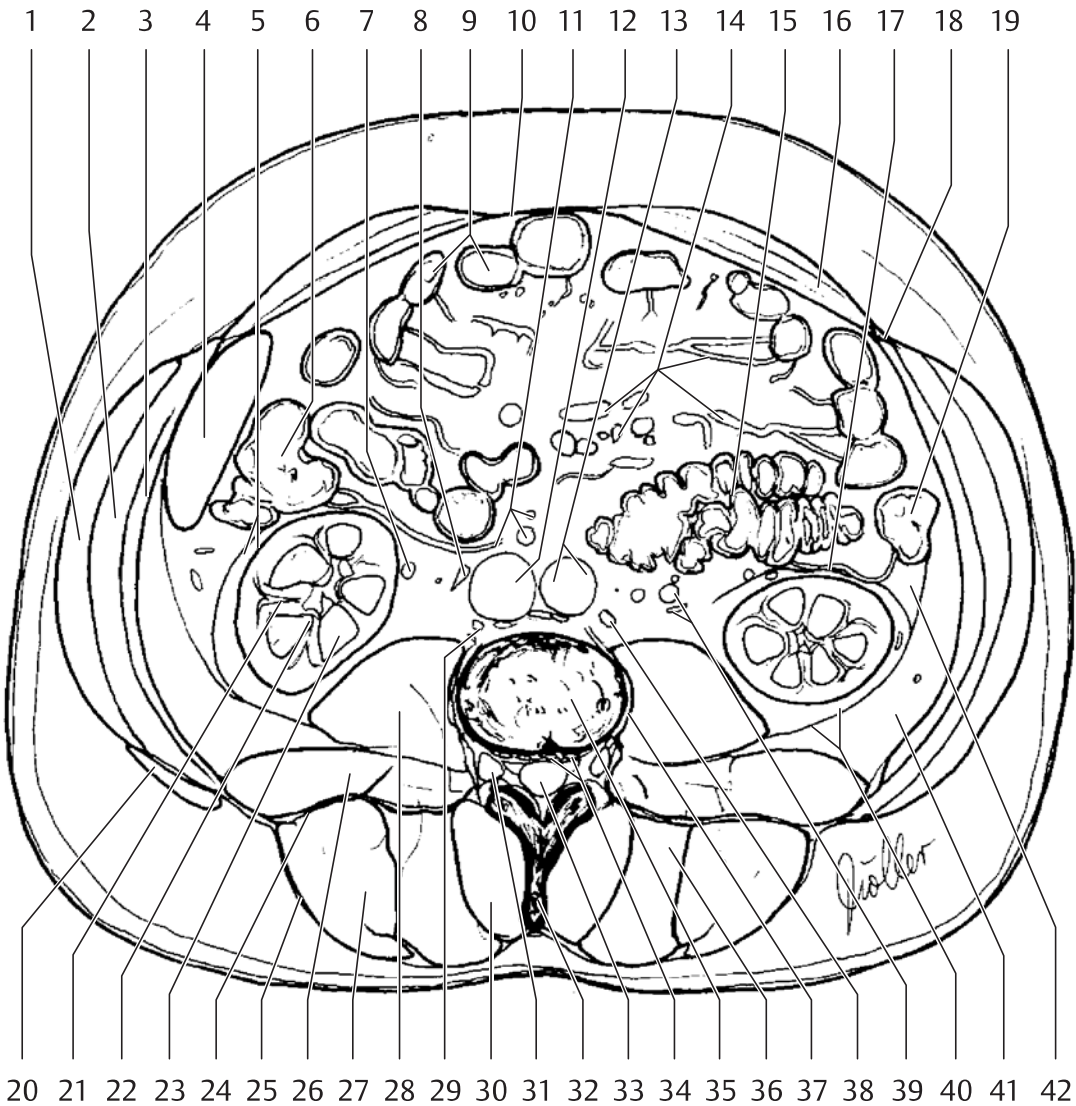
- | | |
|---|---|
| 14 Root of mesentery | 30 Longissimus lumbalis muscle (part of erector spinae muscle, lateral tract) |
| 15 Superior mesenteric artery and vein | 31 Right ascending lumbar vein |
| 16 Rectus abdominis muscle | 32 Thoracic duct |
| 17 Abdominal aorta | 33 Spinalis muscle (part of erector spinae muscle) |
| 18 Jejunum | 34 Spinous process |
| 19 Aponeurosis of external and internal oblique and transversus abdominis muscles | 35 Spinal canal with cauda equina |
| 20 Left kidney (renal pyramid, medulla) | 36 Zygapophysial joint |
| 21 Descending colon | 37 Vertebral body (L3) |
| 22 Latissimus dorsi muscle | 38 Lumbar (sympathetic) ganglion |
| 23 Right kidney (renal column) | 39 Lumbar artery (dorsal branch) |
| 24 Right kidney (renal papilla) | 40 Transverse (costal) process |
| 25 Quadratus lumborum muscle | 41 Left testicular artery and vein |
| 26 Psoas major muscle | 42 Inferior mesenteric vein |
| 27 Thoracolumbar fascia (superficial layer) | 43 Renal fascia and posterior perirenal space |
| 28 Thoracolumbar fascia (deep layer) | 44 Posterior pararenal space |
| 29 Iliocostalis lumborum muscle (part of erector spinae muscle, lateral tract) | 45 Posterior paracolic space |



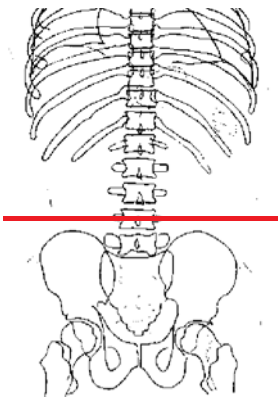
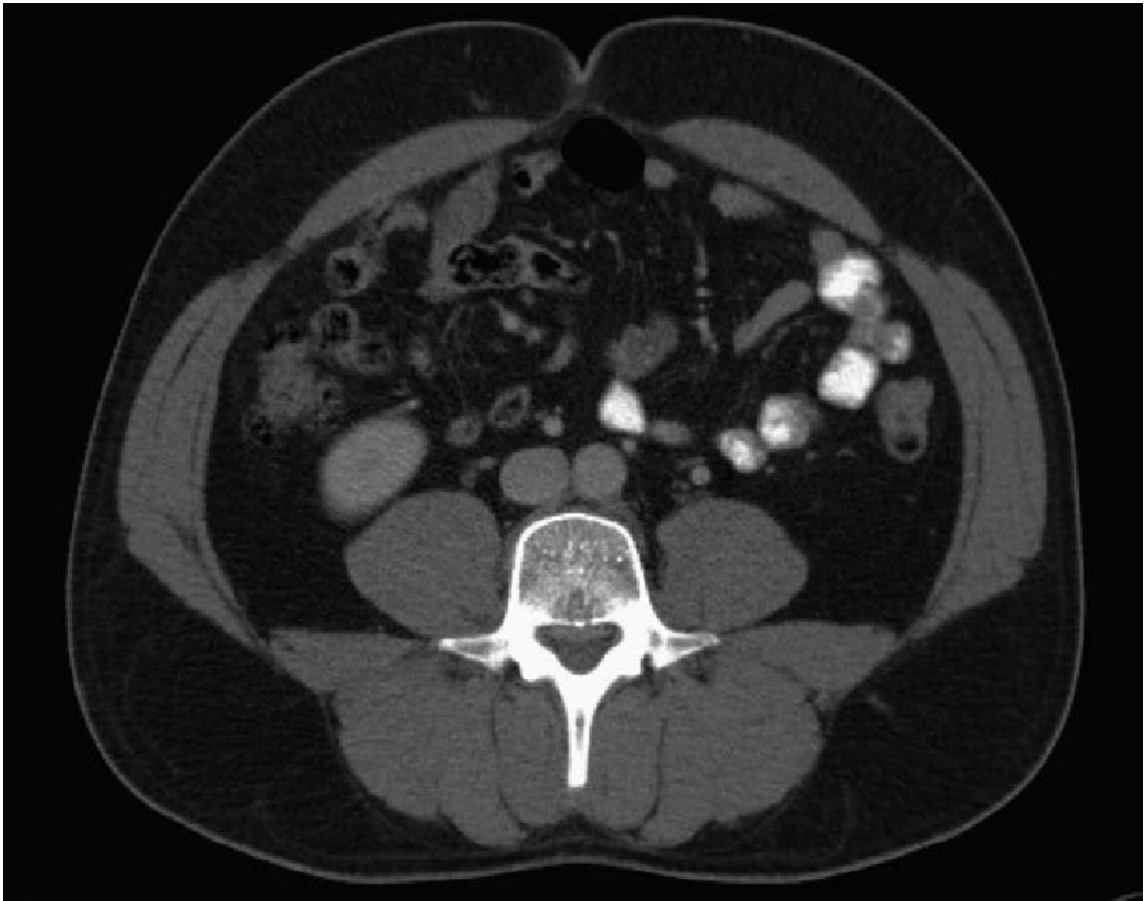
- 1 External oblique muscle
- 2 Internal oblique muscle
- 3 Transversus abdominis muscle
- 4 Liver (right lobe)
- 5 Renal fascia and anterior perirenal space
- 6 Ascending colon
- 7 Right ureter
- 8 Left testicular (artery and) vein
- 9 Small intestine

- = Lymph node (see inside back cover)
- = Borders of hepatic segments
- = Peritoneum

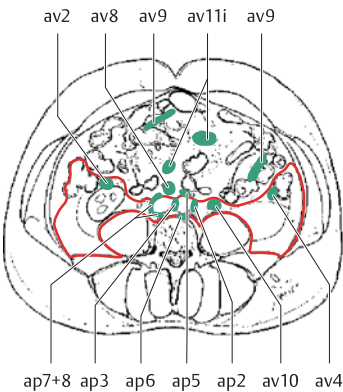
Numbers indicate the hepatic segments (see inside back cover)



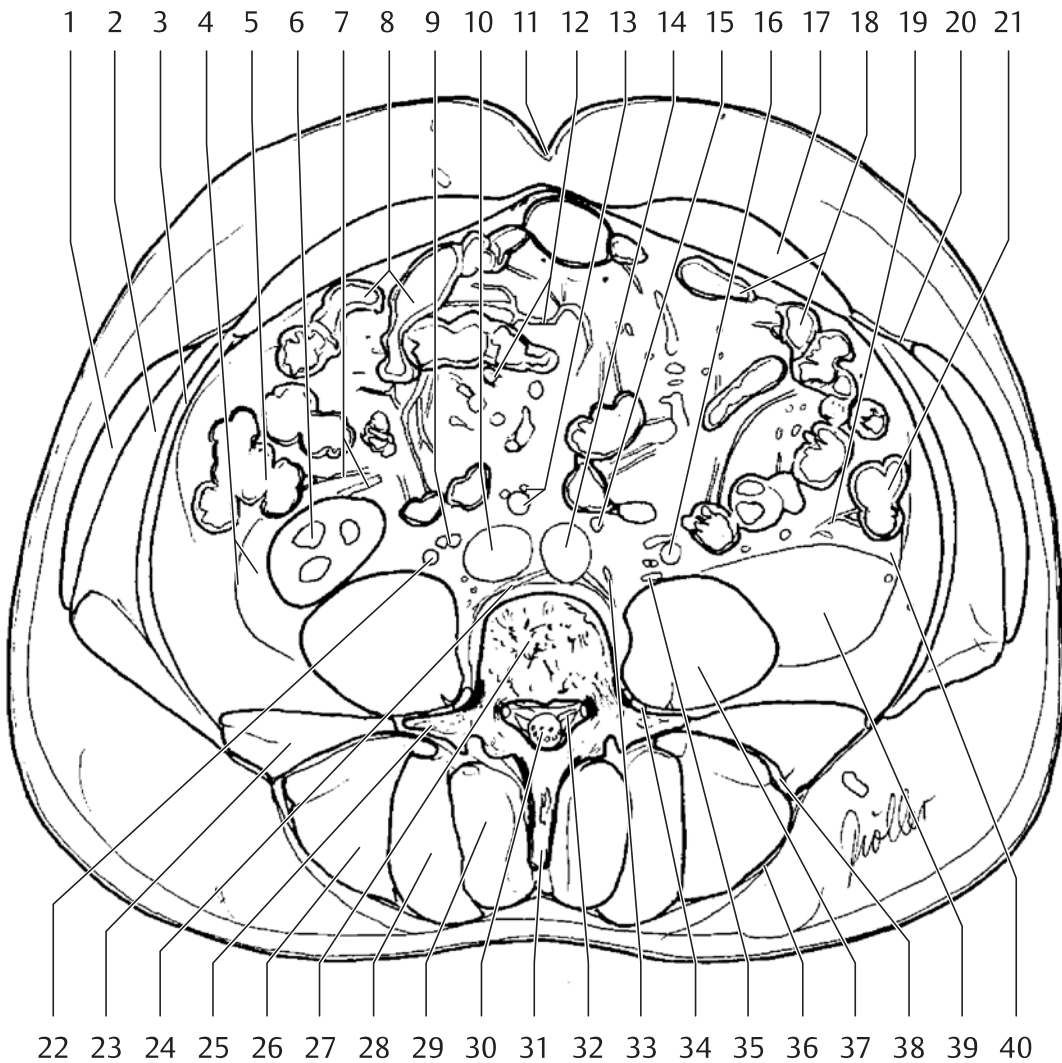
- | | |
|---|--|
| 10 Linea alba | 27 Iliocostalis lumborum muscle (part of erector spinae muscle, lateral tract) |
| 11 Ileocolic artery and vein | 28 Psoas major muscle |
| 12 Inferior vena cava | 29 Left ascending lumbar vein |
| 13 Abdominal aorta and origin of inferior mesenteric artery | 30 Spinalis muscle (part of erector spinae muscle, medial tract) |
| 14 Ileojejunal arteries and veins | 31 Spinal ganglion (L3 nerve root) |
| 15 Jejunum | 32 Spinous process |
| 16 Rectus abdominis muscle | 33 Spinal canal with cauda equina |
| 17 Left colic artery | 34 Spinal venous plexus |
| 18 Aponeurosis of external and internal oblique and transversus abdominis muscles | 35 Vertebral body (L3) |
| 19 Descending colon | 36 Longissimus lumbalis muscle (part of erector spinae muscle, lateral tract) |
| 20 Latissimus dorsi muscle | 37 Lumbar artery (dorsal branch) |
| 21 Right kidney (renal column) | 38 Right ascending lumbar vein |
| 22 Right kidney (renal papilla) | 39 Inferior mesenteric vein and left ureter |
| 23 Right kidney (renal pyramid, medulla) | 40 Renal fascia and posterior perirenal space |
| 24 Thoracolumbar fascia (deep layer) | 41 Posterior pararenal space |
| 25 Thoracolumbar fascia (superficial layer) | 42 Posterior paracolic space |
| 26 Quadratus lumborum muscle | |



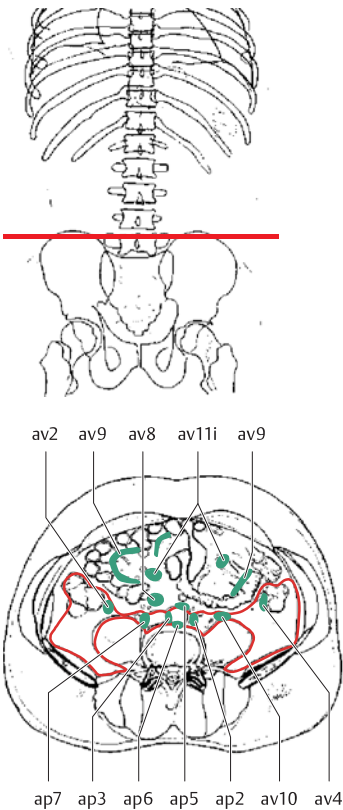
- 1 External oblique muscle
- 2 Internal oblique muscle
- 3 Transversus abdominis muscle
- 4 Renal fascia and perirenal space
- 5 Ascending colon
- 6 Right kidney (renal pyramid, medulla)
- 7 Right colic artery and vein



● = Lymph node (see inside back cover)
— = Peritoneum

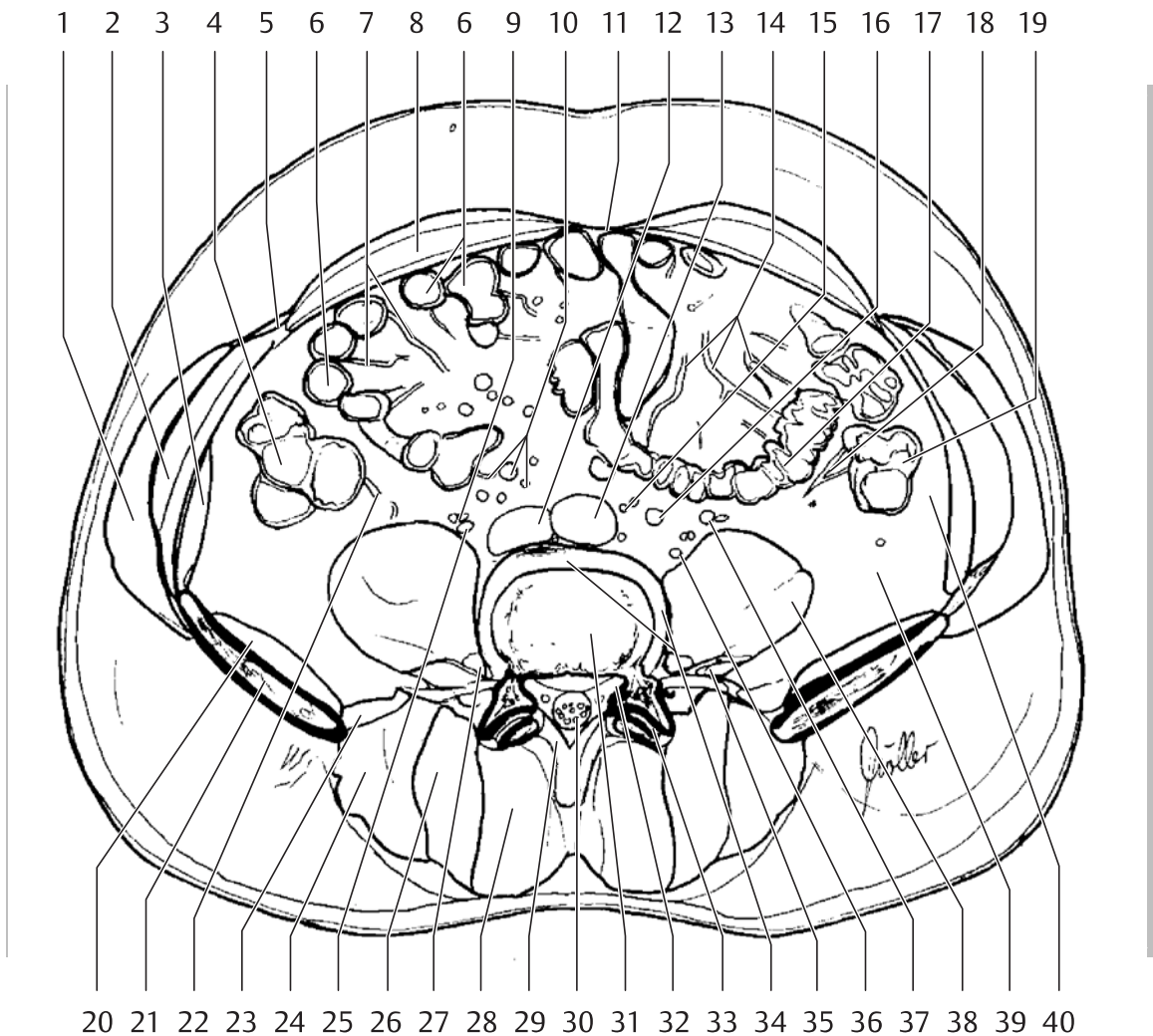


- | | |
|---|--|
| 8 Small intestine | 26 Iliocostalis lumborum muscle (part of erector spinae muscle, lateral tract) |
| 9 Right testicular artery and vein | 27 Vertebral body (L4) |
| 10 Inferior vena cava | 28 Longissimus lumbalis muscle (part of erector spinae muscle, lateral tract) |
| 11 Umbilicus | 29 Multifidus muscle (part of erector spinae muscle, medial tract) |
| 12 Ileocecal arteries and veins | 30 Dural sac with cauda equina in lumbar spinal canal |
| 13 Ileocolic artery and vein | 31 Spinous process |
| 14 Abdominal aorta | 32 Spinal ganglion (nerve root) in epidural fat |
| 15 Inferior mesenteric artery | 33 Right ascending lumbar vein |
| 16 Inferior mesenteric vein | 34 Lumbar plexus |
| 17 Rectus abdominis muscle | 35 Left ureter |
| 18 Jejunum | 36 Thoracolumbar fascia (superficial layer) |
| 19 Left colic artery | 37 Psoas major muscle |
| 20 Aponeurosis of external and internal oblique and transversus abdominis muscles | 38 Thoracolumbar fascia (deep layer) |
| 21 Descending colon | 39 Infrarenal space |
| 22 Right ureter | 40 Posterior paracolic space |
| 23 Quadratus lumborum muscle | |
| 24 Right lumbar artery | |
| 25 Transverse (costal) process | |

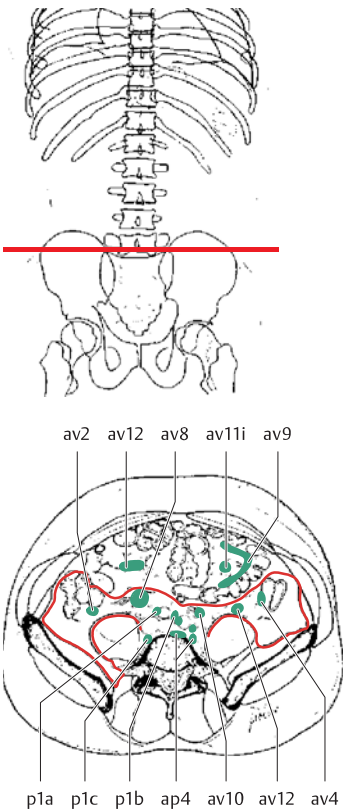


- 1 External oblique muscle
- 2 Internal oblique muscle
- 3 Transversus abdominis muscle
- 4 Ascending colon
- 5 Aponeurosis of external and internal oblique and transversus abdominis muscles

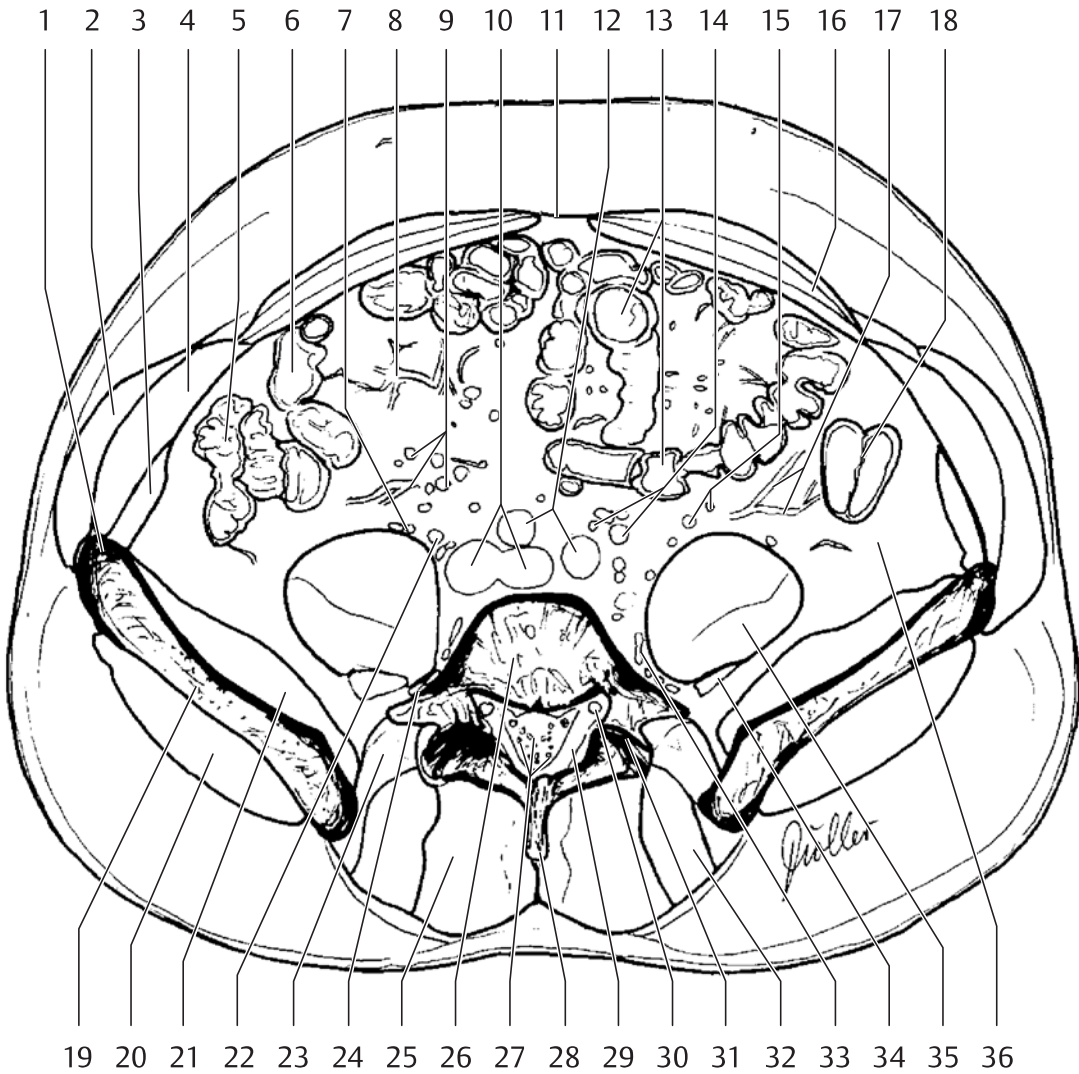
● = Lymph node (see inside back cover)
— = Peritoneum



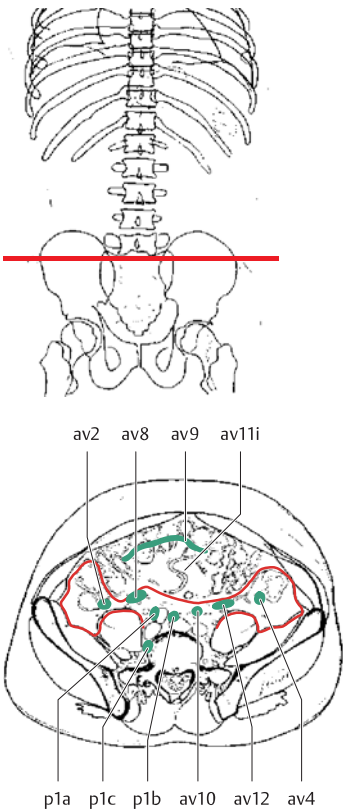
- | | |
|--|---|
| 6 Small intestine | 25 Right ureter |
| 7 Ileojejunal arteries and veins | 26 Longissimus lumbalis muscle (part of erector spinae muscle, lateral tract) |
| 8 Rectus abdominis muscle | 27 Lumbar plexus |
| 9 Right testicular artery and vein | 28 Multifidus muscle (part of erector spinae muscle, medial tract) |
| 10 Ileocolic artery and vein | 29 Ligamentum flavum |
| 11 Linea alba | 30 Dural sac with cauda equina in lumbar spinal canal |
| 12 Inferior vena cava | 31 Vertebral body of L4 (lower endplate) |
| 13 Abdominal aorta | 32 Lateral recess |
| 14 Jejunal arteries and veins | 33 Zygapophysial joint |
| 15 Superior rectal artery | 34 Intervertebral disk (L4–L5) |
| 16 Inferior mesenteric vein | 35 Femoral nerve |
| 17 Jejunum | 36 Left ureter |
| 18 Left colic artery | 37 Sigmoid artery and veins |
| 19 Descending colon | 38 Psoas major muscle |
| 20 Iliacus muscle | 39 Infrarenal space |
| 21 Wing of ilium (superior border) | 40 Posterior paracolic space |
| 22 Right colic artery | |
| 23 Quadratus lumborum muscle | |
| 24 Iliocostalis lumborum muscle (part of erector spinae muscle, lateral tract) | |



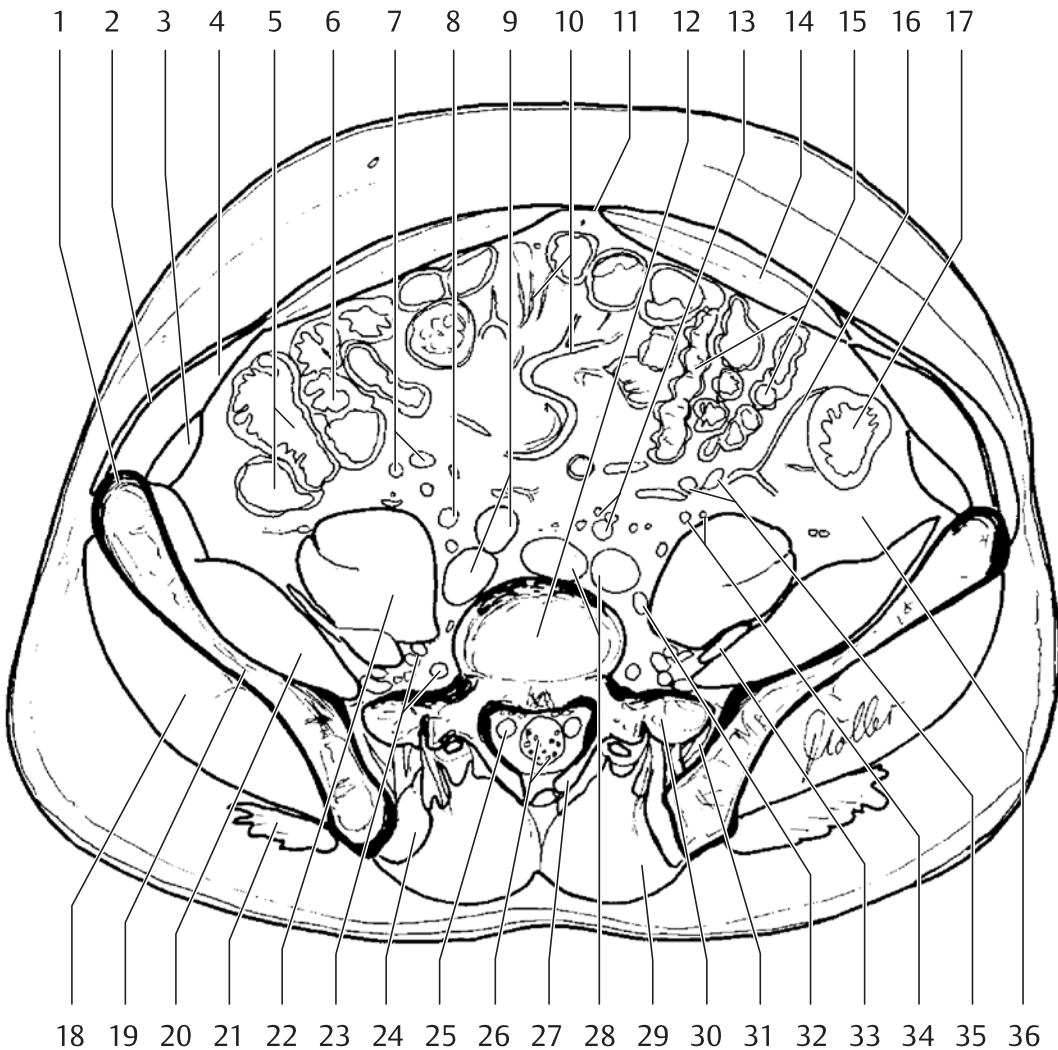
● = Lymph node (see inside back cover)
— = Peritoneum



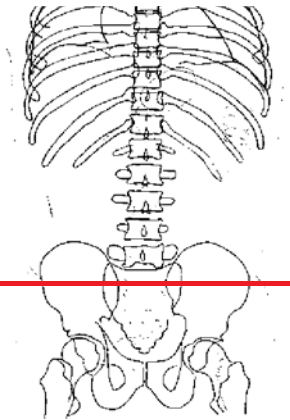
- | | |
|--|--|
| 1 Anterior superior iliac crest | 21 Iliacus muscle |
| 2 External oblique muscle | 22 Right ureter |
| 3 Transversus abdominis muscle | 23 Iliocostalis lumborum muscle (part of erector spinae muscle, lateral tract) |
| 4 Internal oblique muscle | 24 Lumbar plexus |
| 5 Ascending colon | 25 Multifidus muscle (part of erector spinae muscle, medial tract) |
| 6 Ileum | 26 Vertebral body (L5) |
| 7 Right testicular artery and vein | 27 Spinal canal with dural sac and nerve filaments |
| 8 Ileocecal arteries and veins | 28 Spinous process |
| 9 Ileocolic artery and vein (colic and ileal branches) | 29 Peridural fat |
| 10 Inferior vena cava (confluence) | 30 Spinal ganglion V in lateral recess |
| 11 Linea alba | 31 Zygapophysial joint |
| 12 Common iliac arteries | 32 Longissimus lumbalis muscle (part of erector spinae muscle, lateral tract) |
| 13 Small intestine | 33 Lumbar vein |
| 14 Superior rectal artery and vein | 34 Femoral nerve |
| 15 Sigmoid artery and vein | 35 Psoas major muscle |
| 16 Rectus abdominis muscle | 36 Posterior paracolic space |
| 17 Left colic artery | |
| 18 Descending colon | |
| 19 Wing of ilium (superior border) | |
| 20 Gluteus medius muscle | |



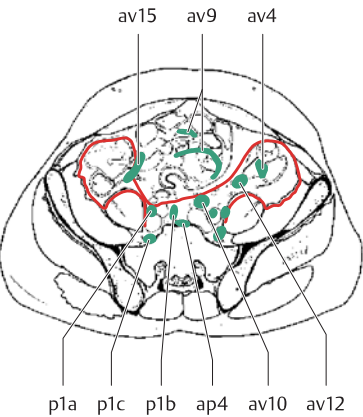
● = Lymph node (see inside back cover)
— = Peritoneum



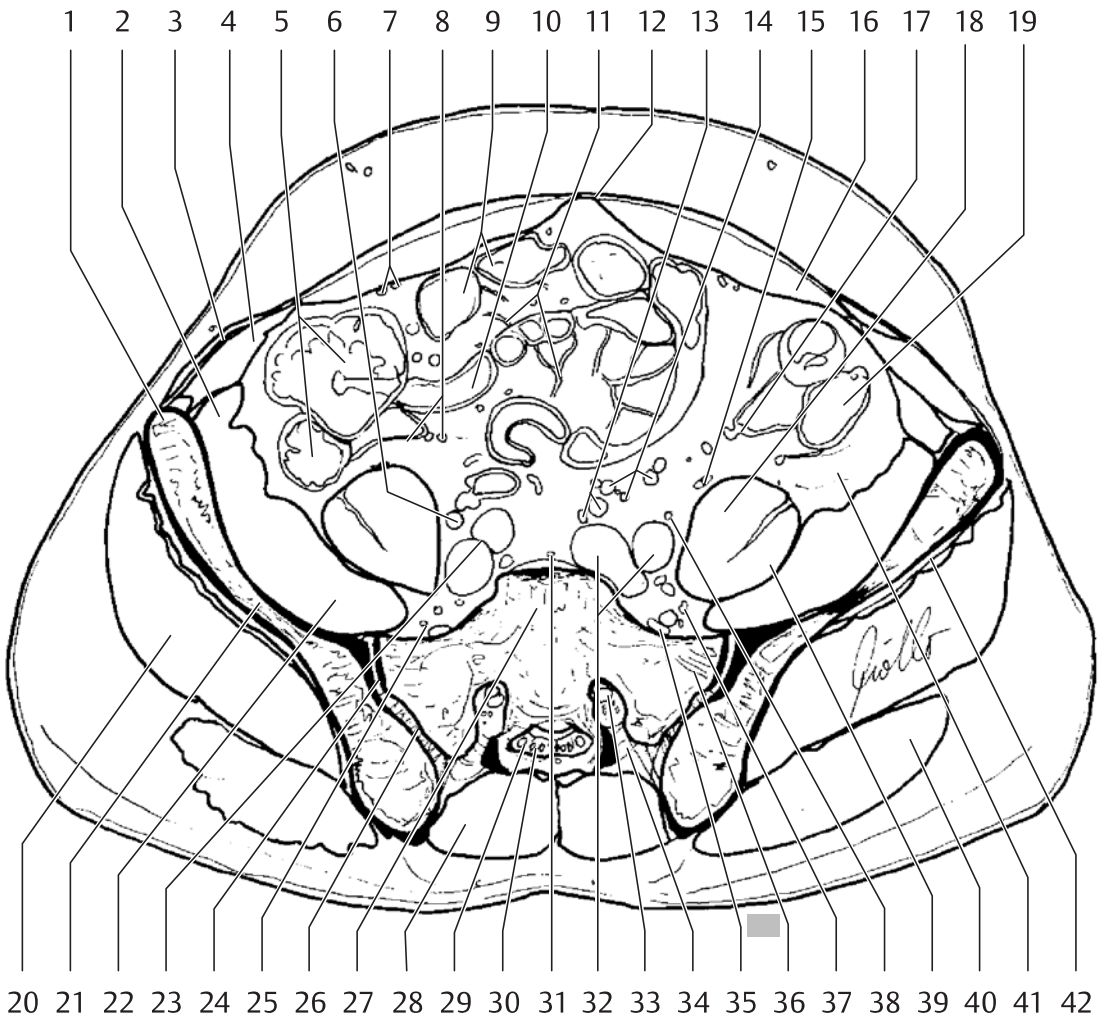
- | | |
|--|---|
| 1 Anterior superior iliac crest | 21 Gluteus maximus muscle |
| 2 External oblique muscle | 22 Psoas major muscle |
| 3 Transversus abdominis muscle | 23 Lumbar plexus |
| 4 Internal oblique muscle | 24 Longissimus lumbalis muscle (part of erector spinae muscle, lateral tract) |
| 5 Ascending colon | 25 Spinal ganglion in lateral recess |
| 6 Ileum | 26 Dural sac in spinal canal with cauda equina nerve filaments |
| 7 Ileocolic artery and vein (colic and ileal branches) | 27 Posterior arch of S 1 vertebra |
| 8 Right ureter | 28 Left common iliac artery and vein |
| 9 Right common iliac artery and vein | 29 Multifidus muscle (part of erector spinae muscle, medial tract) |
| 10 Ileocecal arteries and veins | 30 Lateral mass of sacrum (S 1) |
| 11 Linea alba | 31 Sacroiliac joint |
| 12 Intervertebral disk (L5–S 1) | 32 Iliolumbar artery with lumbar vein V |
| 13 Superior rectal artery and vein | 33 Femoral nerve |
| 14 Rectus abdominis muscle | 34 Left testicular artery and vein |
| 15 Jejunum | 35 Sigmoid artery and vein |
| 16 Left colic vein | 36 Posterior paracolic space |
| 17 Descending colon | |
| 18 Gluteus medius muscle | |
| 19 Wing of ilium (superior border) | |
| 20 Iliacus muscle | |



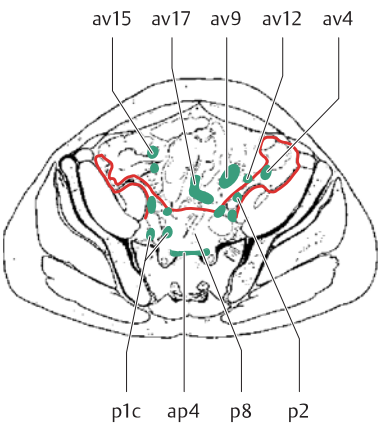
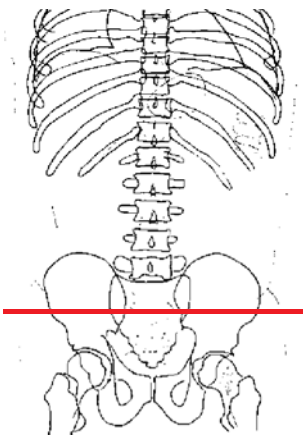
- 1 Anterior superior iliac crest
- 2 Transversus abdominis muscle
- 3 External oblique muscle
- 4 Internal oblique muscle
- 5 Caecum
- 6 Right ureter
- 7 Inferior epigastric artery and vein



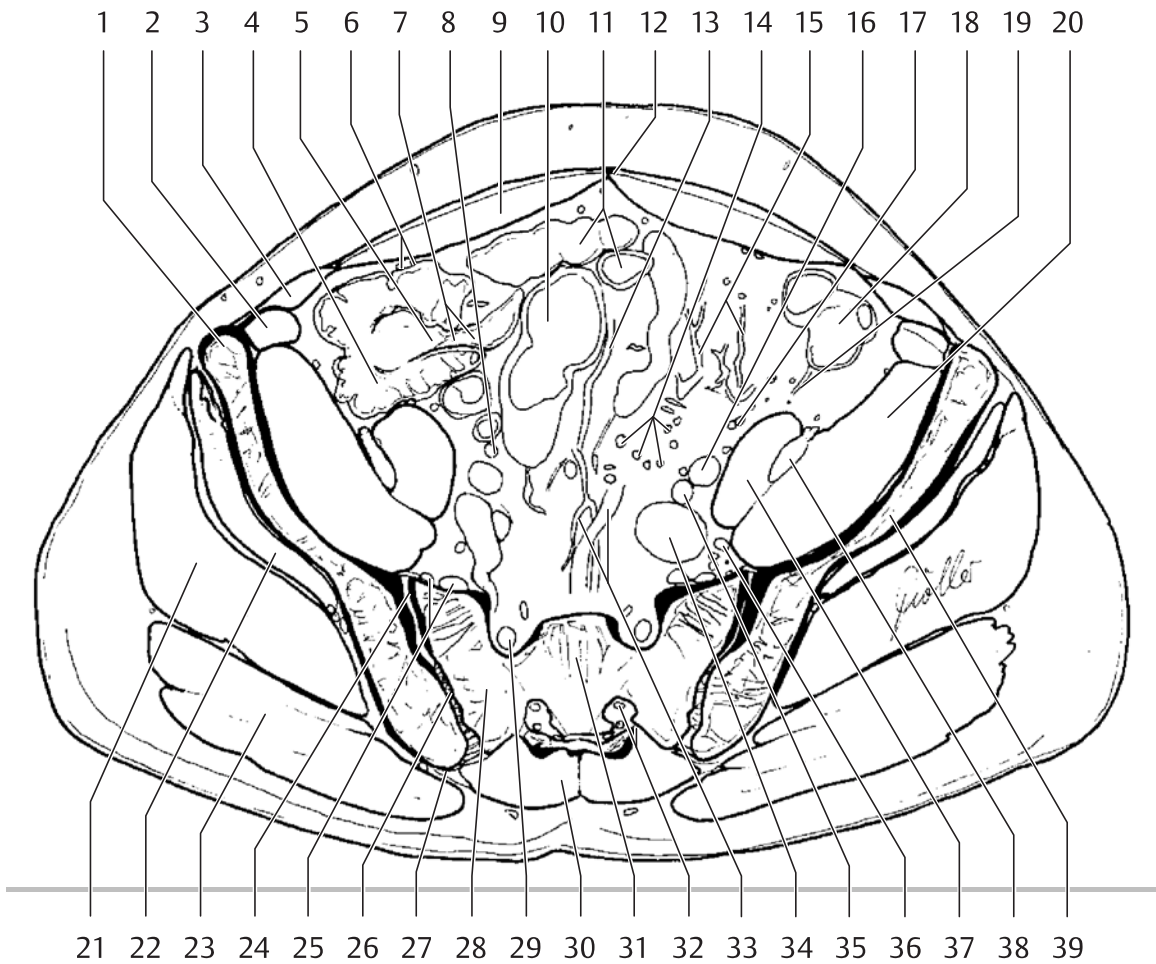
● = Lymph node (see inside back cover)
— = Peritoneum



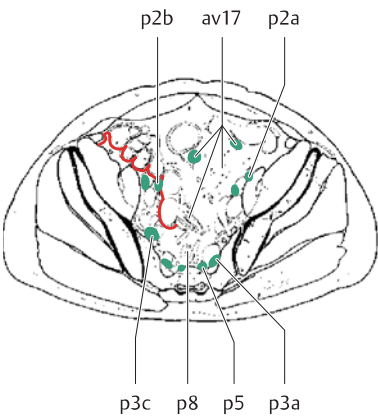
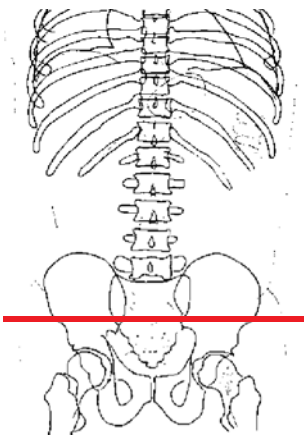
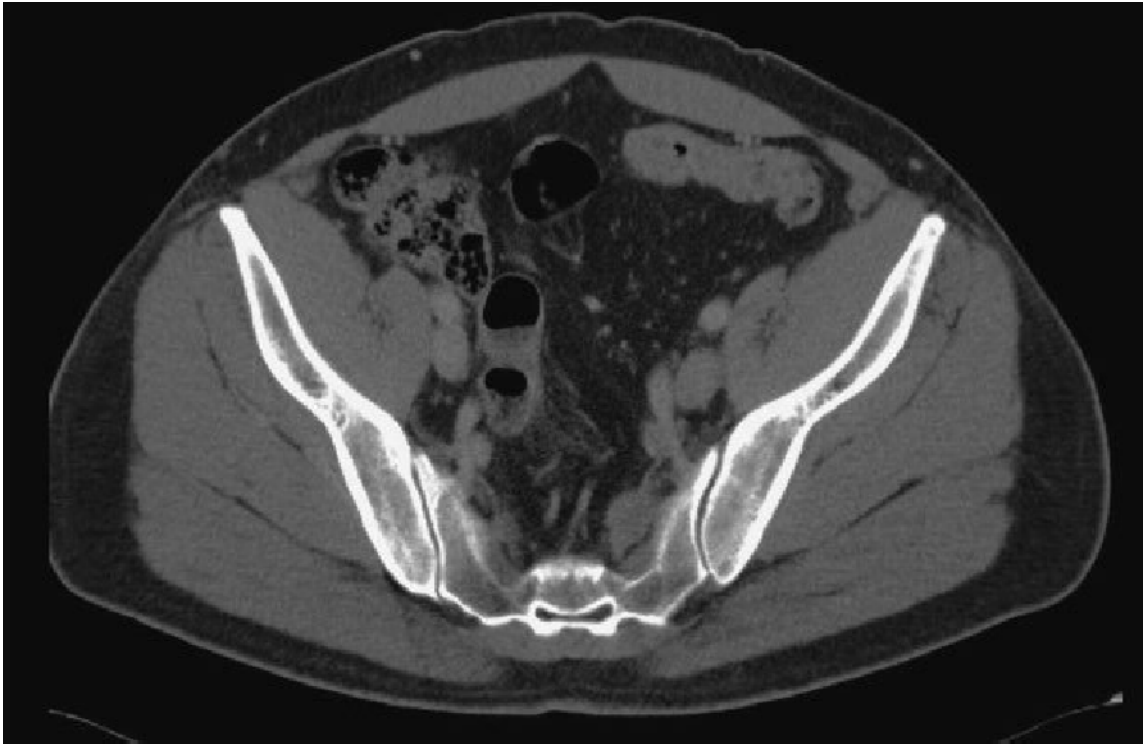
- | | |
|---|--|
| 8 Coeliac artery and vein (posterior) | 27 Sacrum (base) |
| 9 Ileum | 28 Multifidus muscle (part of erector spinae muscle, medial tract) |
| 10 Terminal ileum | 29 Sacral nerve (root) II in sacral canal |
| 11 Ileocecal junction | 30 Sacral nerve (root) III in sacral canal |
| 12 Linea alba | 31 Median sacral artery |
| 13 Superior rectal artery and vein | 32 Common iliac vein (confluence) and left common iliac artery |
| 14 Sigmoid artery and vein | 33 Sacral nerve I in sacral foramen |
| 15 Left testicular artery and vein | 34 Posterior sacral foramen |
| 16 Rectus abdominis muscle | 35 Lumbar nerve V |
| 17 Left colic vein | 36 Sacrum (lateral mass) |
| 18 Psoas major muscle | 37 Obturator nerve |
| 19 Descending colon | 38 Left ureter |
| 20 Gluteus medius muscle | 39 Femoral nerve |
| 21 Wing of ilium (superior border) | 40 Gluteus maximus muscle |
| 22 Iliacus muscle | 41 Posterior paracolic space |
| 23 Left common iliac artery and vein | 42 Gluteus minimus muscle |
| 24 Sacroiliac joint (articular surface) | |
| 25 Lumbar nerve IV | |
| 26 Sacroiliac joint (syndesmosis) | |



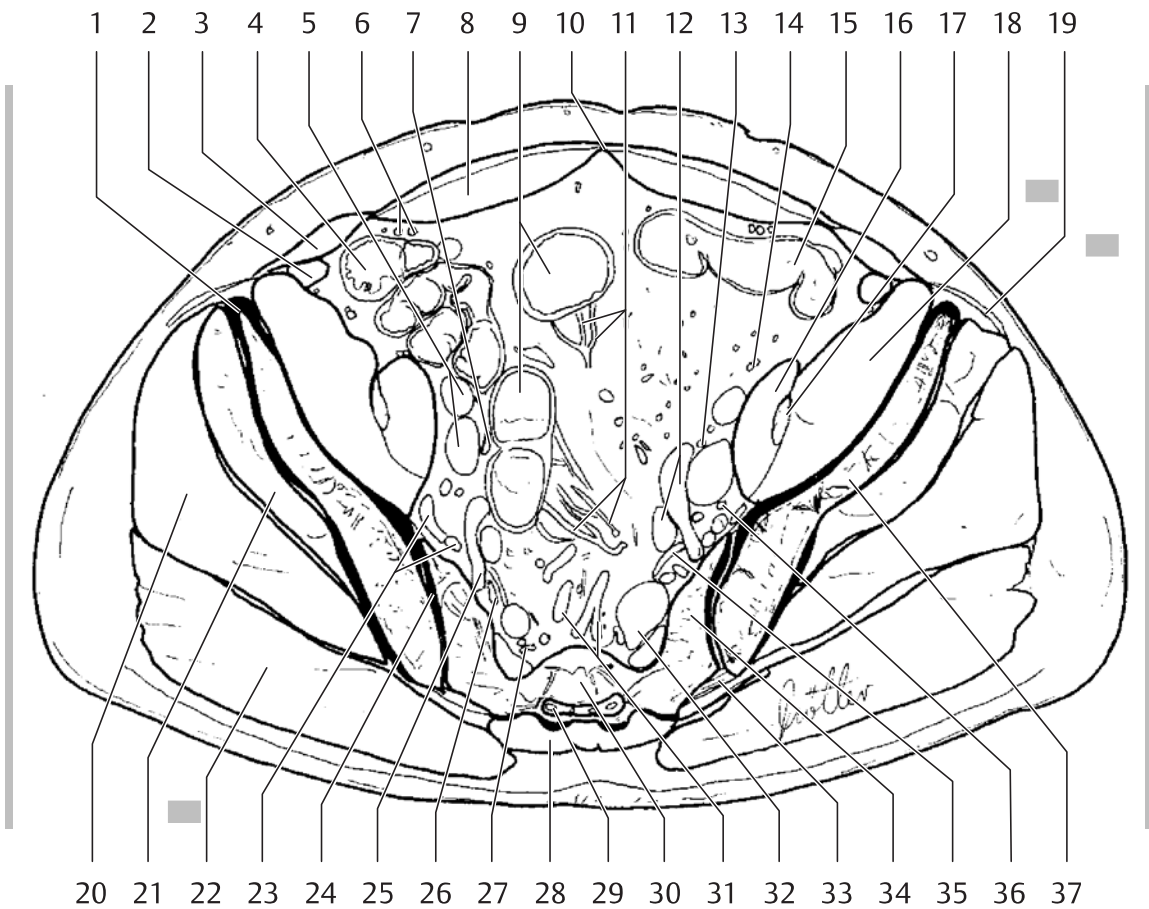
● = Lymph node (see inside back cover)
— = Peritoneum



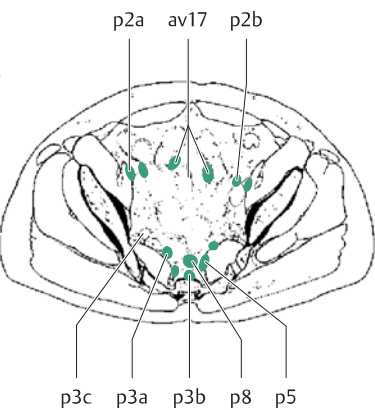
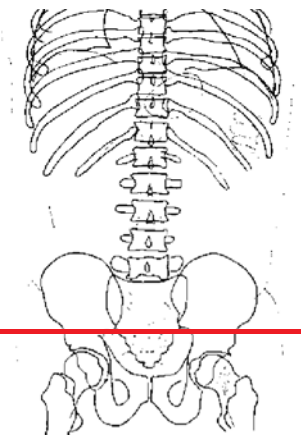
- | | |
|---------------------------------------|---|
| 1 Anterior superior iliac crest | 21 Gluteus medius muscle |
| 2 Transversus abdominis | 22 Gluteus minimus muscle |
| 3 External oblique muscle | 23 Gluteus maximus muscle |
| 4 Caecum | 24 Sacroiliac joint (articular portion) |
| 5 Ileal orifice | 25 Sacral plexus |
| 6 Inferior epigastric artery and vein | 26 Sacroiliac joint (syndesmosis) |
| 7 Terminal ileum | 27 Posterior iliac crest |
| 8 Right ureter | 28 Sacrum (lateral mass) |
| 9 Rectus abdominis muscle | 29 Sacral nerve I in anterior sacral foramen |
| 10 Sigmoid colon | 30 Multifidus muscle (medial part of erector spinae muscle, medial tract) |
| 11 Ileum | 31 Sacrum (base) |
| 12 Linea alba | 32 Sacral nerve (root) II in sacral canal |
| 13 Ileocolic vein | 33 Superior rectal artery and vein |
| 14 Sigmoid artery and vein | 34 Common iliac vein (confluence) |
| 15 Ileojejunal arteries and veins | 35 Left internal iliac artery |
| 16 External iliac artery | 36 Obturator nerve |
| 17 Left testicular artery and vein | 37 Psoas major muscle |
| 18 Descending colon | 38 Femoral nerve |
| 19 Left colic vein | 39 Wing of ilium |
| 20 Iliacus muscle | |



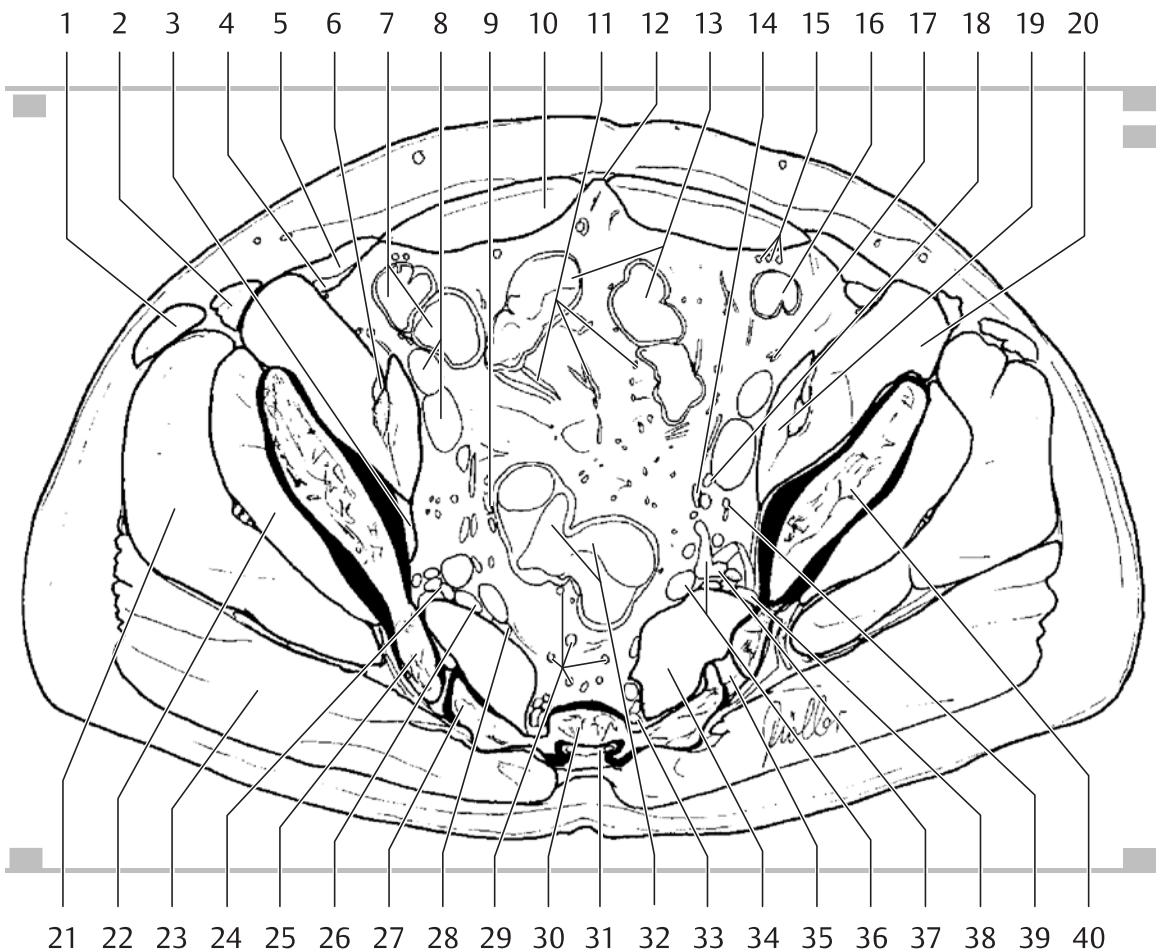
● = Lymph node (see inside back cover)
— = Peritoneum



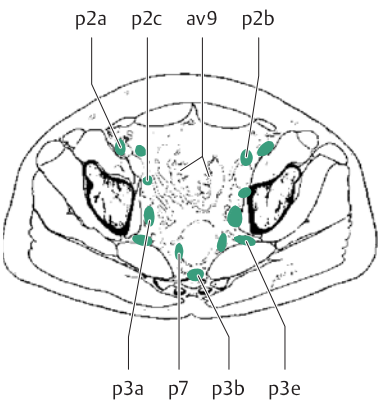
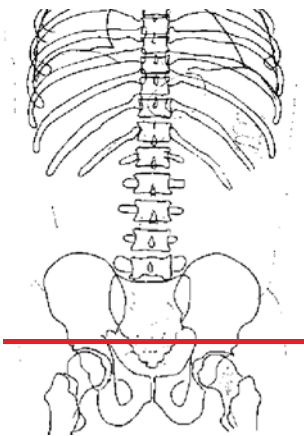
- | | |
|--|---|
| 1 Anterior superior iliac crest | 20 Gluteus medius muscle |
| 2 Transversus abdominis muscle | 21 Gluteus minimus muscle |
| 3 External oblique muscle | 22 Gluteus maximus muscle |
| 4 Caecum | 23 Sacral plexus |
| 5 External iliac artery and vein | 24 Sacroiliac joint |
| 6 Inferior epigastric artery and vein | 25 Internal iliac artery and vein, posterior main branch |
| 7 Right ureter | 26 Sacral nerve I |
| 8 Rectus abdominis muscle | 27 Sacral nerve II |
| 9 Sigmoid colon | 28 Multifidus muscle (medial part of erector spinae muscle, medial tract) |
| 10 Linea alba | 29 Sacral nerve III in sacral canal |
| 11 Sigmoid artery and vein | 30 Sacrum (base) |
| 12 Internal iliac artery and vein (anterior main branch) | 31 Superior rectal artery and vein |
| 13 Left ureter | 32 Piriformis muscle |
| 14 Left testicular artery and vein | 33 Dorsal sacroiliac ligaments |
| 15 Descending colon | 34 Sacrum (lateral mass) |
| 16 Psoas major muscle | 35 Lateral sacral artery |
| 17 Femoral nerve | 36 Obturator nerve |
| 18 Iliacus muscle | 37 Wing of ilium |
| 19 Tensor fasciae latae muscle | |



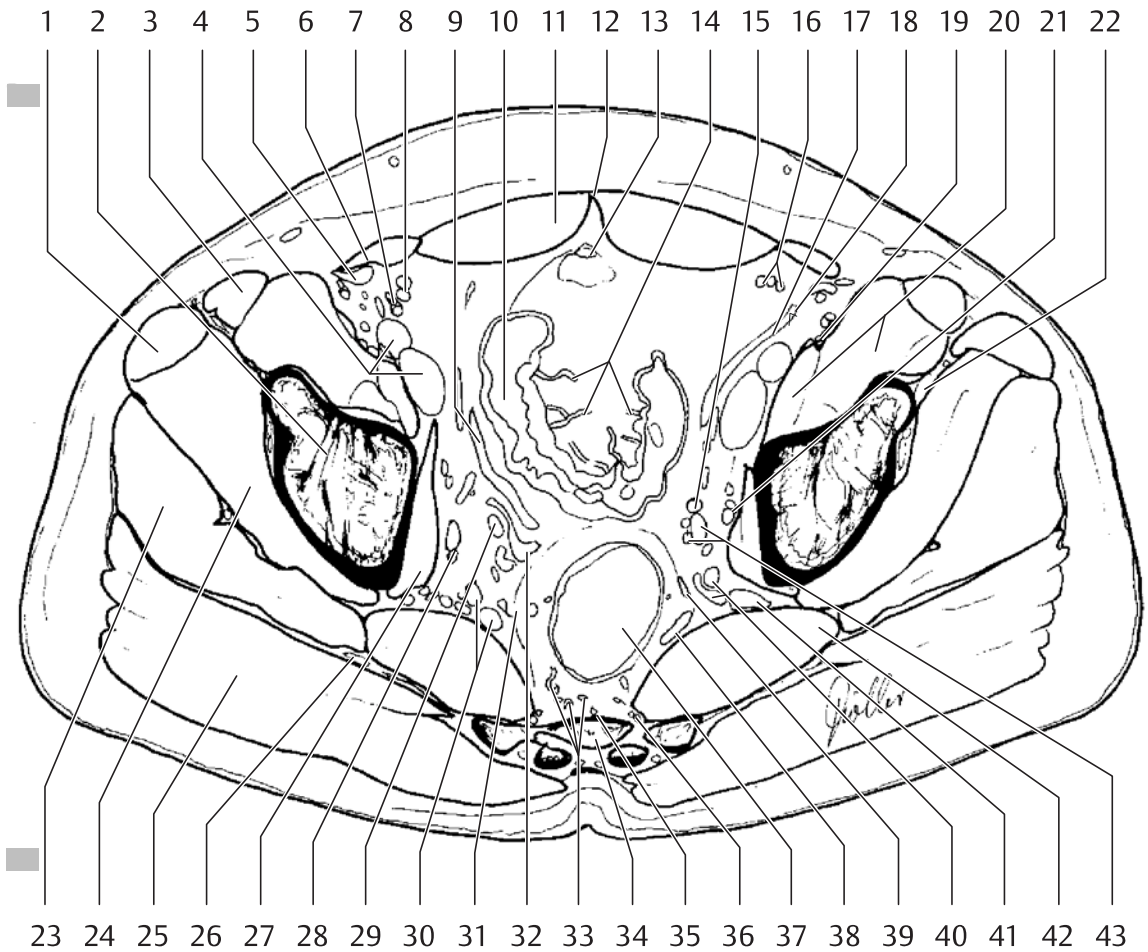
● = Lymph node (see inside back cover)
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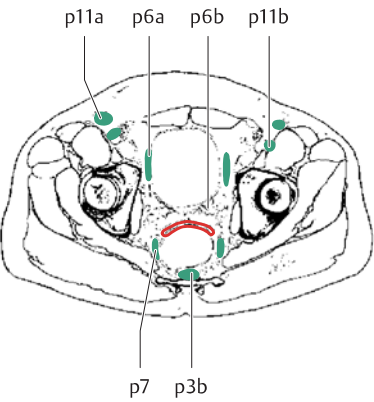
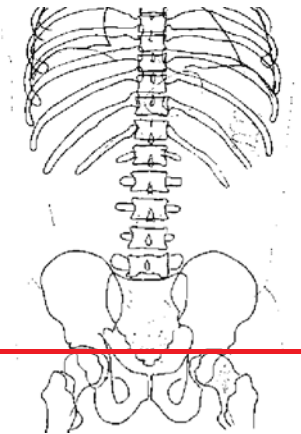
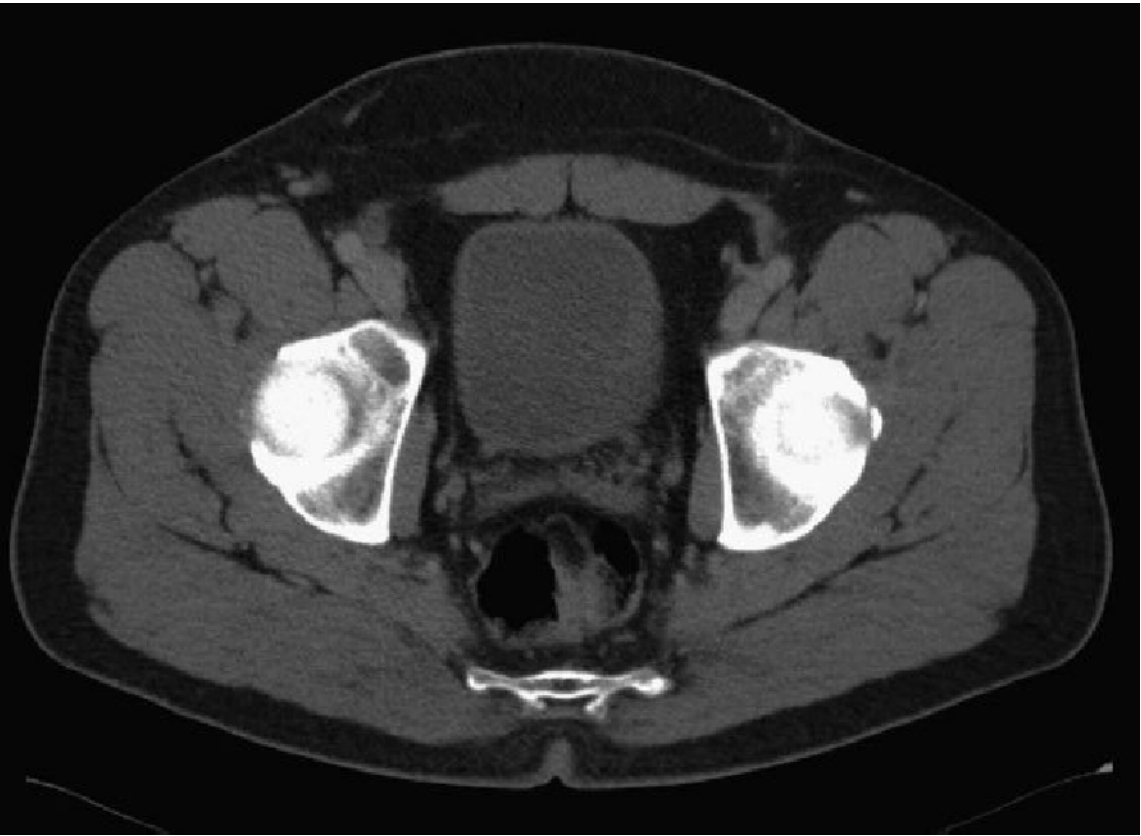
- | | |
|--|--|
| 1 Tensor fasciae latae muscle | 22 Gluteus minimus muscle |
| 2 Sartorius muscle | 23 Gluteus maximus muscle |
| 3 Obturator internus muscle | 24 Sacral plexus (L4 and L5 nerves) |
| 4 Transversus abdominis muscle | 25 Posterior inferior iliac spine |
| 5 External oblique muscle | 26 Sacral plexus (S1 nerve) |
| 6 Femoral nerve | 27 Sacrum (lateral mass) |
| 7 Caecum | 28 Sacral plexus (S2 nerve) |
| 8 External iliac artery and vein | 29 Superior rectal artery and vein |
| 9 Right ureter | 30 Sacrum (base) |
| 10 Rectus abdominis muscle | 31 Sacral canal with sacral nerves IV |
| 11 Sigmoid artery and vein | 32 Rectum |
| 12 Linea alba | 33 Sacral nerve III |
| 13 Sigmoid colon | 34 Piriformis muscle |
| 14 Left ureter | 35 Obturator foramen (superior border) |
| 15 Inferior epigastric artery and vein | 36 Internal iliac artery and vein, posterior main branch |
| 16 Descending colon | 37 Obturator artery (origin) |
| 17 Left testicular artery and vein | 38 Superior gluteal artery, vein, and nerve |
| 18 Superior vesical artery and vein | 39 Obturator nerve |
| 19 Psoas major muscle | 40 Wing of ilium |
| 20 Iliacus muscle | |
| 21 Gluteus medius muscle | |



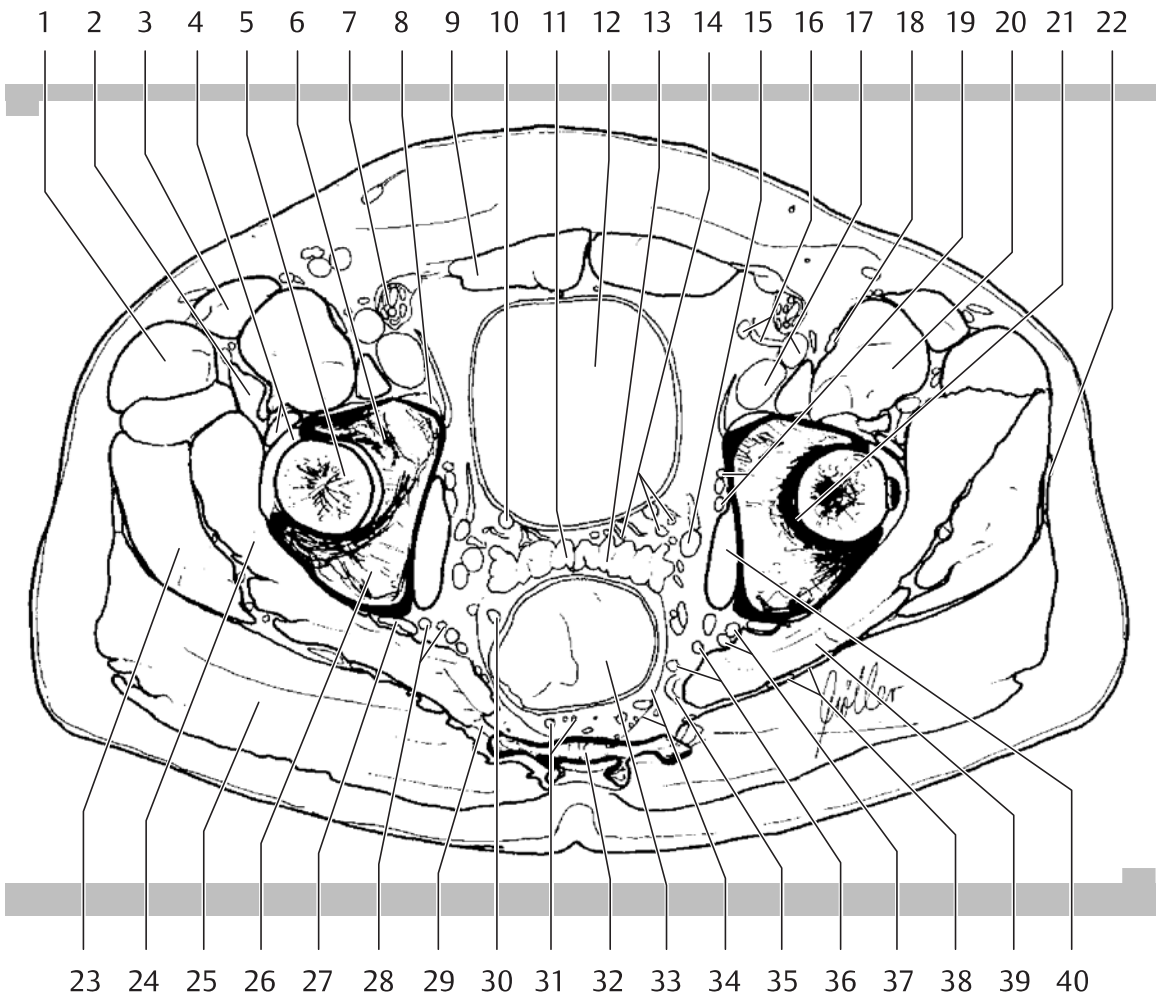
● = Lymph node (see inside back cover)
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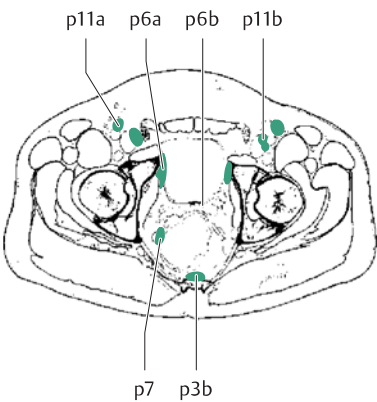
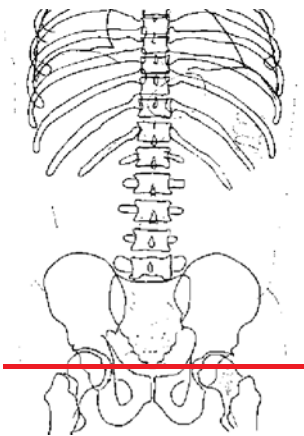
- | | |
|---|---|
| 1 Tensor fasciae latae muscle | 22 Rectus femoris muscle (tendon insertion) |
| 2 Acetabular roof | 23 Gluteus medius muscle |
| 3 Sartorius muscle | 24 Gluteus minimus muscle |
| 4 External iliac artery and vein | 25 Gluteus maximus muscle |
| 5 Inguinal ligament | 26 Superior gluteal artery, vein, and nerve |
| 6 External oblique muscle with aponeurosis | 27 Obturator internus muscle |
| 7 Ductus deferens with right testicular artery and vein | 28 Obturator artery |
| 8 Right inferior epigastric artery and vein | 29 Left ureter |
| 9 Right ductus deferens | 30 Internal iliac artery and vein (posterior main branch) |
| 10 Sigmoid colon | 31 Mesorectal fascia |
| 11 Rectus abdominis muscle | 32 Seminal vesicle |
| 12 Linea alba | 33 Superior rectal artery and vein |
| 13 Bladder roof with median umbilical ligament | 34 Sacrum (base) |
| 14 Sigmoid artery and vein | 35 Median sacral artery |
| 15 Left ureter | 36 Sacral nerve IV in anterior foramen |
| 16 Left inferior epigastric artery and vein | 37 Rectum |
| 17 Left ductus deferens | 38 Internal pudendal artery |
| 18 Left testicular artery and vein | 39 Middle rectal artery |
| 19 Femoral nerve | 40 Left inferior gluteal artery and vein |
| 20 Iliopsoas muscle | 41 Sciatic nerve |
| 21 Obturator artery, vein, and nerve | 42 Piriformis muscle |
| | 43 Left inferior vesical artery and vein |



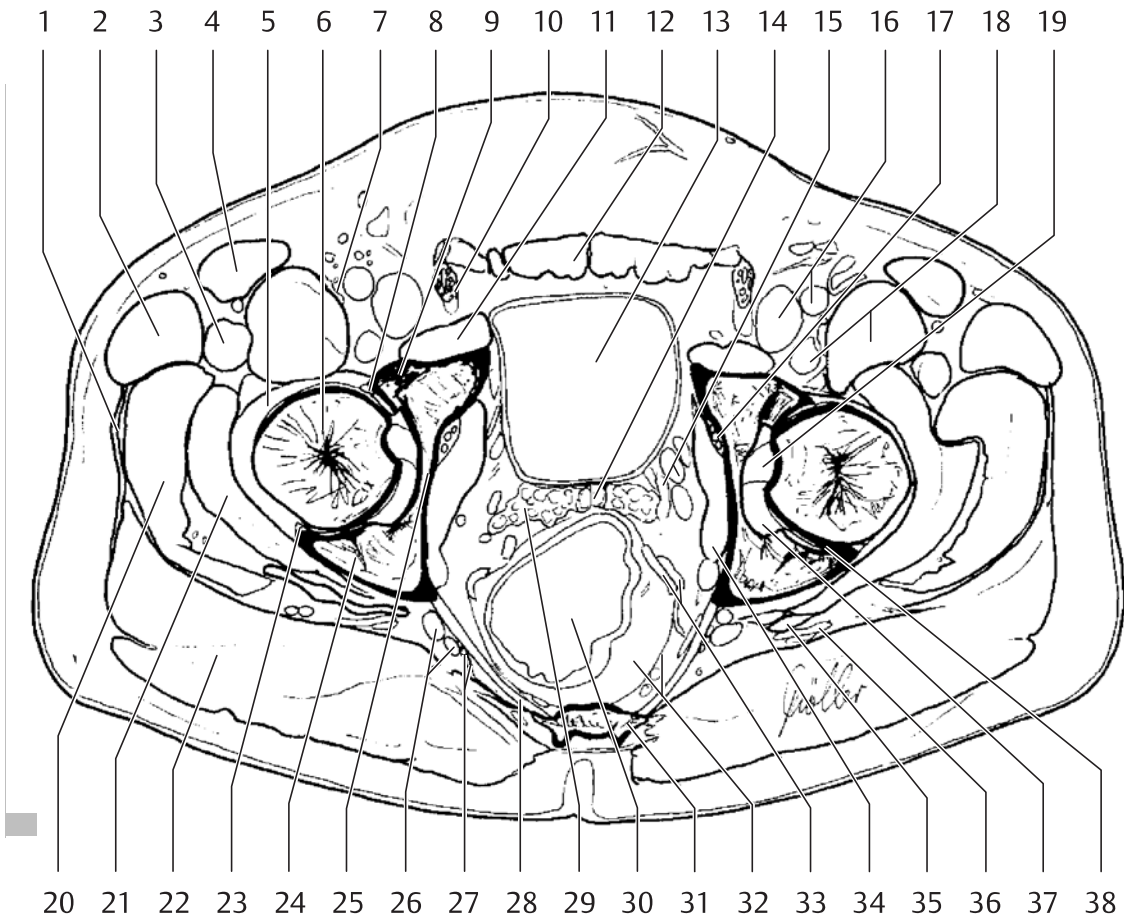
● = Lymph node (see inside back cover)
— = Peritoneum



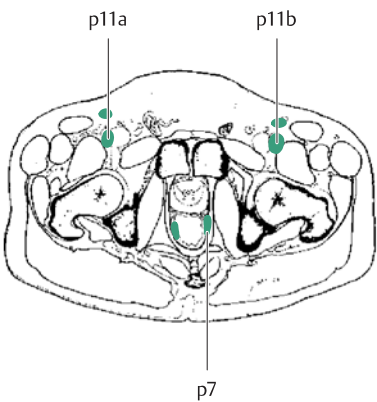
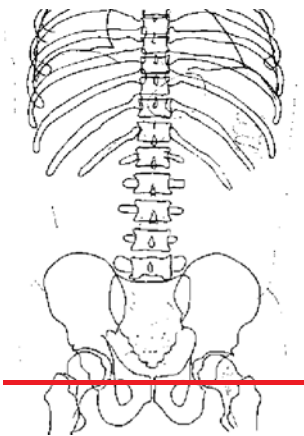
- | | |
|---|---|
| 1 Tensor fasciae latae muscle | 21 Hip joint |
| 2 Rectus femoris muscle (and tendon) | 22 Iliotibial tract |
| 3 Sartorius muscle | 23 Gluteus medius muscle |
| 4 Iliofemoral ligament | 24 Gluteus minimus muscle |
| 5 Femur (head) | 25 Gluteus maximus muscle |
| 6 Ilium (acetabulum) | 26 Ilium (posterior articular pillar) |
| 7 Spermatic cord with inguinal ligament in deep inguinal ring | 27 Sciatic nerve |
| 8 Pectineus muscle | 28 Right inferior gluteal artery and vein |
| 9 Rectus abdominis muscle | 29 Supraspinous and sacrotuberous ligaments |
| 10 Right ureter (orifice) | 30 Middle rectal artery |
| 11 Ductus deferens (ampulla) | 31 Superior rectal artery and vein (branches) |
| 12 Urinary bladder | 32 Sacrum (base) |
| 13 Seminal vesicle | 33 Rectum |
| 14 Vesical venous plexus | 34 Mesorectal fascia and mesorectal fat |
| 15 Left inferior vesical artery and vein | 35 Pudendal nerve |
| 16 Left inferior epigastric artery (origin) and vein | 36 Internal pudendal artery and vein |
| 17 Femoral artery and vein | 37 Left inferior gluteal artery and vein |
| 18 Femoral nerve | 38 Left superior gluteal artery and vein |
| 19 Obturator artery, vein, and nerve | 39 Piriformis muscle |
| 20 Iliopsoas muscle | 40 Obturator internus muscle |



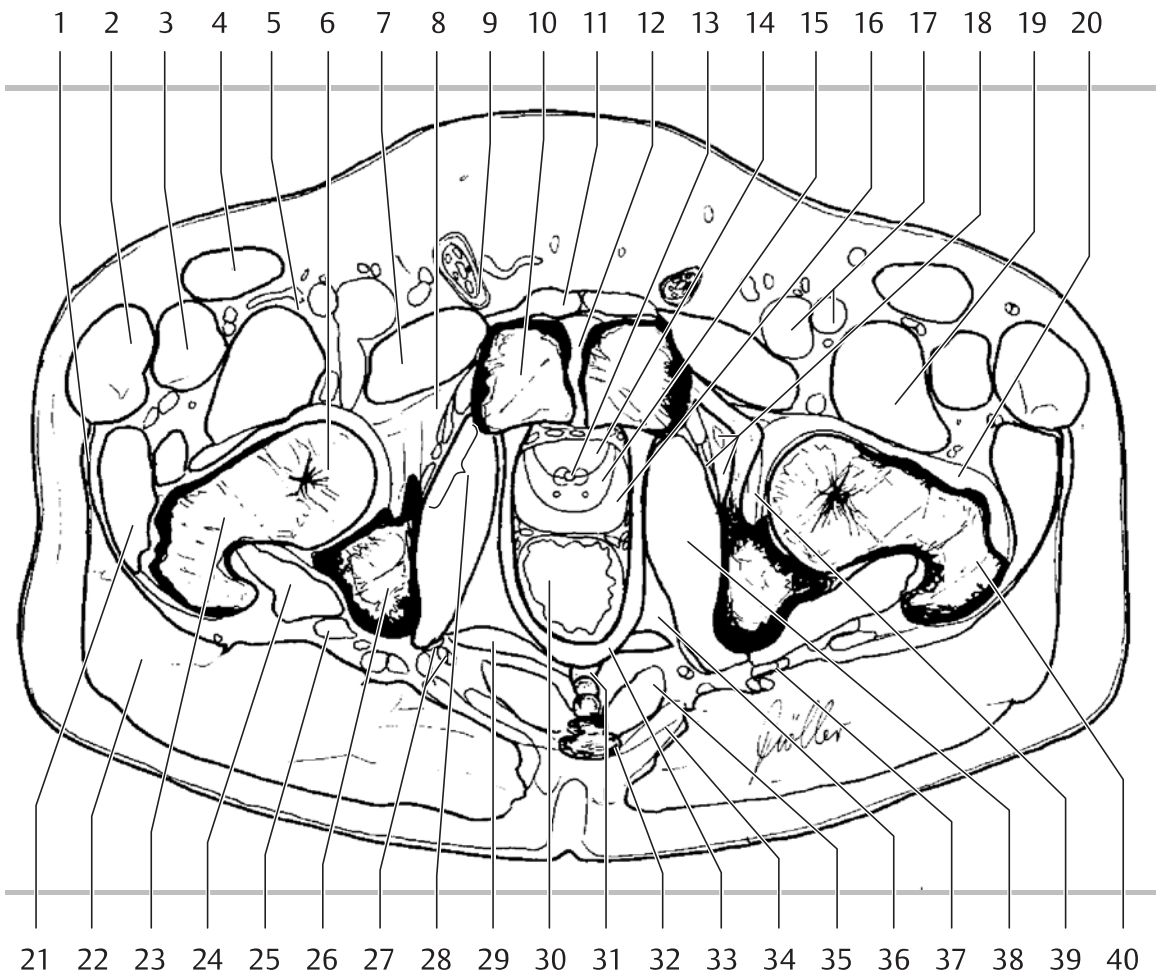
● = Lymph node (see inside back cover)



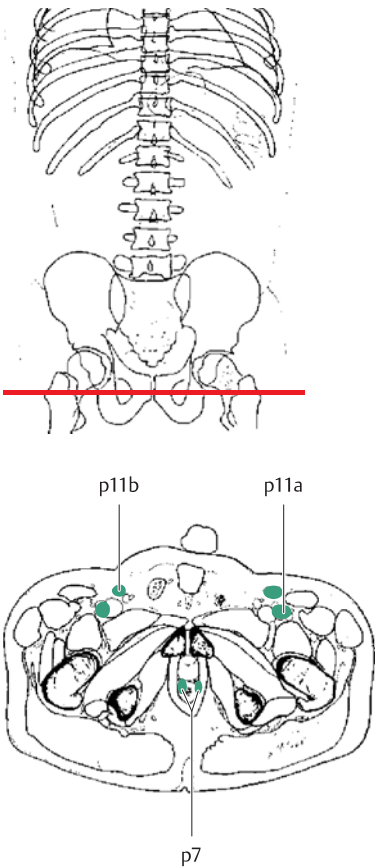
- | | |
|--------------------------------------|---|
| 1 Iliotibial tract | 21 Gluteus minimus muscle |
| 2 Tensor fasciae latae muscle | 22 Gluteus maximus muscle |
| 3 Rectus femoris muscle (and tendon) | 23 Posterior glenoid labrum |
| 4 Sartorius muscle | 24 Ilium (posterior articular pillar) |
| 5 Iliofemoral ligament | 25 Ilium (acetabulum) |
| 6 Femur (head) | 26 Right inferior gluteal artery and vein |
| 7 Femoral nerve | 27 Internal pudendal artery and vein and pudendal nerve |
| 8 Anterior glenoid labrum | 28 Sacrotuberous ligament |
| 9 Ilium (anterior articular pillar) | 29 Seminal vesicle |
| 10 Spermatic cord | 30 Rectum |
| 11 Pectineus muscle | 31 Sacrum (base) |
| 12 Rectus abdominis muscle | 32 Mesorectal fascia and mesorectal fat |
| 13 Urinary bladder | 33 Middle rectal artery and vein |
| 14 Ductus deferens (ampulla) | 34 Obturator internus muscle |
| 15 Vesical venous plexus | 35 Piriformis muscle |
| 16 Femoral artery and vein | 36 Sciatic nerve |
| 17 Obturator artery, vein, and nerve | 37 Acetabular fossa |
| 18 Iliopsoas muscle | 38 Hip joint |
| 19 Ligament of head of femur | |
| 20 Gluteus medius muscle | |



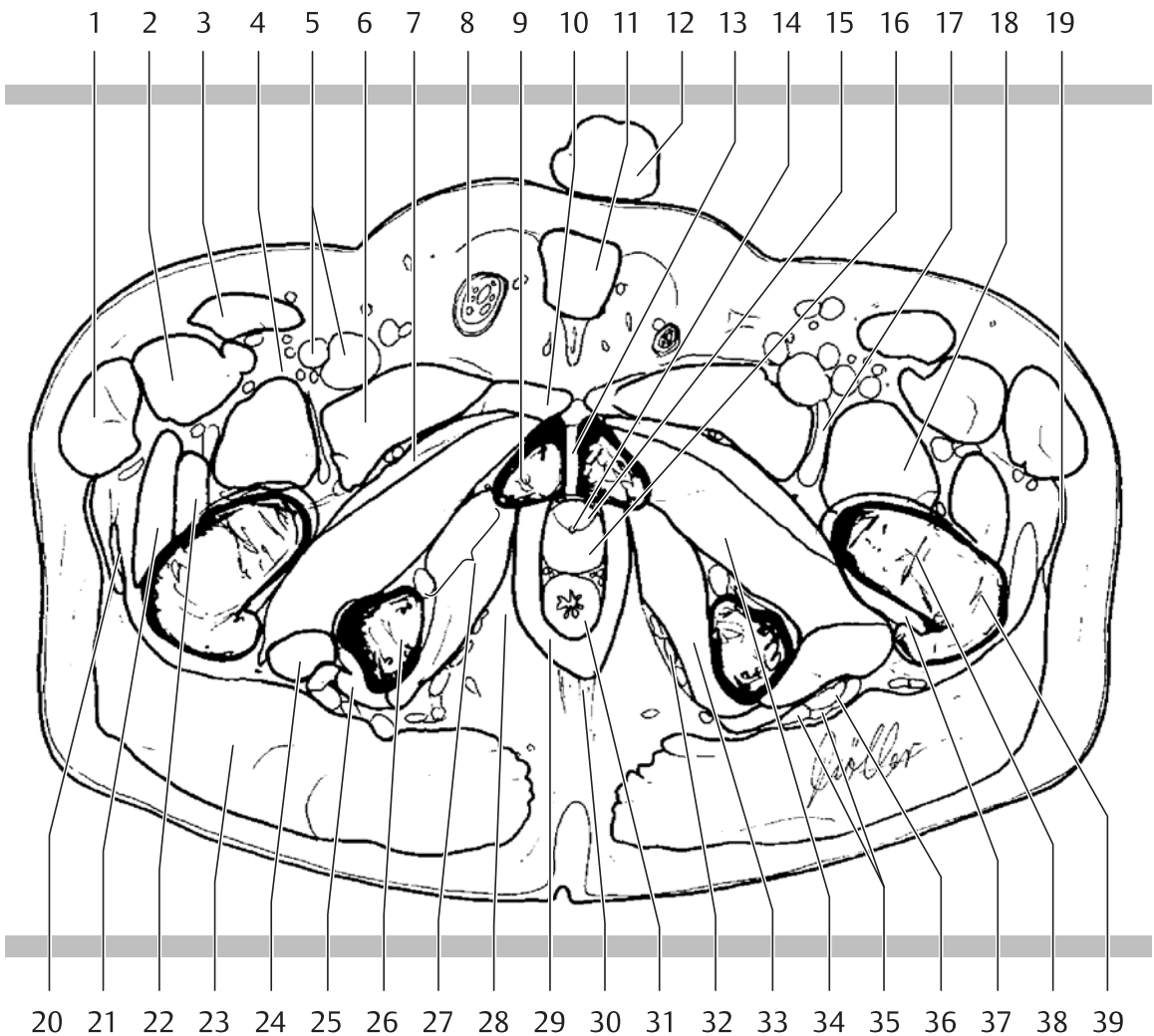
● = Lymph node (see inside back cover)



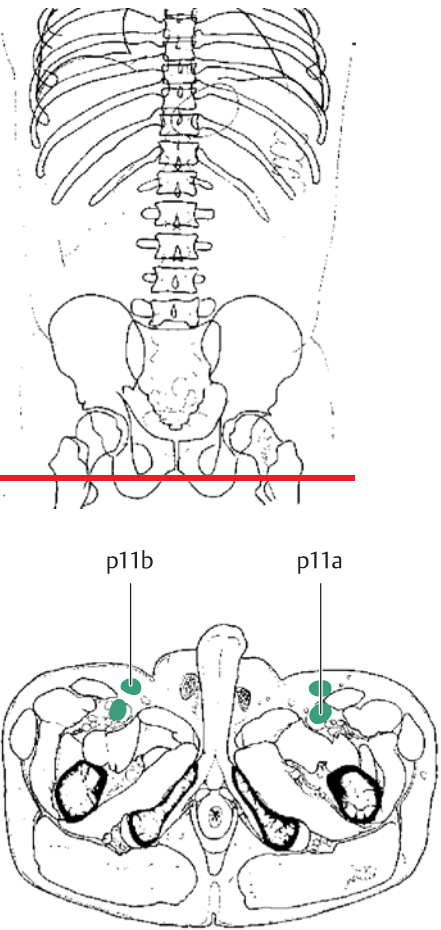
- | | |
|---|---|
| 1 Iliotibial tract | 22 Gluteus maximus muscle |
| 2 Tensor fasciae latae muscle | 23 Femur (neck) |
| 3 Rectus femoris muscle | 24 Quadratus femoris muscle |
| 4 Sartorius muscle | 25 Sciatic nerve |
| 5 Femoral nerve | 26 Ischium |
| 6 Femur (head) | 27 Internal pudendal artery and vein and pudendal nerve |
| 7 Pectineus muscle | 28 Obturator foramen |
| 8 Obturator externus muscle | 29 Levator ani muscle (iliococcygeus muscle) |
| 9 Spermatic cord | 30 Rectum |
| 10 Pubis | 31 Anococcygeal ligament |
| 11 Rectus abdominis muscle | 32 Coccyx |
| 12 Pubic symphysis | 33 Levator ani muscle (pubococcygeus muscle, puborectalis muscle) |
| 13 Urethra (prostatic part) | 34 Sacrotuberous ligament |
| 14 Prostate (anterior fibromuscular stroma) | 35 Coccygeus muscle |
| 15 Prostate (central zone) | 36 Ischiorectal fossa |
| 16 Prostate (peripheral zone) | 37 Inferior gluteal artery and vein |
| 17 Femoral artery and vein | 38 Obturator internus muscle |
| 18 Obturator artery, vein, and nerve | 39 Acetabular fossa |
| 19 Iliopsoas muscle | 40 Femur (greater trochanter) |
| 20 Iliofemoral ligament | |
| 21 Gluteus medius muscle | |



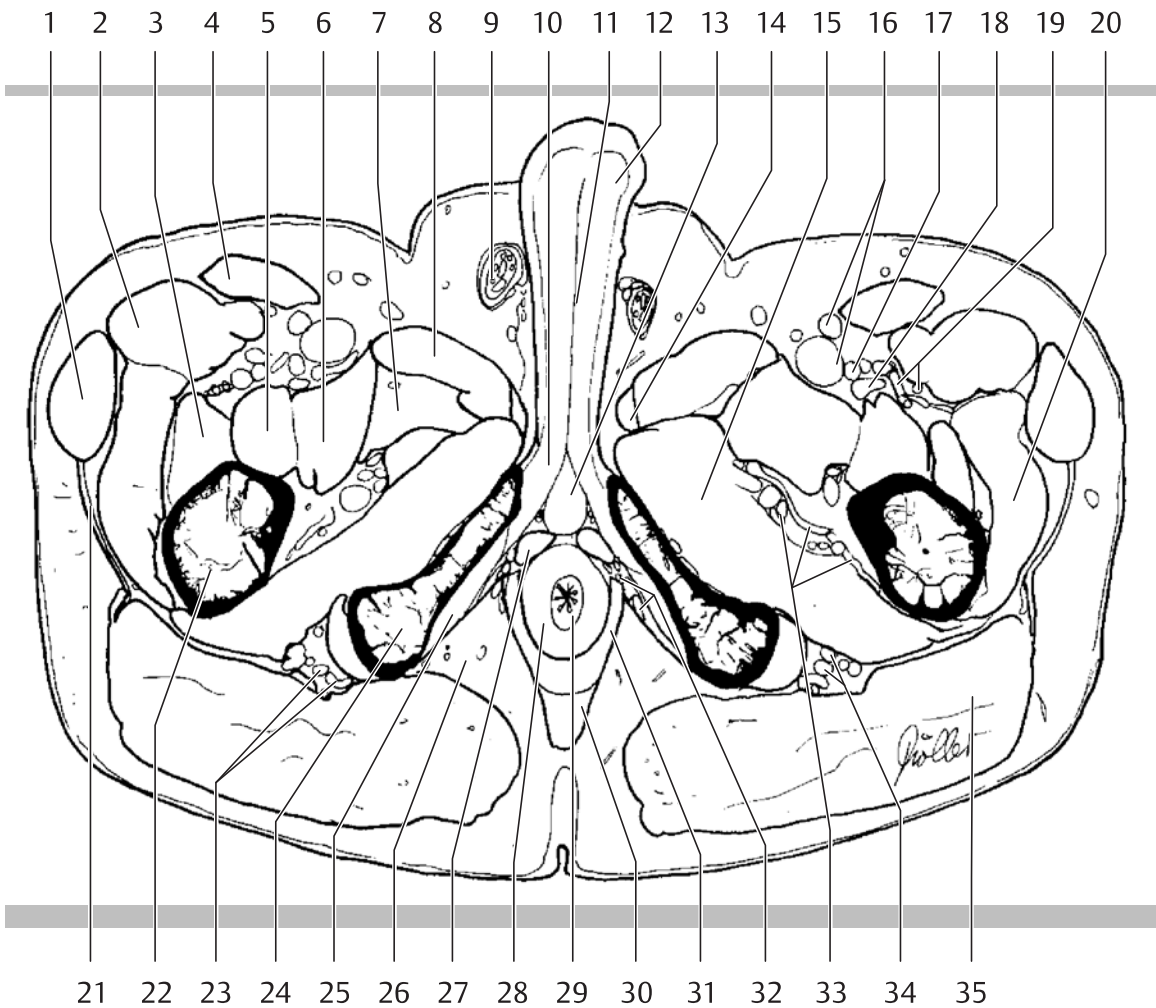
● = Lymph node (see inside back cover)



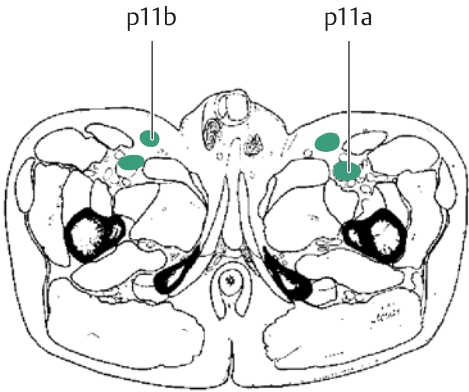
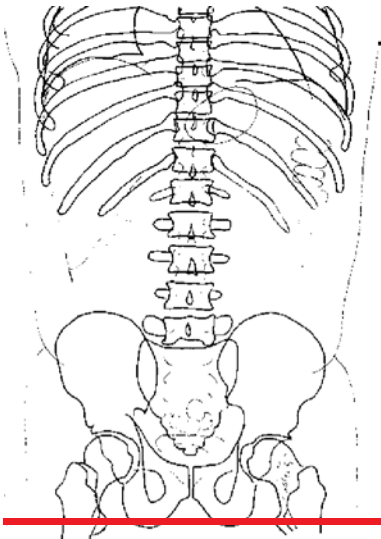
- | | |
|---|---|
| 1 Tensor fasciae latae muscle | 21 Vastus lateralis muscle |
| 2 Rectus femoris muscle | 22 Vastus intermedius muscle |
| 3 Sartorius muscle | 23 Gluteus maximus muscle |
| 4 Femoral nerve | 24 Quadratus femoris muscle |
| 5 Femoral artery and vein | 25 Common hamstring tendon insertion |
| 6 Pectineus muscle | 26 Ischial tuberosity |
| 7 Adductor brevis muscle | 27 Obturator foramen |
| 8 Spermatic cord | 28 Ischiorectal fossa |
| 9 Pubis | 29 Levator ani muscle (puborectalis muscle) |
| 10 Adductor longus muscle | 30 Anococcygeal ligament |
| 11 Corpus cavernosum | 31 Anus |
| 12 Glans penis | 32 Internal obturator artery and vein and obturator nerve |
| 13 Pubic symphysis | 33 Obturator internus muscle |
| 14 Urethra (prostatic part) | 34 Obturator externus muscle |
| 15 Prostate (anterior fibromuscular stroma) | 35 Inferior gluteal artery and vein |
| 16 Prostate (peripheral zone) | 36 Sciatic nerve |
| 17 Medial circumflex femoral vein | 37 Iliofemoral ligament |
| 18 Iliopsoas muscle | 38 Femur (neck) |
| 19 Iliotibial tract | 39 Femur (greater trochanter) |
| 20 Gluteus medius muscle | |



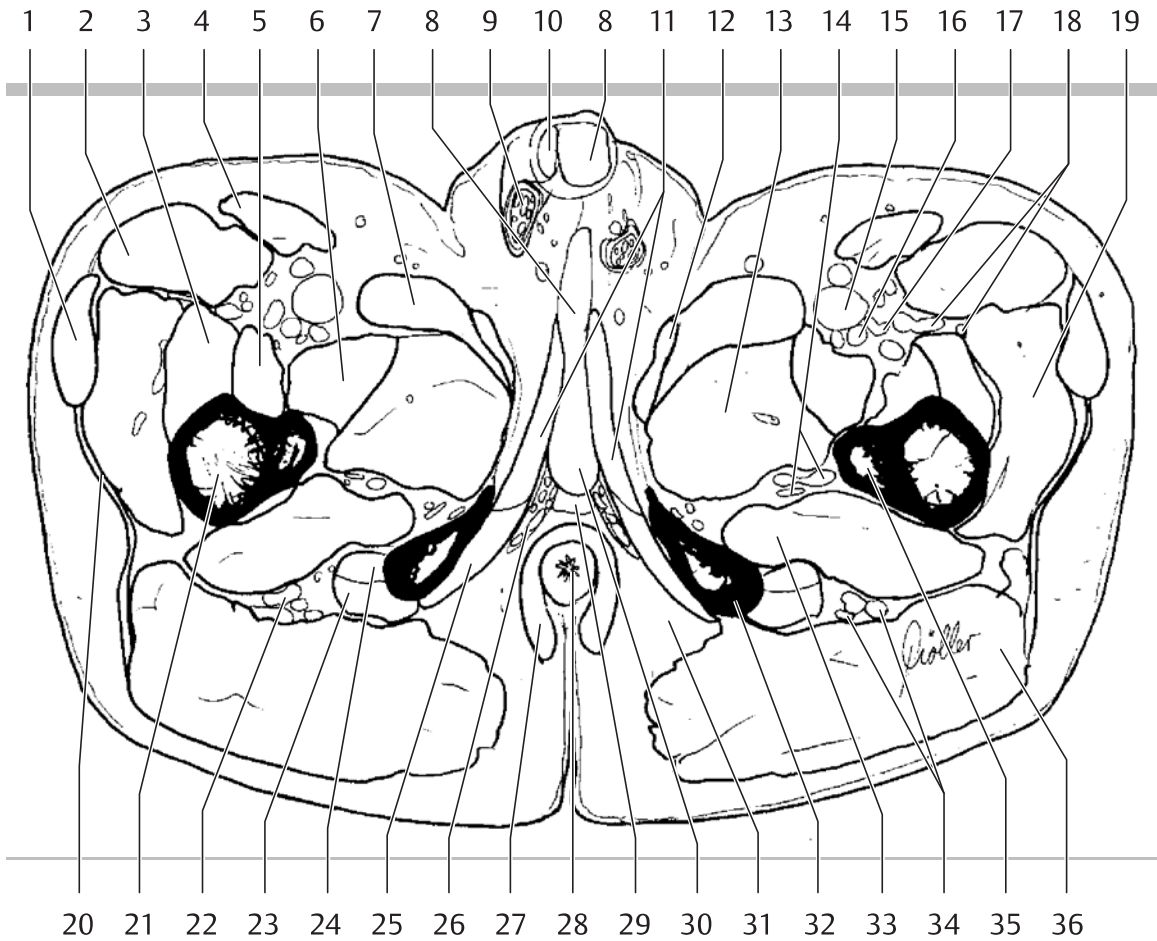
● = Lymph node (see inside back cover)



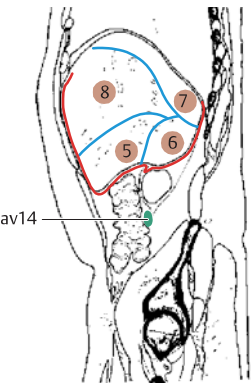
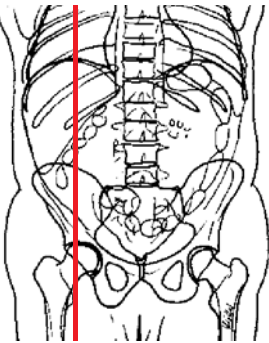
- | | |
|---|--|
| 1 Tensor fasciae latae muscle | 20 Vastus lateralis muscle |
| 2 Rectus femoris muscle | 21 Iliotibial tract |
| 3 Vastus intermedius muscle | 22 Femur (proximal shaft) |
| 4 Sartorius muscle | 23 Inferior gluteal artery and vein |
| 5 Iliopsoas muscle | 24 Ischium (tuberosity) |
| 6 Pectineus muscle | 25 Ischiocavernosus muscle |
| 7 Adductor brevis muscle | 26 Ischio-anal fossa |
| 8 Adductor longus muscle | 27 Superficial transverse perineal muscle |
| 9 Spermatic cord | 28 External anal sphincter |
| 10 Crus of penis (of corpora cavernosa) | 29 Anus |
| 11 Septum of penis | 30 Anococcygeal ligament |
| 12 Corpus cavernosum | 31 Levator ani muscle |
| 13 Bulb of penis (corpus spongiosum) | 32 Internal pudendal artery and vein and pudendal nerve |
| 14 Gracilis muscle | 33 Medial circumflex femoral artery and vein (ascending, descending and deep branches) |
| 15 Adductor magnus muscle | 34 Sciatic nerve |
| 16 Femoral artery and vein | 35 Gluteus maximus muscle |
| 17 Deep artery of thigh (profunda femoris artery) | |
| 18 Femoral nerve | |
| 19 Lateral circumflex femoral artery and vein | |



● = Lymph node (see inside back cover)

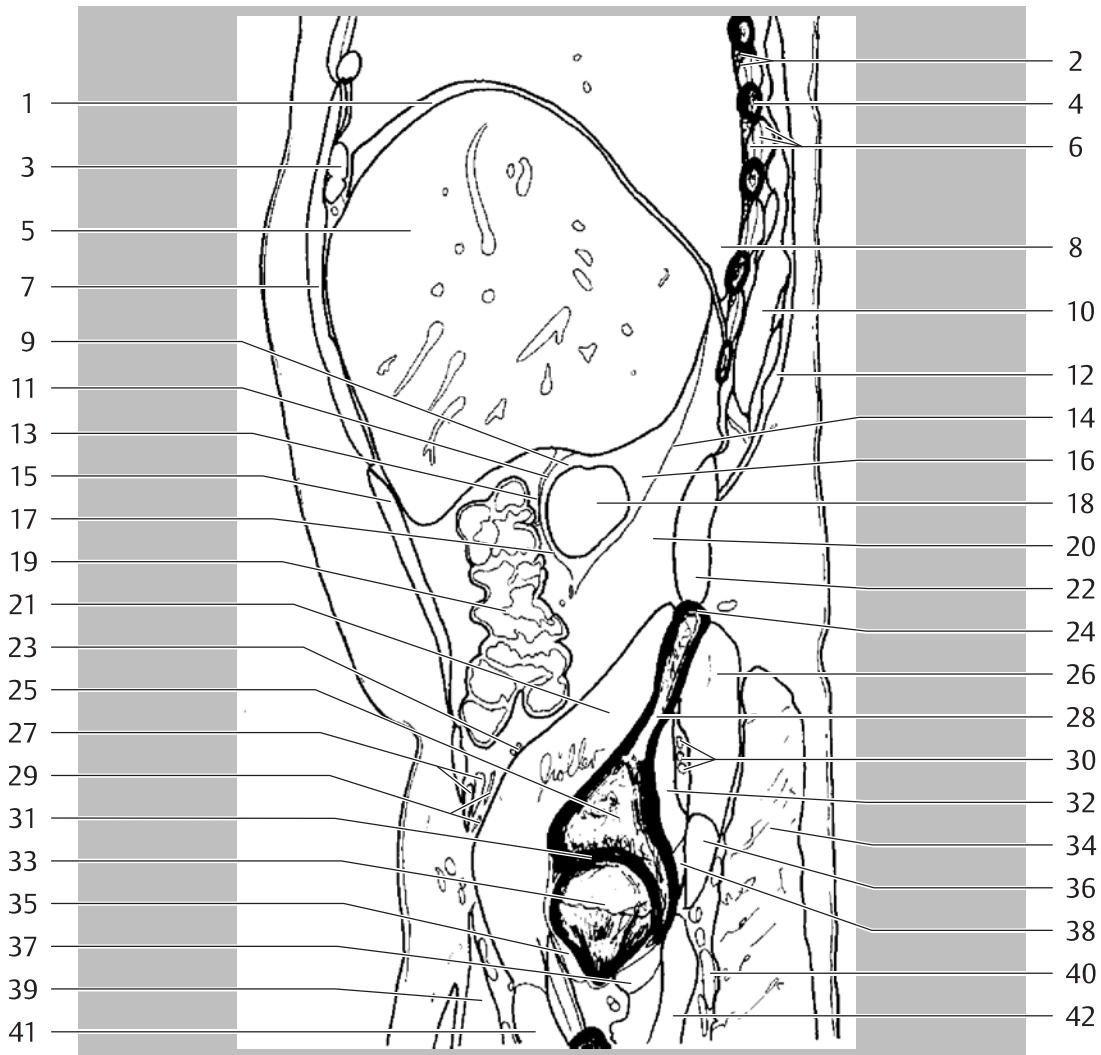


- | | |
|---|---|
| 1 Tensor fasciae latae muscle | 19 Vastus lateralis muscle |
| 2 Rectus femoris muscle | 20 Iliotibial tract |
| 3 Vastus intermedius muscle | 21 Femur |
| 4 Sartorius muscle | 22 Sciatic nerve |
| 5 Iliopsoas muscle | 23 Common origin of biceps femoris muscle (long head) and semitendinosus muscle |
| 6 Pectineus muscle | 24 Semimembranosus muscle |
| 7 Adductor longus muscle | 25 Ischiocavernosus muscle |
| 8 Corpus spongiosum | 26 Pudendal vessels |
| 9 Spermatic cord | 27 External anal sphincter |
| 10 Corpus cavernosum | 28 Anus |
| 11 Crus of penis (of corpora cavernosa) | 29 Perineal body |
| 12 Gracilis muscle | 30 Bulb of penis |
| 13 Adductor brevis muscle | 31 Ischioanal fossa |
| 14 Medial circumflex femoral artery and vein | 32 Ischial tuberosity |
| 15 Femoral artery and vein | 33 Adductor magnus muscle |
| 16 Deep artery of thigh (profunda femoris artery) | 34 Inferior gluteal artery and vein |
| 17 Femoral nerve | 35 Lesser trochanter |
| 18 Lateral circumflex femoral artery and vein | 36 Gluteus maximus muscle |

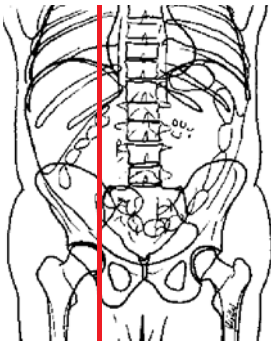


- = Lymph node (see inside back cover)
- = Borders of hepatic segments
- = Peritoneum

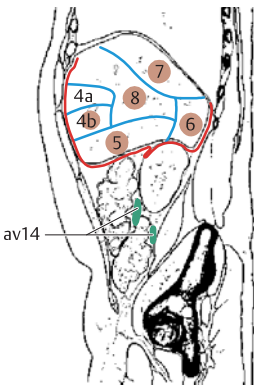
Numbers indicate the hepatic segments (see inside back cover)



- | | |
|---|---|
| 1 Diaphragm | 22 Quadratus lumborum muscle |
| 2 Intercostal vein, artery, and nerve | 23 Deep circumflex iliac artery and vein |
| 3 Rib 5 (costal cartilage) | 24 Iliac crest |
| 4 Rib 9 | 25 Acetabular roof |
| 5 Liver (right lobe) | 26 Gluteus medius muscle |
| 6 External, internal, and innermost intercostal muscles | 27 Inguinal ligament |
| 7 Rectus abdominis muscle | 28 Ilium |
| 8 Costodiaphragmatic recess | 29 Testicular vessels |
| 9 Anterior perirenal space | 30 Superior gluteal artery, vein, and nerve |
| 10 Erector spinae muscle (lateral tract) | 31 Hip joint |
| 11 Anterior pararenal space | 32 Gluteus minimus muscle |
| 12 Latissimus dorsi muscle | 33 Femur (head) |
| 13 Hepatorenal fossa (Morison pouch) | 34 Gluteus maximus muscle |
| 14 Posterior renal fascia | 35 Hip joint capsule |
| 15 External oblique aponeurosis | 36 Obturator internus muscle |
| 16 Posterior pararenal space | 37 Obturator externus muscle |
| 17 Anterior renal fascia | 38 Piriformis muscle |
| 18 Right kidney | 39 Vastus medialis muscle |
| 19 Ascending colon | 40 Sciatic nerve |
| 20 Posterior pararenal space | 41 Pectineus muscle |
| 21 Iliopsoas muscle | 42 Quadratus femoris muscle |

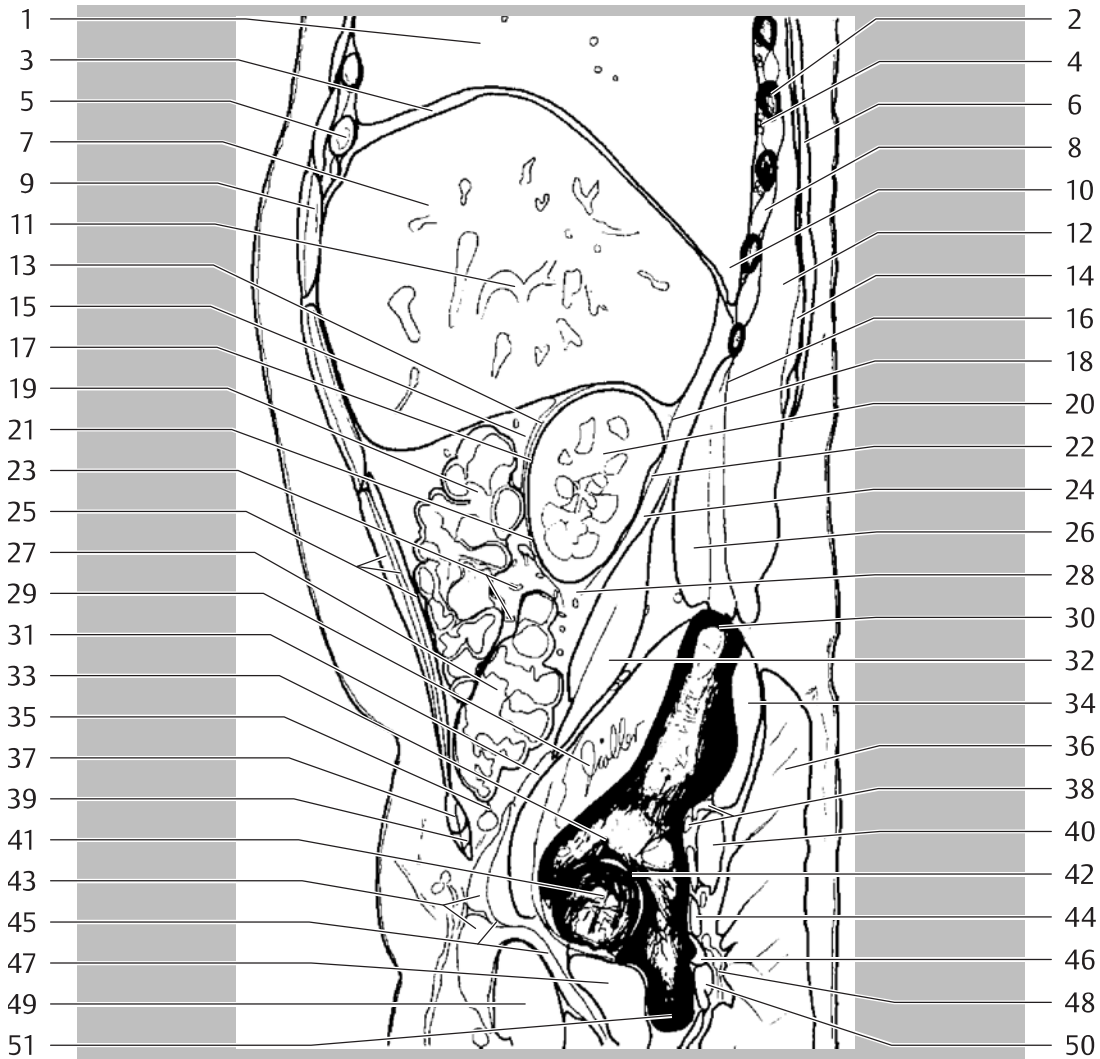


- 1 Right lung
- 2 Rib 9
- 3 Diaphragm
- 4 Intercostal vein, artery, and nerve
- 5 Rib 5 (costal cartilage)
- 6 Latissimus dorsi muscle
- 7 Liver (right lobe)
- 8 External, internal, and innermost intercostal muscles
- 9 Rectus abdominis muscle

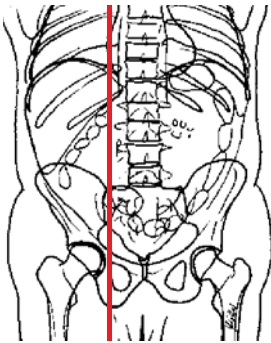


- = Lymph node (see inside back cover)
- = Borders of hepatic segments
- = Peritoneum

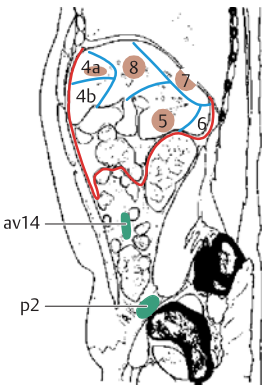
Numbers indicate the hepatic segments (see inside back cover)



- | | | | |
|----|---|----|--|
| 10 | Costodiaphragmatic recess | 31 | Femoral nerve |
| 11 | Portal vein | 32 | Psoas muscle |
| 12 | Erector spinae muscle (lateral tract) | 33 | Acetabular roof |
| 13 | Anterior pararenal space | 34 | Gluteus medius muscle |
| 14 | Serratus posterior inferior muscle | 35 | Vermiform appendix |
| 15 | Hepatorenal fossa (Morison pouch) | 36 | Gluteus maximus muscle |
| 16 | Thoracolumbar fascia | 37 | Inguinal ligament |
| 17 | Anterior perirenal space | 38 | Superior gluteal artery, vein, and nerve |
| 18 | Posterior renal fascia | 39 | Spermatic cord (with ductus deferens) |
| 19 | Ascending colon | 40 | Piriformis muscle |
| 20 | Right kidney | 41 | Femur (head) |
| 21 | Anterior renal fascia | 42 | Hip joint |
| 22 | Posterior perirenal space | 43 | Femoral artery and vein |
| 23 | Right colic artery and vein | 44 | Sciatic nerve |
| 24 | Posterior pararenal space | 45 | Lateral circumflex femoral artery and vein |
| 25 | External oblique, internal oblique, and transversus abdominis muscles | 46 | Gemellus superior muscle |
| 26 | Quadratus lumborum muscle | 47 | Obturator externus muscle |
| 27 | Caecum | 48 | Inferior gluteal artery |
| 28 | Infrarenal retroperitoneal space | 49 | Pectineus muscle |
| 29 | Iliacus muscle | 50 | Obturator internus muscle |
| 30 | Iliac crest | 51 | Ilium |

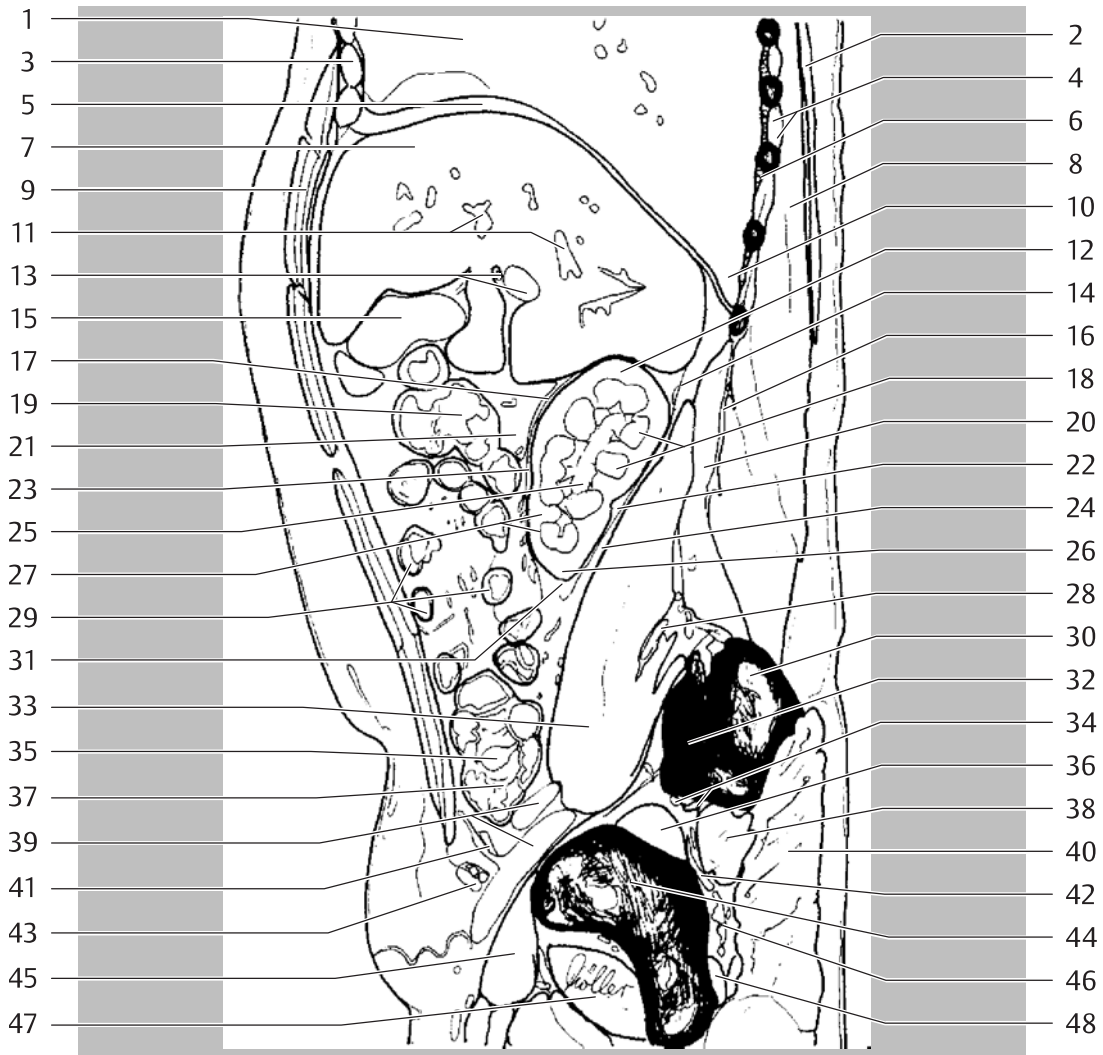


- 1 Lung, right lobe
- 2 Latissimus dorsi muscle
- 3 Rib 4 (costal cartilage)
- 4 External, internal, and innermost inter-costal muscles
- 5 Diaphragm
- 6 Intercostal vein, artery, and nerve
- 7 Liver (right lobe)
- 8 Erector spinae muscle (lateral tract) ►

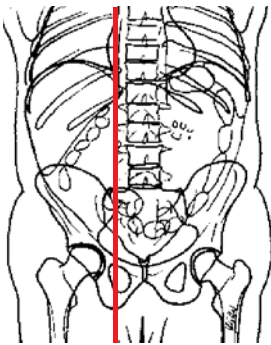


- = Lymph node (see inside back cover)
- = Borders of hepatic segments
- = Peritoneum

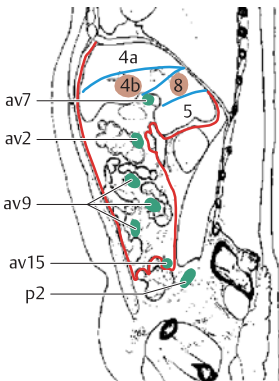
Numbers indicate the hepatic segments (see inside back cover)



- | | |
|--------------------------------------|---|
| 9 Rectus abdominis muscle | 30 Sacrum |
| 10 Costodiaphragmatic recess | 31 Infrarenal retroperitoneal space |
| 11 Hepatic veins | 32 Ilium |
| 12 Kidney (superior pole) | 33 Iliopsoas muscle |
| 13 Portal vein and hepatic artery | 34 Superior gluteal artery and vein |
| 14 Posterior renal fascia | 35 Ileal orifice |
| 15 Gallbladder | 36 Obturator internus muscle |
| 16 Thoracolumbar fascia | 37 Caecum |
| 17 Anterior pararenal space | 38 Piriformis muscle |
| 18 Right kidney (renal pyramids) | 39 External iliac artery and vein |
| 19 Colon (left flexure) | 40 Gluteus maximus muscle |
| 20 Quadratus lumborum muscle | 41 Inferior epigastric artery and vein |
| 21 Hepatorenal fossa (Morison pouch) | 42 Sciatic nerve |
| 22 Posterior perirenal space | 43 Spermatic cord |
| 23 Anterior renal fascia | 44 Ischium |
| 24 Posterior pararenal space | 45 Pectineus muscle |
| 25 Right kidney (renal calyx) | 46 Inferior gluteal artery and vein |
| 26 Kidney (inferior pole) | 47 Obturator externus muscle |
| 27 Right kidney (renal cortex) | 48 Obturator internus muscle and gemellus superior muscle |
| 28 Femoral nerve | |
| 29 Ascending colon | |

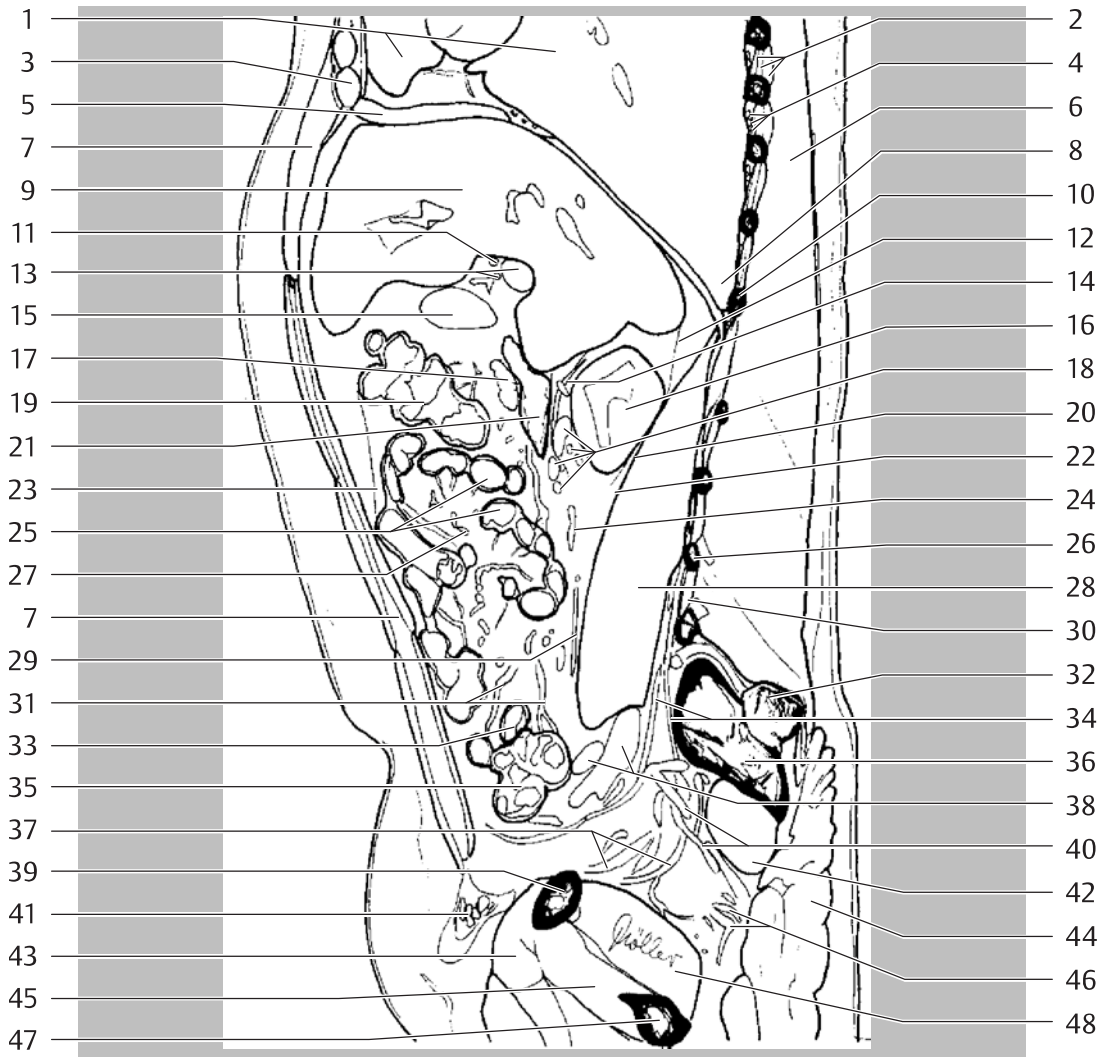


- 1 Right lung
- 2 External, internal, and innermost intercostal muscles
- 3 Rib 5 (costal cartilage)
- 4 Intercostal vein, artery, and nerve
- 5 Diaphragm
- 6 Erector spinae muscle (lateral tract) ►

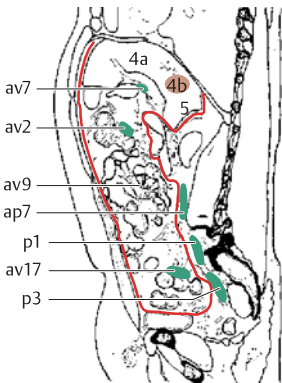
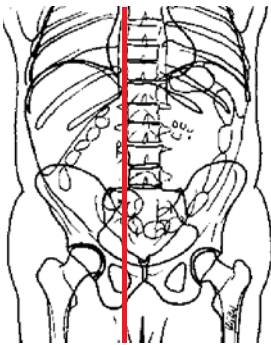


- = Lymph node (see inside back cover)
- = Borders of hepatic segments
- = Peritoneum

Numbers indicate the hepatic segments (see inside back cover)



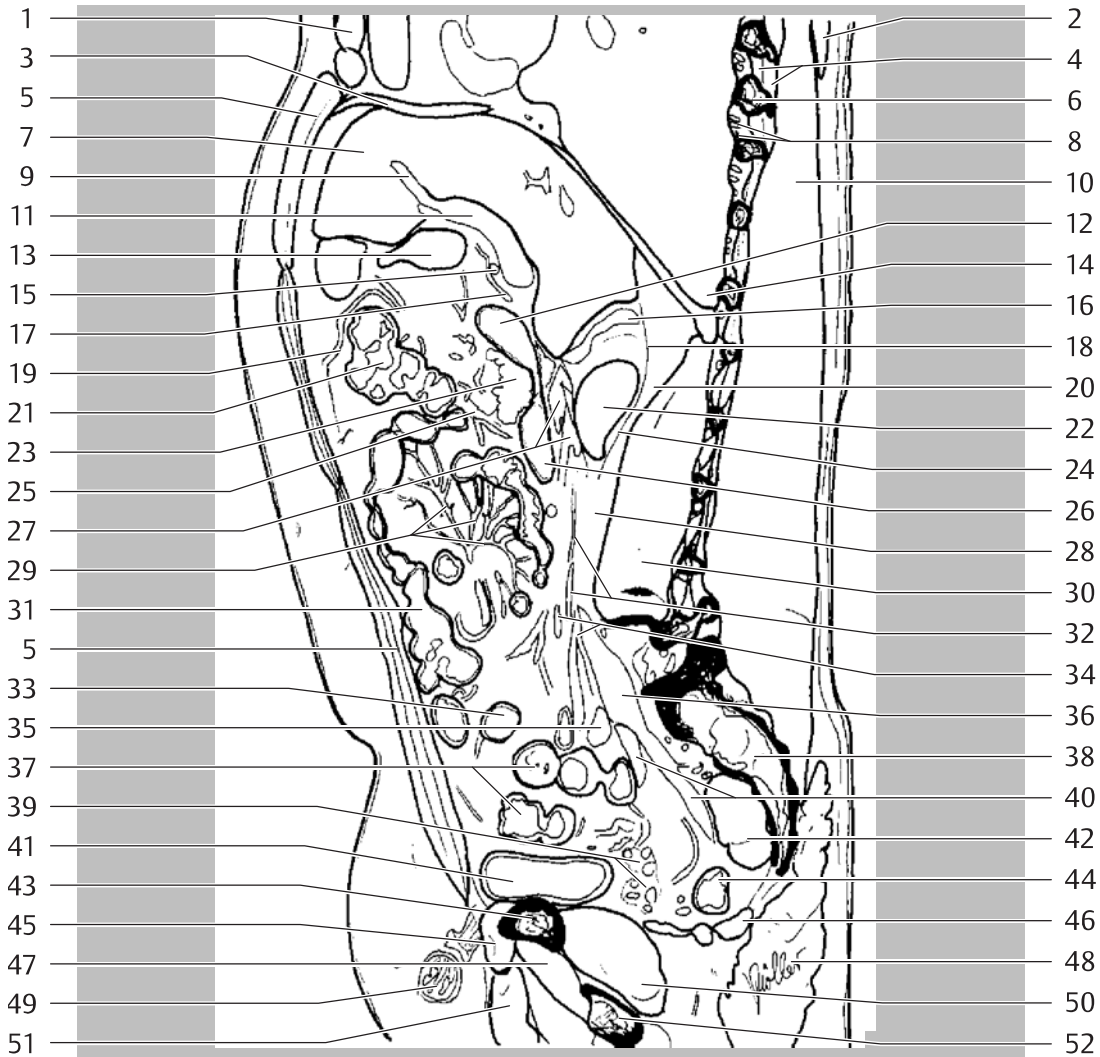
- | | |
|--|--|
| 7 Rectus abdominis muscle | 28 Psoas muscle |
| 8 Costodiaphragmatic recess | 29 Testicular vein |
| 9 Liver (right lobe) | 30 Erector spinae muscle
(intertransversarii muscles) |
| 10 Rib 12 | 31 Caecal veins |
| 11 Hepatic duct | 32 Sacrum |
| 12 Posterior renal fascia | 33 Terminal ileum |
| 13 Portal vein and hepatic artery | 34 Sacral plexus |
| 14 Suprarenal gland | 35 Caecum |
| 15 Gallbladder | 36 Ilium |
| 16 Right kidney | 37 Right inferior vesical artery and vein |
| 17 Pancreas | 38 External iliac artery and vein |
| 18 Right renal artery and vein | 39 Pubis |
| 19 Transverse colon | 40 Inferior gluteal artery and vein |
| 20 Posterior perirenal space | 41 Inguinal canal (spermatic cord) |
| 21 Duodenum (descending part) | 42 Piriformis muscle |
| 22 Posterior pararenal space | 43 Pectineus muscle |
| 23 Greater omentum | 44 Gluteus maximus muscle |
| 24 Ureter | 45 Obturator externus muscle |
| 25 Ileum | 46 Middle rectal artery and vein |
| 26 Costal process | 47 Ischium (ramus) |
| 27 Jejunal and ileal arteries and
veins | 48 Obturator internus muscle |



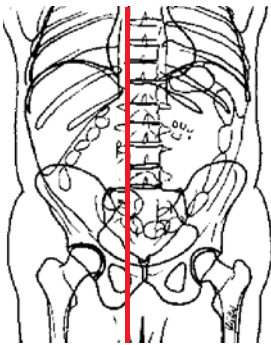
- 1 Rib 4 (costal cartilage)
- 2 Latissimus dorsi muscle
- 3 Diaphragm
- 4 External, internal, and innermost intercostal muscles
- 5 Rectus abdominis muscle
- 6 Rib 9
- 7 Liver (right lobe)
- 8 Intercostal vein, artery, and nerve
- 9 Left portal vein (medial segmental branch)

● = Lymph node (see inside back cover)
— = Borders of hepatic segments
— = Peritoneum

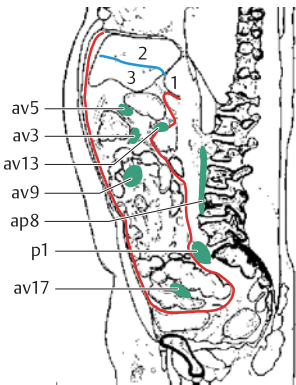
Numbers indicate the hepatic segments (see inside back cover)



- | | | | |
|----|---------------------------------------|----|-------------------------------------|
| 10 | Erector spinae muscle (lateral tract) | 32 | Testicular artery and vein |
| 11 | Left portal vein | 33 | Terminal ileum |
| 12 | Duodenum (superior part) | 34 | Inferior mesenteric artery and vein |
| 13 | Liver (quadrate lobe) | 35 | External iliac artery |
| 14 | Costodiaphragmatic recess | 36 | Common iliac vein |
| 15 | Hepatic artery proper | 37 | Sigmoid colon |
| 16 | Suprarenal gland | 38 | Sacrum |
| 17 | Bile duct | 39 | Seminal vesicle |
| 18 | Posterior renal fascia | 40 | Internal iliac artery and vein |
| 19 | Greater omentum | 41 | Urinary bladder |
| 20 | Posterior pararenal space | 42 | Piriformis muscle |
| 21 | Transverse colon | 43 | Pubis |
| 22 | Right kidney | 44 | Rectum |
| 23 | Pancreas | 45 | Pectineus muscle |
| 24 | Posterior perirenal space | 46 | Levator ani muscle |
| 25 | Transverse mesocolon | 47 | Obturator externus muscle |
| 26 | Duodenum (horizontal part) | 48 | Gluteus maximus muscle |
| 27 | Right renal artery and vein | 49 | Spermatic cord |
| 28 | Infrarenal retroperitoneal space | 50 | Obturator internus muscle |
| 29 | Jejunal and ileal arteries and veins | 51 | Adductor longus muscle |
| 30 | Psoas muscle | 52 | Ischium (ramus) |
| 31 | Ileum | | |

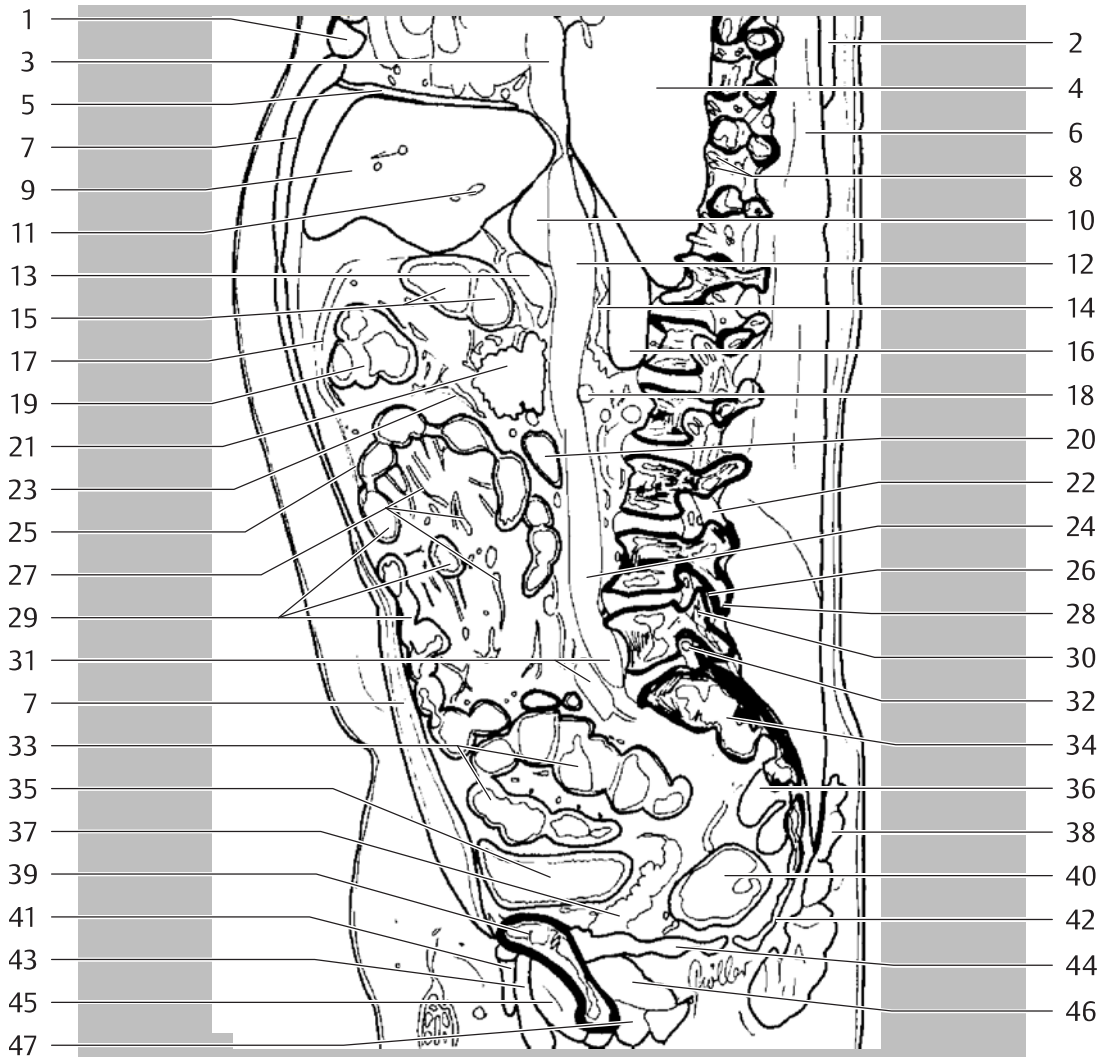


- 1 Rib 4 (costal cartilage)
- 2 Latissimus dorsi muscle
- 3 Right atrium
- 4 Right lung
- 5 Diaphragm
- 6 Erector spinae muscle (lateral tract)
- 7 Rectus abdominis muscle

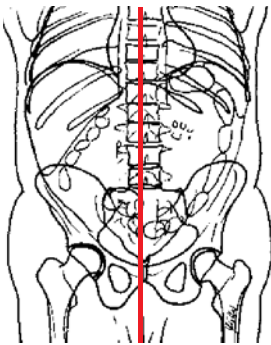


- = Lymph node (see inside back cover)
- = Borders of hepatic segments
- = Peritoneum

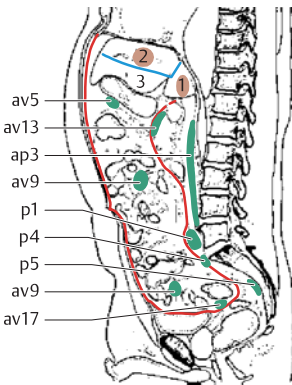
Numbers indicate the hepatic segments (see inside back cover)



- | | | | |
|----|--------------------------------------|----|---|
| 8 | Intercostal vein, artery, and nerve | 29 | Jejunum and ileum |
| 9 | Liver (right lobe) | 30 | Inferior articular process |
| 10 | Liver (caudate lobe) | 31 | Common iliac artery and vein |
| 11 | Left portal vein | 32 | Spinal ganglion (nerve root) |
| 12 | Inferior vena cava | 33 | Sigmoid colon |
| 13 | Portal vein | 34 | Sacrum |
| 14 | Suprarenal gland | 35 | Urinary bladder |
| 15 | Stomach (pylorus) | 36 | Piriformis muscle |
| 16 | Diaphragm (crus and insertion) | 37 | Seminal vesicle |
| 17 | Gastrocolic ligament | 38 | Gluteus maximus muscle |
| 18 | Right renal artery | 39 | Pubis |
| 19 | Transverse colon | 40 | Rectum |
| 20 | Duodenum (third part) | 41 | Adductor longus muscle |
| 21 | Pancreas (head) | 42 | Levator ani muscle and coccygeus muscle |
| 22 | Ligamentum flavum | 43 | Adductor brevis muscle |
| 23 | Transverse mesocolon | 44 | Levator ani muscle |
| 24 | Inferior vena cava | 45 | Obturator externus muscle |
| 25 | Greater omentum | 46 | Obturator internus muscle |
| 26 | Zygapophysial joint | 47 | Ischiocavernosus muscle |
| 27 | Jejunal and ileal arteries and veins | | |
| 28 | Superior articular process | | |

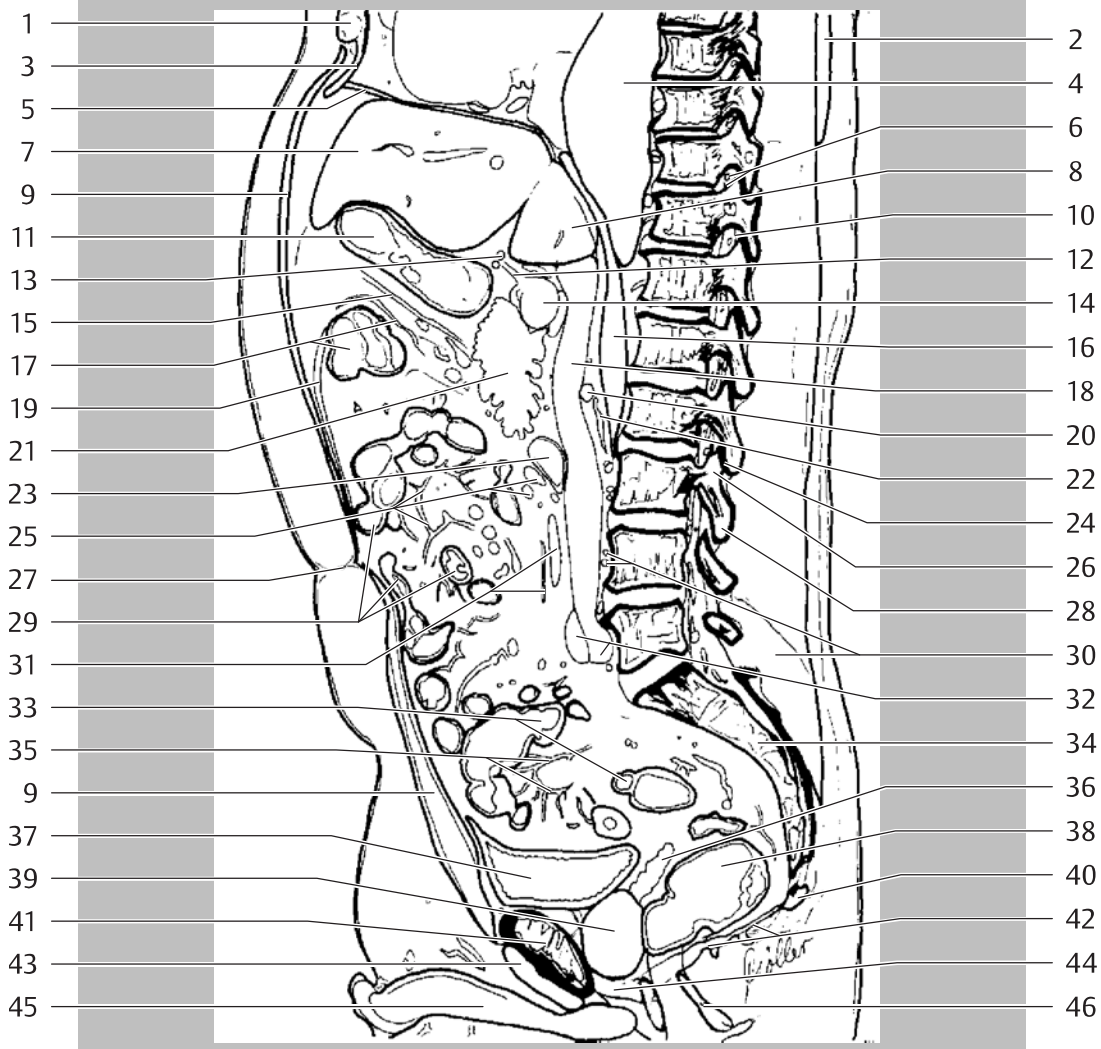


- 1 Costosternal joint
- 2 Latissimus dorsi muscle
- 3 Xiphoid process
- 4 Right lung
- 5 Diaphragm
- 6 Intervertebral foramen (neuroforamen) with spinal ganglion

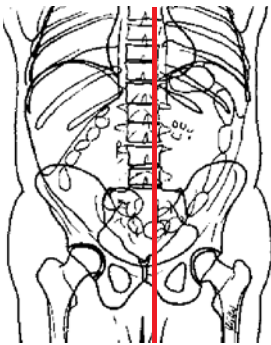


- = Lymph node (see inside back cover)
- = Borders of hepatic segments
- = Peritoneum

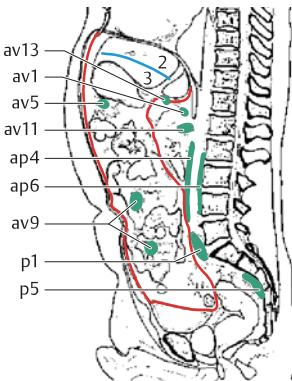
Numbers indicate the hepatic segments (see inside back cover)



- | | |
|---|---|
| 7 Liver (right lobe) | 28 Inferior articular process |
| 8 Liver (caudate lobe) | 29 Jejunum and ileum |
| 9 Rectus abdominis muscle | 30 Lumbar artery and vein and erector spinae muscle, medial tract |
| 10 Ligamentum flavum | 31 Ileocolic artery and vein |
| 11 Stomach (body) | 32 Common iliac artery and vein |
| 12 Right gastric vein | 33 Sigmoid colon |
| 13 Hepatic artery proper | 34 Sacrum |
| 14 Portal vein | 35 Sigmoid arteries |
| 15 Right gastro-omental artery | 36 Seminal vesicle |
| 16 Diaphragm (lumbar part) | 37 Urinary bladder |
| 17 Transverse colon and middle colic vein | 38 Rectum |
| 18 Inferior vena cava | 39 Prostate |
| 19 Greater omentum | 40 Coccyx |
| 20 Right renal artery | 41 Pubis |
| 21 Pancreas | 42 Levator ani muscle |
| 22 Azygos vein | 43 Pectineus muscle |
| 23 Duodenum, horizontal part | 44 Urogenital diaphragm |
| 24 Zygapophysial joint | 45 Corpus cavernosum |
| 25 Jejunal and ileal arteries and veins | 46 External anal sphincter |
| 26 Superior articular process | |
| 27 Umbilicus | |

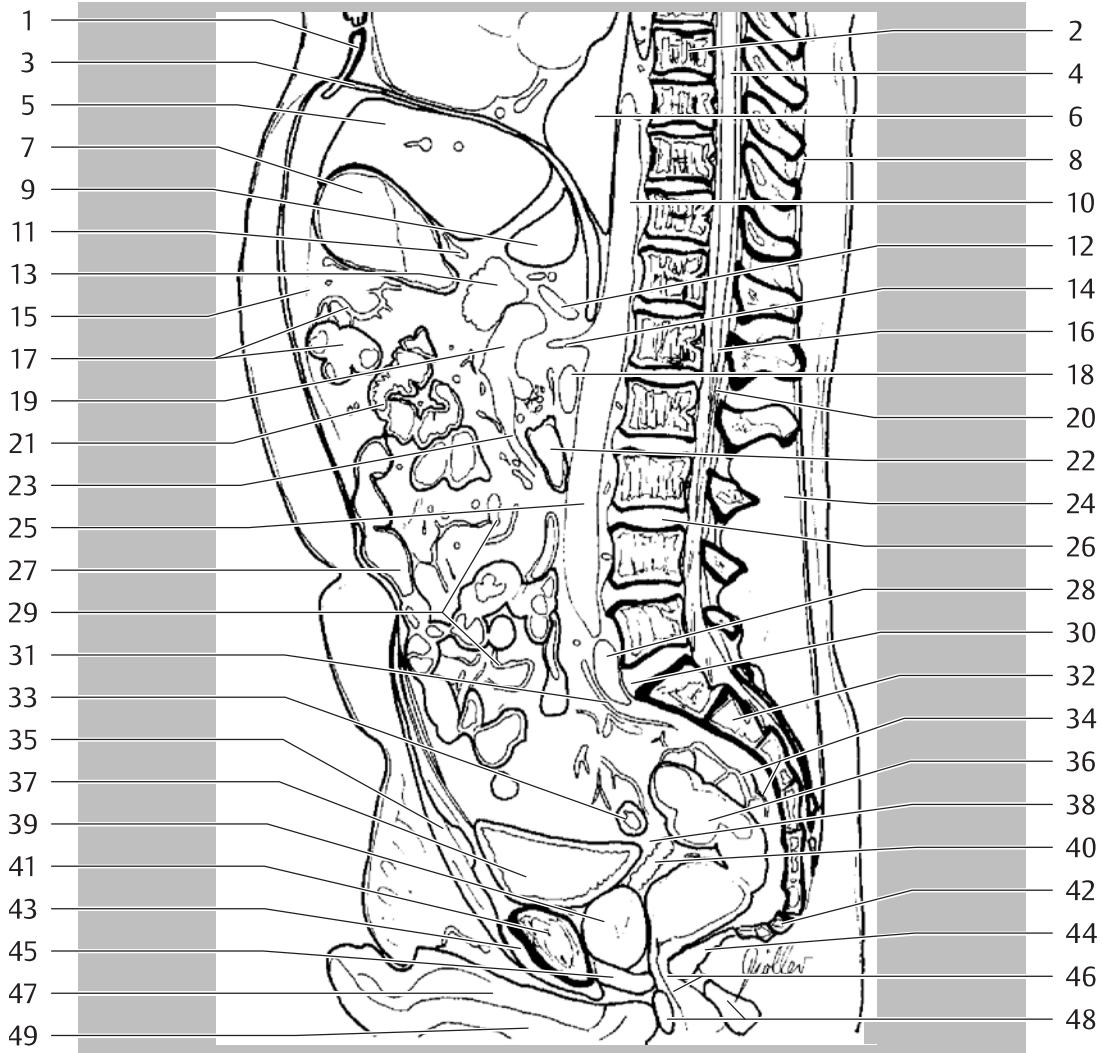


- 1 Xiphoid process
- 2 Vertebral body (T8)
- 3 Diaphragm
- 4 Thoracic spinal cord
- 5 Liver (left lobe)
- 6 Left lung
- 7 Stomach

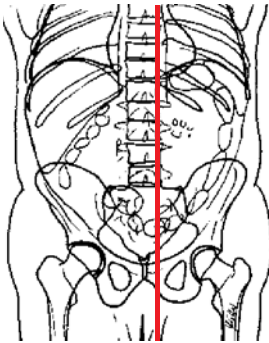


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- = Borders of hepatic segments
- = Peritoneum

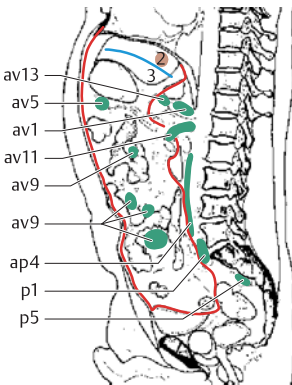
Numbers indicate the hepatic segments (see inside back cover)



- | | | | |
|----|--|----|--------------------------------------|
| 8 | Supraspinous ligament | 29 | Jejunal and ileal arteries and veins |
| 9 | Liver (caudate lobe) | 30 | Promontory of sacrum |
| 10 | Descending aorta | 31 | Inferior mesenteric artery |
| 11 | Left gastric artery | 32 | Sacrum |
| 12 | Coeliac trunk | 33 | Sigmoid colon |
| 13 | Pancreas | 34 | Superior rectal artery and vein |
| 14 | Superior mesenteric artery | 35 | Rectus abdominis muscle |
| 15 | Greater omentum | 36 | Rectum |
| 16 | Conus medullaris | 37 | Urinary bladder |
| 17 | Transverse colon and middle colic artery | 38 | Recto-vesical pouch |
| 18 | Right renal vein | 39 | Prostate |
| 19 | Portal vein | 40 | Seminal vesicle |
| 20 | Cauda equina | 41 | Pubis |
| 21 | Jejunum | 42 | Coccyx |
| 22 | Duodenum (horizontal part) | 43 | Pectineus muscle |
| 23 | Superior mesenteric vein | 44 | Levator ani muscle |
| 24 | Erector spinae muscle (medial tract) | 45 | Urogenital diaphragm |
| 25 | Abdominal aorta | 46 | Anal canal |
| 26 | Intervertebral disk (L4–L5) | 47 | Corpus cavernosum |
| 27 | Ileum | 48 | External anal sphincter |
| 28 | Common iliac vein | 49 | Corpus spongiosum |



- 1 Sternum
- 2 Descending aorta (thoracic)
- 3 Heart
- 4 Spinous process
- 5 Diaphragm
- 6 Left lung
- 7 Liver (left lobe)
- 8 Medial arcuate ligament
- 9 Liver (caudate lobe)
- 10 Coeliac trunk
- 11 Stomach
- 12 Superior mesenteric artery



● = Lymph node (see inside back cover)

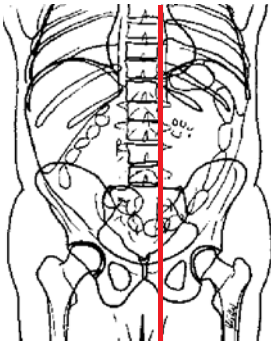
— = Borders of hepatic segments

— = Peritoneum

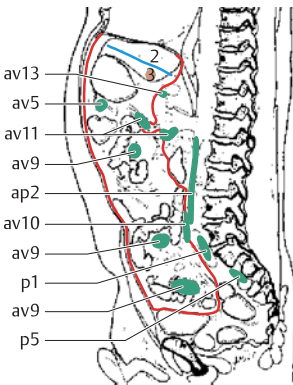
Numbers indicate the hepatic segments (see inside back cover)



- | | |
|---|---|
| 13 Greater omentum | 33 Ileal arteries and veins |
| 14 Right renal vein | 34 Sacrum |
| 15 Middle colic artery | 35 Ileum |
| 16 Lumbar vertebral body (L2) | 36 Sigmoid vein (from inferior mesenteric vein) |
| 17 Pancreas | 37 Promontory of sacrum |
| 18 Inferior articular process | 38 Piriformis muscle |
| 19 Right gastro-omental artery | 39 Sigmoid colon |
| 20 Superior articular process | 40 Rectum |
| 21 Transverse colon | 41 Rectus abdominis muscle |
| 22 Intervertebral foramen (neuroforamen) with spinal ganglion | 42 Seminal vesicle |
| 23 Jejunum | 43 Urinary bladder |
| 24 Intervertebral disk (L3–L4) | 44 Rectum (ampulla) |
| 25 Portal vein | 45 Prostate |
| 26 Zygapophysial joint | 46 Levator ani muscle |
| 27 Superior mesenteric vein | 47 Pubis |
| 28 Lumbar artery and vein | 48 Transversus perinei profundus muscle |
| 29 Duodenum (horizontal part) | 49 Pectineus muscle |
| 30 Erector spinae muscle (medial tract) | 50 Anal sphincter |
| 31 Abdominal aorta | 51 Corpus spongiosum |
| 32 Common iliac artery and vein | 52 Corpus cavernosum |

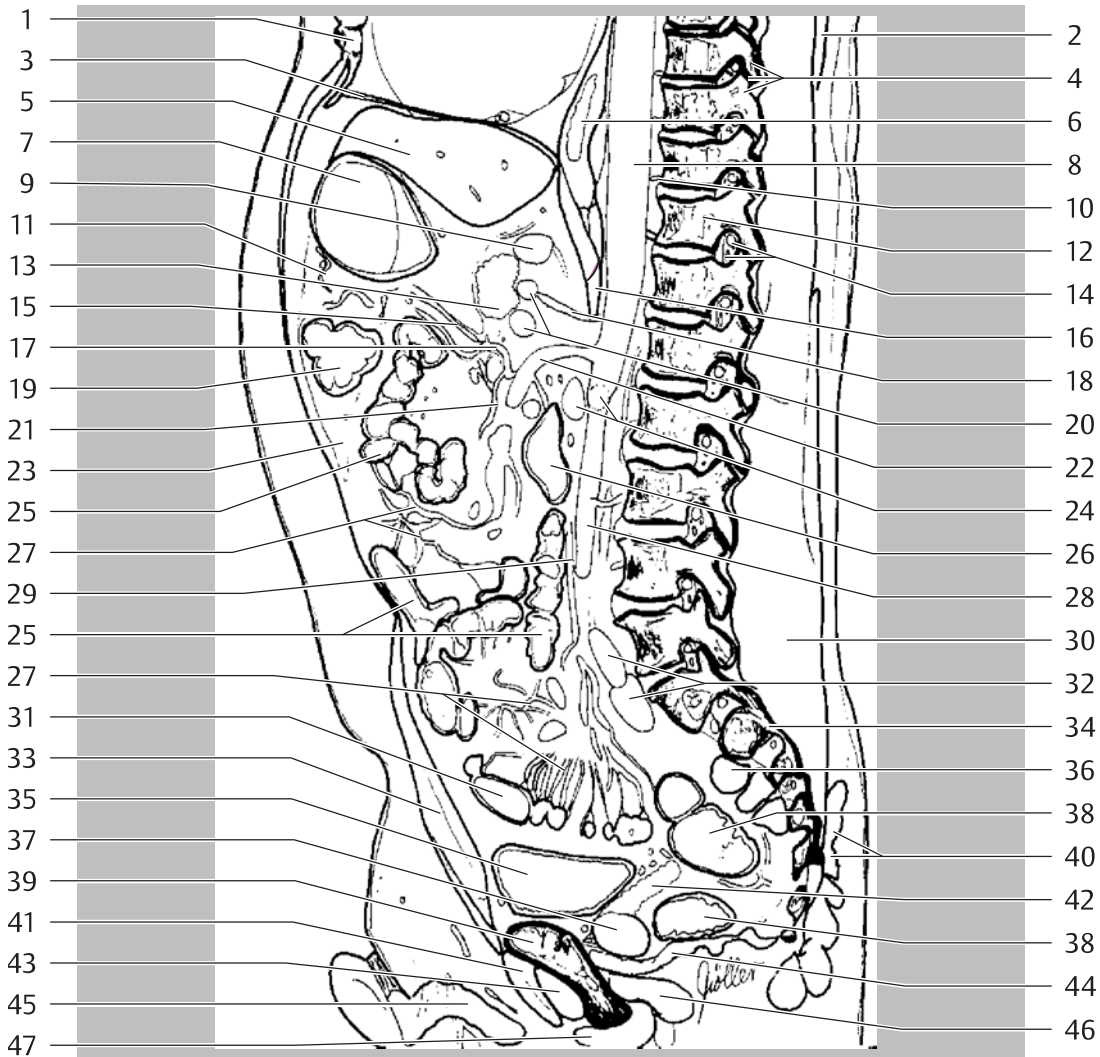


- 1 Xiphoid process
- 2 Latissimus dorsi muscle
- 3 Diaphragm
- 4 Zygapophysial joint with inferior and superior articular process
- 5 Liver (left lobe)
- 6 Oesophagus
- 7 Stomach

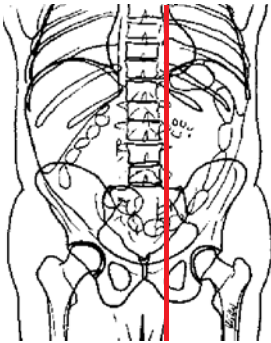
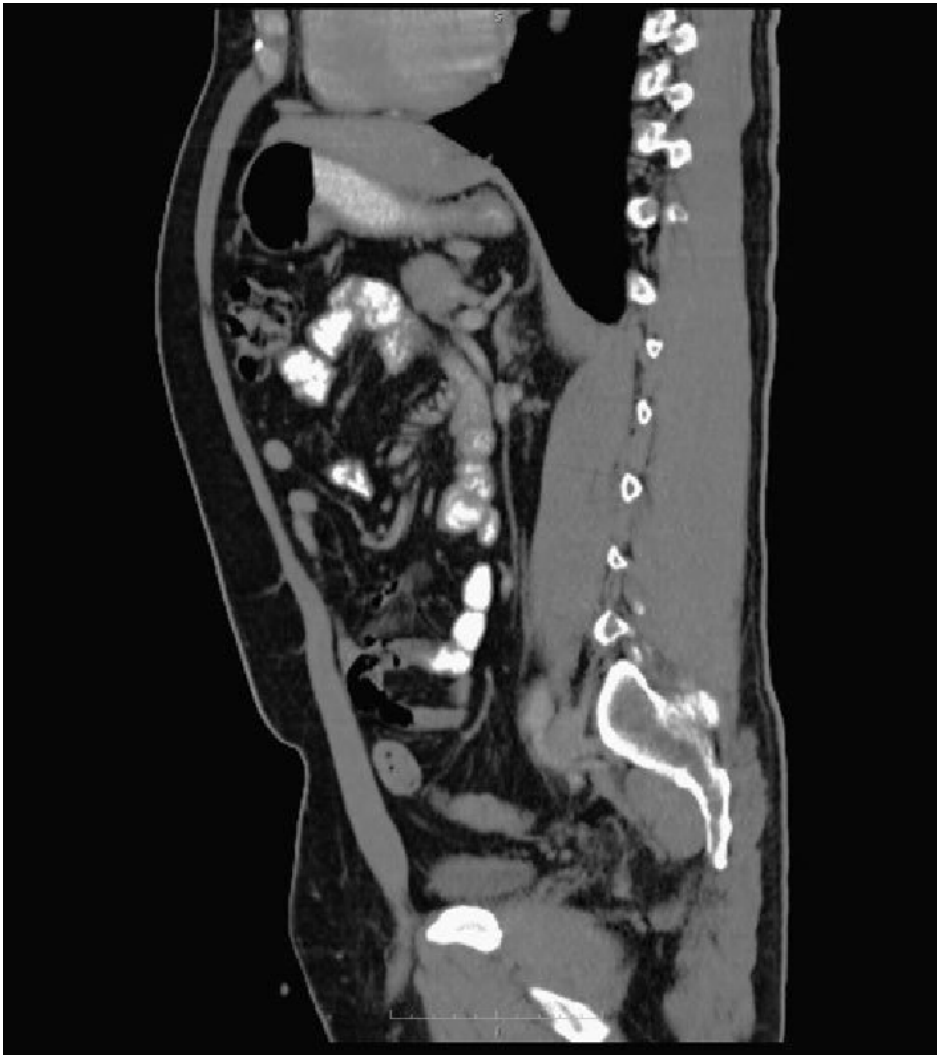


- = Lymph node (see inside back cover)
- = Borders of hepatic segments
- = Peritoneum

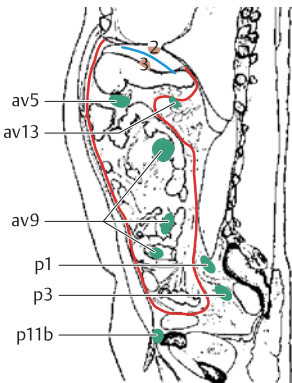
Numbers indicate the hepatic segments (see inside back cover)



- | | | | |
|----|--|----|--------------------------------------|
| 8 | Descending aorta (thoracic) | 27 | Jejunal and ileal arteries and veins |
| 9 | Liver (caudate lobe) | 28 | Abdominal aorta |
| 10 | Lumbar artery | 29 | Inferior mesenteric vein |
| 11 | Left gastro-omental artery and vein | 30 | Erector spinae muscle (medial tract) |
| 12 | Vertebral body (T11) | 31 | Jejunum |
| 13 | Pancreas | 32 | Common iliac artery and vein |
| 14 | Intervertebral foramen with spinal ganglion | 33 | Rectus abdominis muscle |
| 15 | Transverse mesocolon | 34 | Sacrum |
| 16 | Medial arcuate ligament | 35 | Urinary bladder |
| 17 | Middle colic artery | 36 | Piriformis muscle |
| 18 | Coeliac trunk | 37 | Prostate |
| 19 | Transverse colon | 38 | Rectum |
| 20 | Splenic artery and vein | 39 | Pubis |
| 21 | Right colic artery | 40 | Gluteus maximus muscle |
| 22 | Superior mesenteric artery | 41 | Adductor brevis muscle |
| 23 | Greater omentum | 42 | Seminal vesicle |
| 24 | Left renal artery (origin) and left renal vein | 43 | Obturator externus muscle |
| 25 | Jejunum and ileum | 44 | Levator ani muscle |
| 26 | Duodenum (ascending part) | 45 | Corpus cavernosum |
| | | 46 | Transversus perinei profundus muscle |
| | | 47 | Penis (crus) |

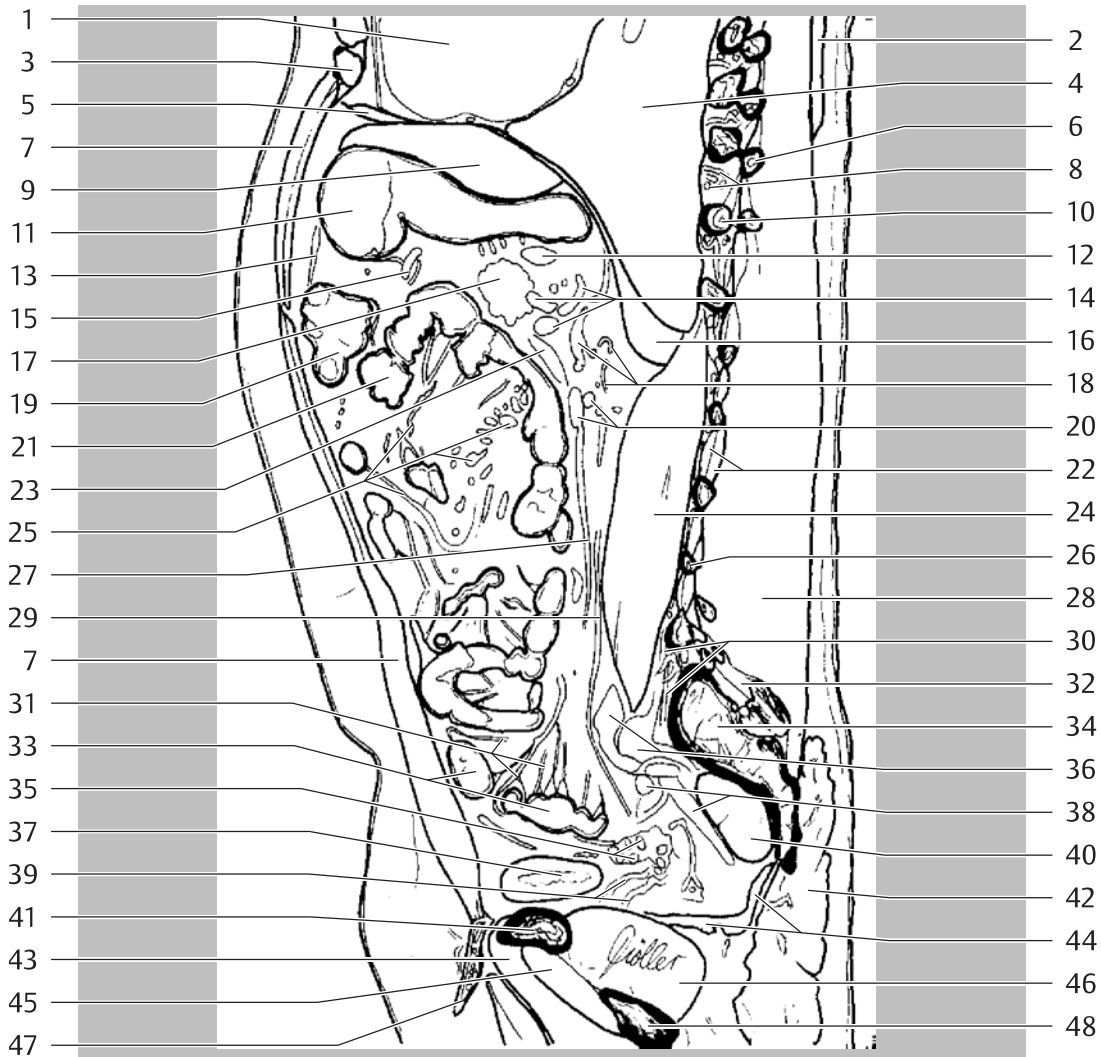


- 1 Heart
- 2 Latissimus dorsi muscle
- 3 Rib 5 (costal cartilage)
- 4 Left lung
- 5 Diaphragm
- 6 Transverse process
- 7 Rectus abdominis muscle
- 8 Intercostal vein, artery, and nerve (posterior)

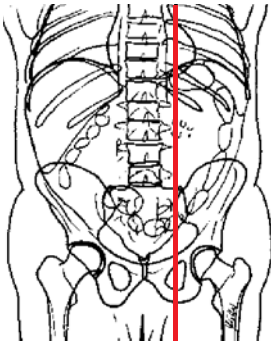


- = Lymph node (see inside back cover)
- = Borders of hepatic segments
- = Peritoneum

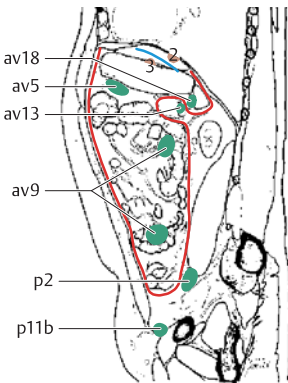
Numbers indicate the hepatic segments (see inside back cover)



- | | |
|---|--|
| 9 Liver (left lobe) | 28 Erector spinae muscle (lateral tract) |
| 10 Rib 9 (head) | 29 Ureter |
| 11 Stomach (body) | 30 Sacral plexus |
| 12 Liver (caudate lobe) | 31 Ileal arteries |
| 13 Greater omentum | 32 Iliolumbar ligament |
| 14 Splenic artery and vein | 33 Ileum |
| 15 Left gastro-omental artery and vein | 34 Sacrum |
| 16 Diaphragm (lumbar part) | 35 Seminal vesicle |
| 17 Pancreas | 36 Common iliac artery and vein |
| 18 Suprarenal gland with suprarenal artery and vein | 37 Urinary bladder |
| 19 Transverse colon | 38 Internal iliac artery and vein |
| 20 Left renal artery and vein | 39 Venous plexus of bladder |
| 21 Jejunum | 40 Piriformis muscle |
| 22 Intertransversarii muscles (part of erector spinae muscle, medial tract) and intertransverse ligaments | 41 Pubis (ramus) |
| 23 Inferior mesenteric vein | 42 Gluteus maximus |
| 24 Psoas muscle | 43 Pectineus muscle |
| 25 Jejunal and ileal arteries and veins | 44 Levator ani muscle |
| 26 Costal process | 45 Obturator externus muscle |
| 27 Testicular vein | 46 Obturator internus muscle |
| | 47 Inguinal canal (spermatic cord) |
| | 48 Ischium |



- 1 Rib 4 (costal cartilage)
- 2 Latissimus dorsi muscle
- 3 Heart
- 4 External, internal, and innermost intercostal muscles
- 5 Diaphragm
- 6 Intercostal vein, artery, and nerve

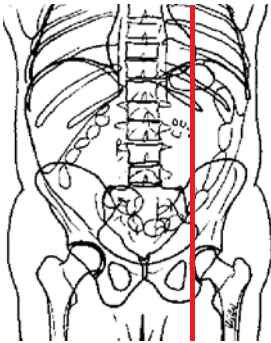


- = Lymph node (see inside back cover)
- = Borders of hepatic segments
- = Peritoneum

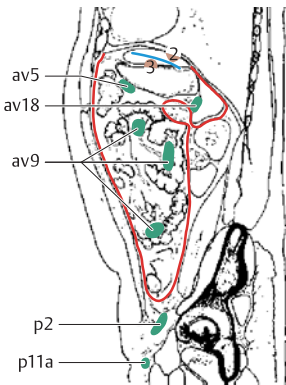
Numbers indicate the hepatic segments (see inside back cover)



- | | |
|--|---|
| 7 Liver (left lobe) | 28 Sacral plexus |
| 8 Rib 10 | 29 External iliac artery and vein |
| 9 Stomach | 30 Ilium |
| 10 Left lung | 31 Inferior vesical artery |
| 11 Greater omentum | 32 Iliacus muscle |
| 12 Spleen | 33 Obturator internus muscle |
| 13 Pancreas | 34 Sacrum |
| 14 Splenic artery and vein | 35 Pubis |
| 15 Transverse colon | 36 Gluteus maximus muscle |
| 16 Suprarenal gland | 37 Inguinal canal (spermatic cord) |
| 17 Jejunum | 38 Piriformis muscle |
| 18 Left kidney | 39 Pectineus muscle |
| 19 Jejunal arteries and veins | 40 Sciatic nerve |
| 20 Left renal artery and vein | 41 Obturator artery and vein |
| 21 Ureter | 42 Inferior gluteal artery and vein |
| 22 Erector spinae muscle (lateral tract) | 43 Obturator externus muscle |
| 23 Jejunal and ileal arteries and veins | 44 Gemelli and obturator internus muscles |
| 24 Quadratus lumborum muscle | 45 Adductor longus muscle |
| 25 Rectus abdominis muscle | 46 Ischial tuberosity |
| 26 Psoas muscle | 47 Adductor magnus muscle |
| 27 Testicular artery and vein | |

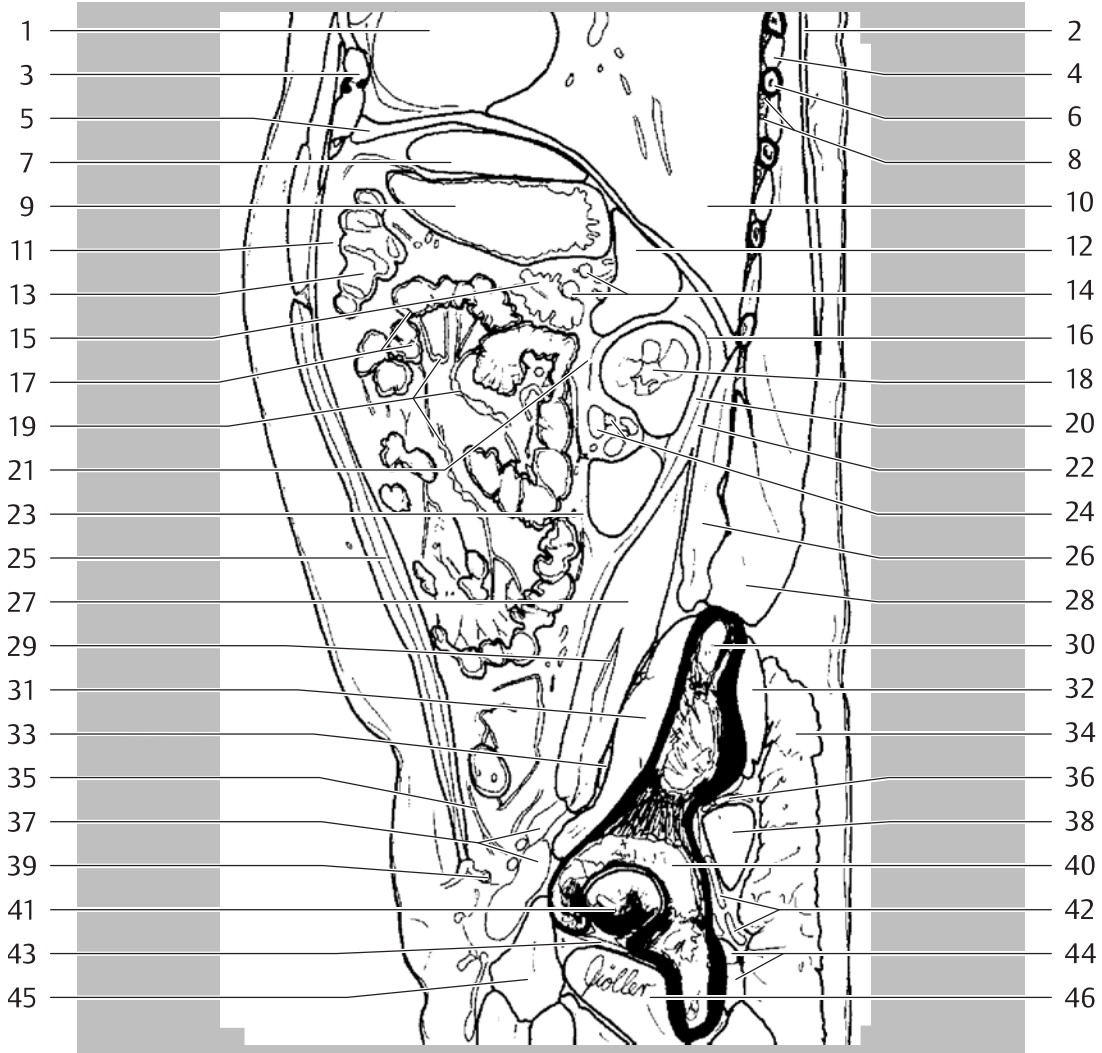


- 1 Heart
- 2 Latissimus dorsi muscle
- 3 Rib 8 (costal cartilage)
- 4 External, internal, and innermost inter-costal muscles
- 5 Diaphragm
- 6 Rib 9



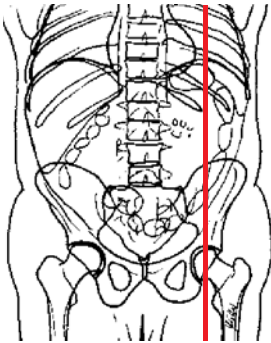
- = Lymph node (see inside back cover)
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Numbers indicate the hepatic segments (see inside back cover)

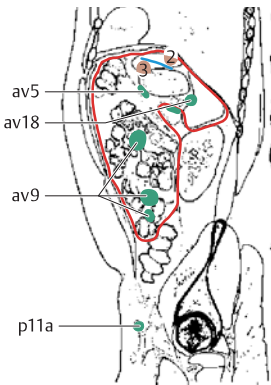


- 7 Liver (left lobe)
- 8 Intercostal vein, artery, and nerve
- 9 Stomach
- 10 Left lung
- 11 Greater omentum
- 12 Spleen
- 13 Transverse colon
- 14 Splenic artery and vein
- 15 Pancreas
- 16 Posterior renal fascia
- 17 Jejunum
- 18 Left kidney (renal calyx)
- 19 Jejunal and ileal arteries and veins
- 20 Posterior perirenal space
- 21 Anterior pararenal space
- 22 Posterior pararenal space
- 23 Anterior renal fascia
- 24 Left renal artery and vein
- 25 Rectus abdominis muscle
- 26 Quadratus lumborum muscle

- 27 Psoas muscle
- 28 Erector spinae muscle (lateral tract)
- 29 Genitofemoral nerve
- 30 Iliac crest
- 31 Iliacus
- 32 Gluteus medius muscle
- 33 Femoral nerve
- 34 Gluteus maximus muscle
- 35 Inferior epigastric artery and vein
- 36 Superior gluteal artery and vein
- 37 External iliac artery and vein
- 38 Piriformis muscle
- 39 Inguinal canal (spermatic cord)
- 40 Acetabular roof
- 41 Femur (head)
- 42 Inferior gluteal artery, vein, and nerve
- 43 Hip joint (capsule)
- 44 Gemelli and obturator internus muscles
- 45 Pectineus muscle
- 46 Obturator externus muscle



- 1 Heart with epicardial fat
- 2 Rib 8
- 3 Diaphragm
- 4 External, internal, and innermost intercostal muscles
- 5 Rib 8 (costal cartilage)
- 6 Intercostal vein, artery, and nerve
- 7 Liver (left lobe)
- 8 Left lung
- 9 Transverse colon

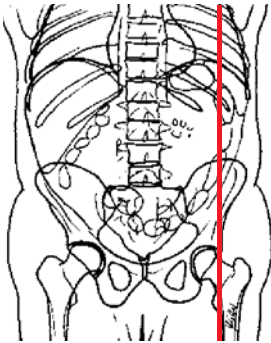


- = Lymph node (see inside back cover)
- = Borders of hepatic segments
- = Peritoneum

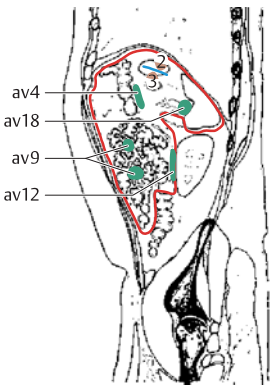
Numbers indicate the hepatic segments (see inside back cover)



- | | | | |
|----|---------------------------------------|----|--|
| 10 | Latissimus dorsi muscle | 30 | Quadratus lumborum muscle |
| 11 | Stomach (fundus) | 31 | Iliacus muscle |
| 12 | Erector spinae muscle (lateral tract) | 32 | Infrarenal retroperitoneal space |
| 13 | Pancreas (tail) | 33 | External oblique muscle |
| 14 | Spleen with splenic artery and vein | 34 | Iliac crest |
| 15 | Middle colic artery and vein | 35 | Inguinal ligament |
| 16 | Costodiaphragmatic recess | 36 | Gluteus medius muscle |
| 17 | Jejunum | 37 | Femoral nerve |
| 18 | Posterior pararenal space | 38 | Gluteus maximus muscle |
| 19 | Rectus abdominis muscle | 39 | Femur (head) |
| 20 | Posterior renal fascia | 40 | Acetabular roof |
| 21 | Jejunum and ileum | 41 | Hip joint (capsule) |
| 22 | Posterior perirenal space | 42 | Inferior gluteal artery, vein, and nerve |
| 23 | Jejunal and ileal arteries and veins | 43 | Femoral artery and vein |
| 24 | Left kidney (renal calyx) | 44 | Gemelli and obturator internus muscles |
| 25 | Anterior renal fascia | 45 | Lateral circumflex femoral artery and vein |
| 26 | Left kidney (renal pyramids) | 46 | Sciatic nerve |
| 27 | Testicular artery | 47 | Pectineus muscle |
| 28 | Left kidney (renal cortex) | 48 | Obturator externus muscle |
| 29 | Descending colon | | |

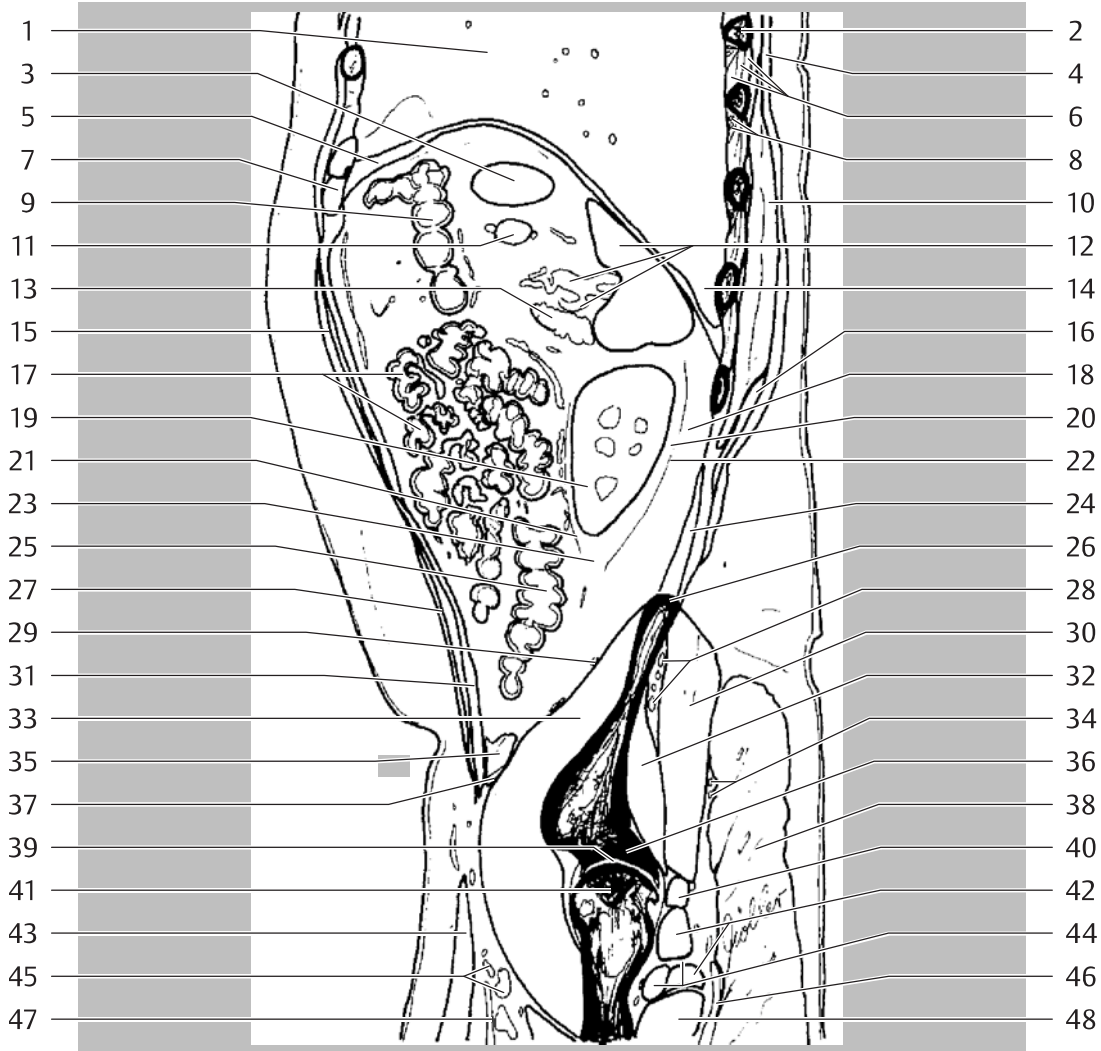


- 1 Left lung
- 2 Rib 8
- 3 Liver (left lobe)
- 4 Latissimus dorsi muscle
- 5 Diaphragm
- 6 External, internal, and innermost intercostal muscles
- 7 Rib 8 (costal cartilage)



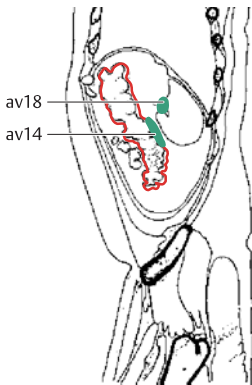
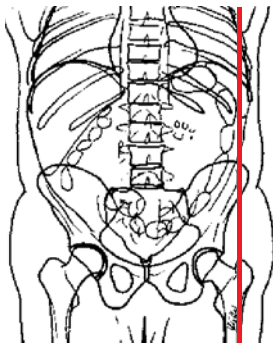
- = Lymph node (see inside back cover)
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- = Peritoneum

Numbers indicate the hepatic segments (see inside back cover)



- 8 Intercostal vein, artery, and nerve
- 9 Colon (left flexure)
- 10 Erector spinae muscle (lateral tract)
- 11 Stomach (fundus)
- 12 Spleen with splenic artery and vein
- 13 Pancreas (tail)
- 14 Costodiaphragmatic recess
- 15 Rectus abdominis muscle
- 16 Serratus posterior inferior muscle
- 17 Jejunum
- 18 Posterior pararenal space
- 19 Left kidney
- 20 Posterior perirenal space
- 21 Anterior renal fascia
- 22 Posterior renal fascia
- 23 Infrarenal retroperitoneal space
- 24 Quadratus lumborum muscle
- 25 Descending colon
- 26 Iliac crest
- 27 External oblique aponeurosis
- 28 Superior gluteal artery and vein (deep branch)

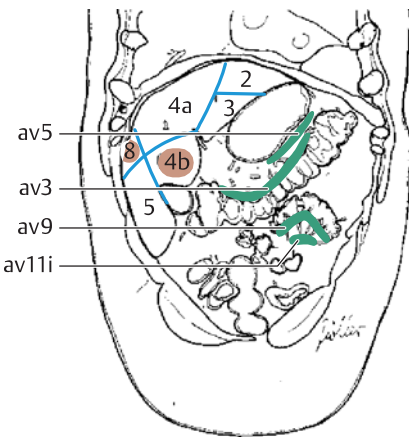
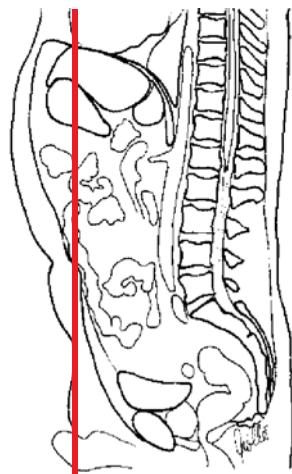
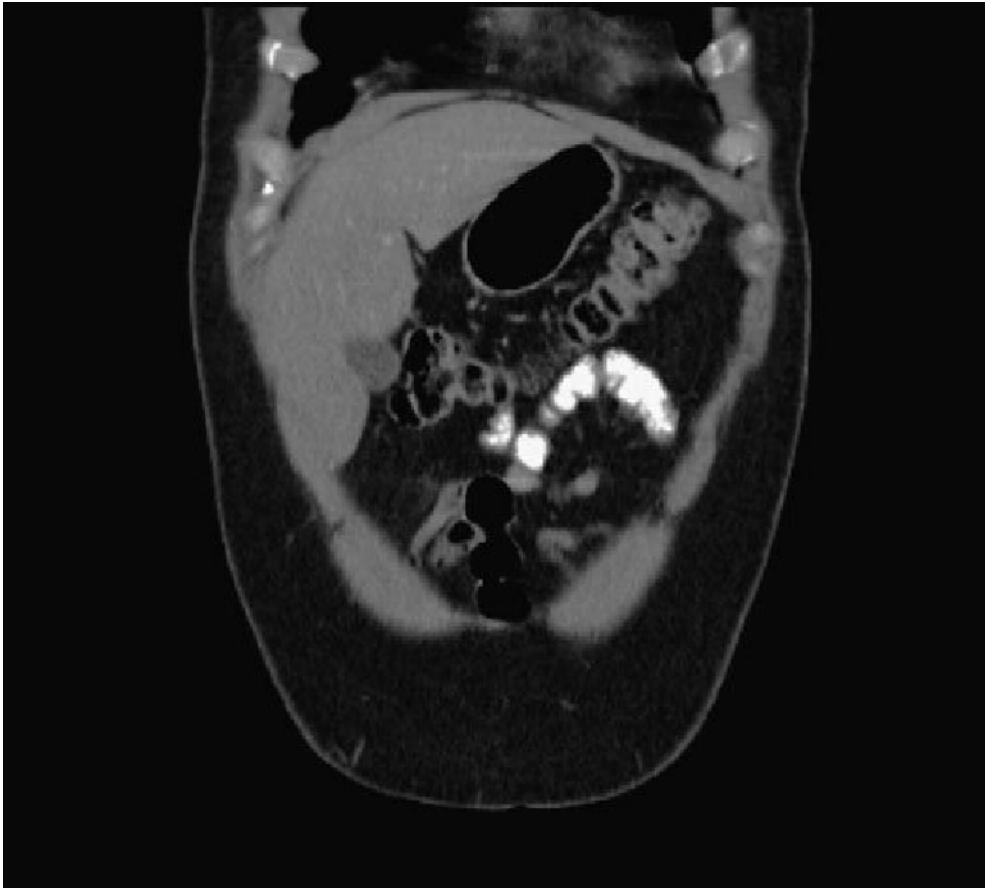
- 29 Lateral femoral cutaneous nerve
- 30 Gluteus medius muscle
- 31 Internal oblique muscle
- 32 Gluteus minimus muscle
- 33 Iliacus muscle
- 34 Superior gluteal artery, vein, and nerve
- 35 Transversus abdominis muscle
- 36 Acetabular roof
- 37 Inguinal ligament
- 38 Gluteus maximus muscle
- 39 Hip joint
- 40 Piriformis muscle
- 41 Femur (head)
- 42 Gemellus superior and inferior muscles
- 43 Sartorius muscle
- 44 Obturator externus and internus muscles
- 45 Lateral circumflex femoral artery and vein
- 46 Sciatic nerve
- 47 Femoral nerve
- 48 Quadratus femoris muscle



● = Lymph node (see inside back cover)
— = Peritoneum

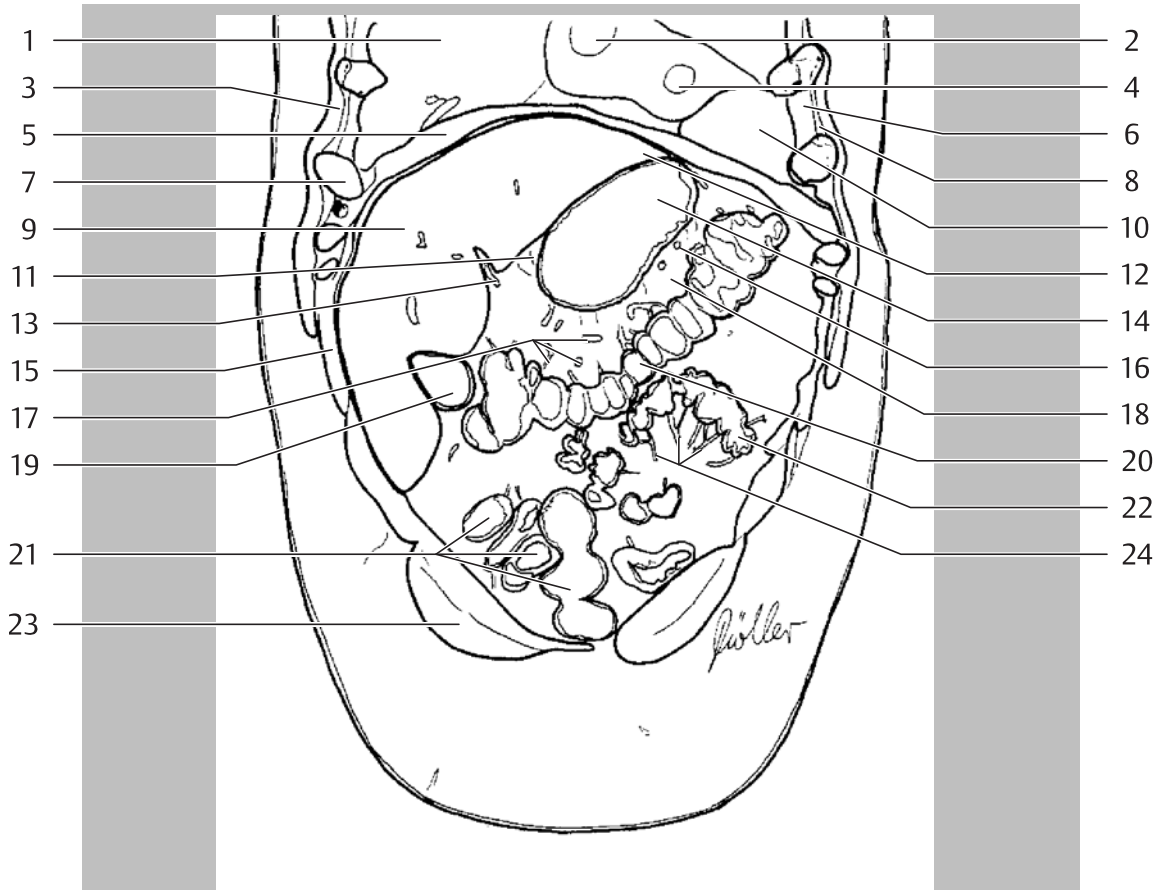


- | | |
|---------------------------------------|--|
| 1 Rib 6 (anterior part) | 21 Inguinal ligament |
| 2 Rib 8 (posterior part) | 22 Gluteus maximus muscle |
| 3 Left lung | 23 Tensor fasciae latae muscle |
| 4 External intercostal muscle | 24 Gluteus minimus muscle |
| 5 Diaphragm | 25 Lateral circumflex femoral artery (and vein), descending branch |
| 6 Innermost intercostal muscle | 26 Obturator internus and gemelli muscles (tendon insertion) |
| 7 Rib 8 (costal cartilage) | 27 Lateral circumflex femoral artery and vein (lateral branch) |
| 8 Intercostal vein, artery, and nerve | 28 Piriformis muscle |
| 9 Descending colon | 29 Sartorius muscle |
| 10 Internal intercostal muscle | 30 Medial circumflex femoral artery and vein |
| 11 Jejunum | 31 Rectus femoris muscle |
| 12 Latissimus dorsi muscle | 32 Greater trochanter |
| 13 External oblique muscle | 33 Perforating vein |
| 14 Costodiaphragmatic recess | 34 Vastus lateralis muscle |
| 15 Internal oblique muscle | 35 Vastus medialis muscle |
| 16 Splenic artery and vein | |
| 17 External oblique muscle | |
| 18 Spleen | |
| 19 Ilium | |
| 20 Gluteus medius muscle | |

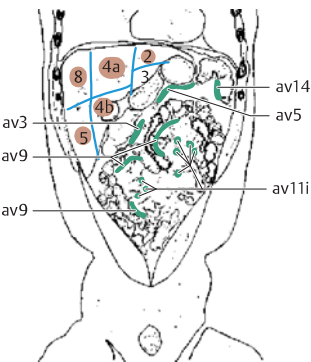
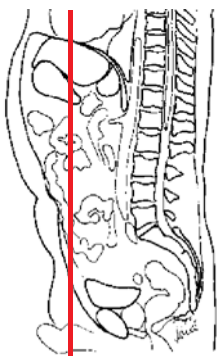


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— = Borders of hepatic segments

Numbers indicate the hepatic segments
(see inside back cover)

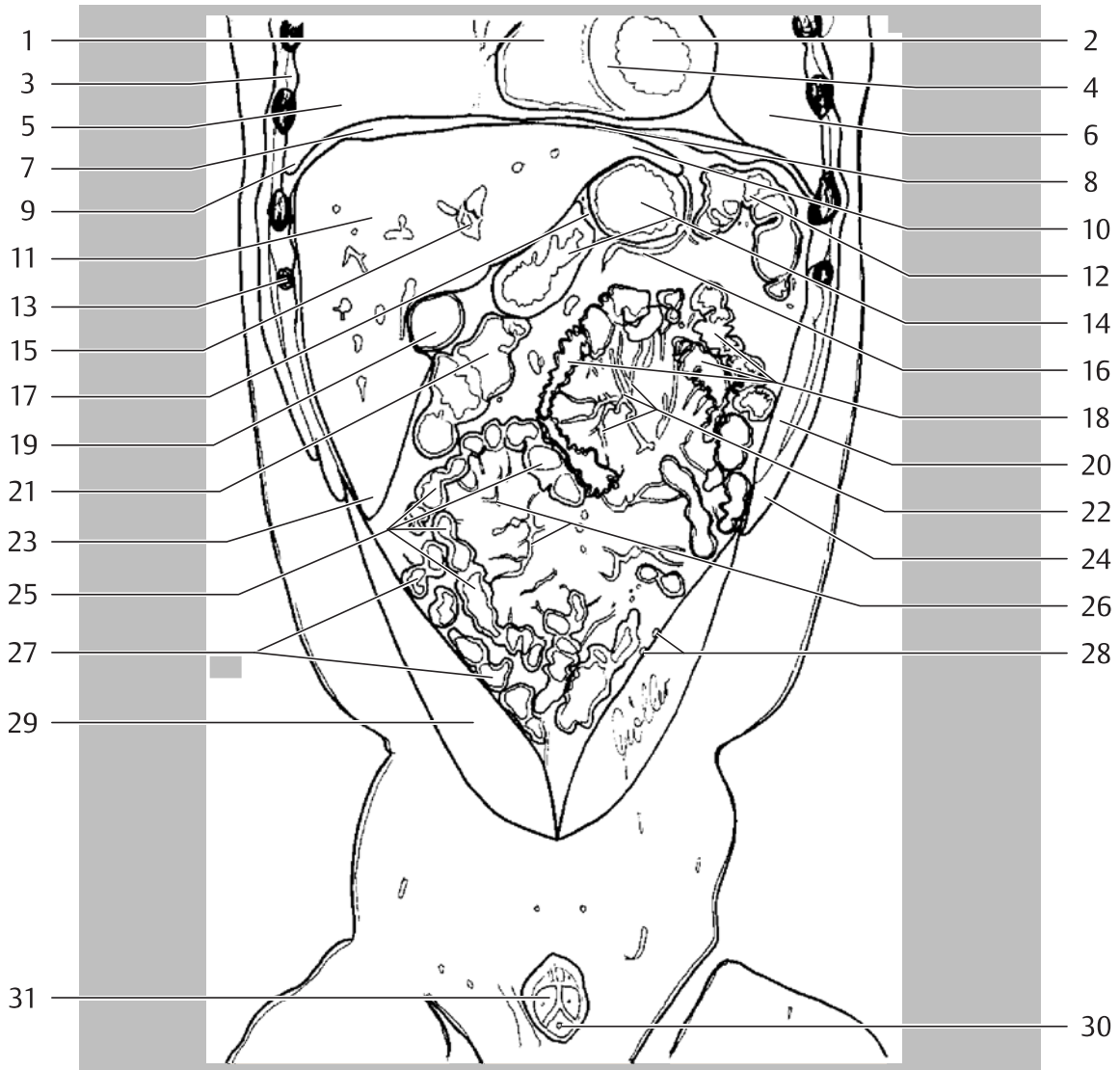


- | | |
|--|--|
| 1 Right lung | 13 Fissure for round ligament of liver |
| 2 Right ventricle | 14 Stomach (body) |
| 3 Serratus anterior muscle | 15 External oblique muscle |
| 4 Heart (apex) | 16 Right gastroepiploic artery |
| 5 Diaphragm | 17 Middle colic artery |
| 6 Internal and innermost intercostal muscles | 18 Greater omentum |
| 7 Rib 7 (costal cartilage) | 19 Gallbladder |
| 8 External intercostal muscle | 20 Transverse colon |
| 9 Liver (right lobe) | 21 Ileum |
| 10 Left lung | 22 Jejunum |
| 11 Lesser omentum | 23 Rectus abdominis muscle |
| 12 Liver (left lobe) | 24 Jejunal arteries and veins |

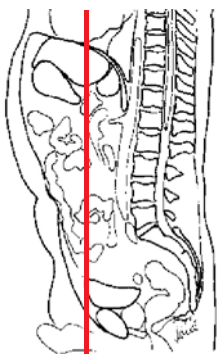


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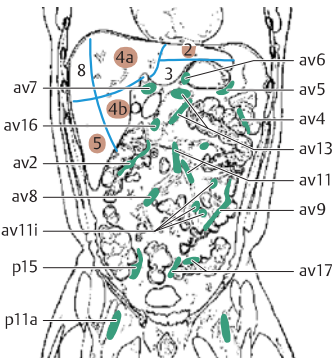
Numbers indicate the hepatic segments
(see inside back cover)



- | | |
|---|--|
| 1 Right ventricle | 16 Right gastroepiploic artery |
| 2 Left ventricle | 17 Omental bursa |
| 3 External and internal intercostal muscles | 18 Jejunum |
| 4 Interventricular septum | 19 Gallbladder |
| 5 Right lung | 20 Internal oblique muscle |
| 6 Left lung | 21 Transverse colon |
| 7 Diaphragm | 22 Jejunal arteries (and veins) |
| 8 Diaphragm (central tendon) | 23 Liver (inferior tip) |
| 9 Costodiaphragmatic recess | 24 External oblique muscle |
| 10 Liver (left lobe) | 25 Ileum |
| 11 Liver (right lobe) | 26 Ileal veins (and arteries) |
| 12 Colon (left flexure) | 27 Ascending colon |
| 13 Rib 9 | 28 Inferior epigastric artery and vein |
| 14 Stomach (body) | 29 Rectus abdominis muscle |
| 15 Left portal vein (branch) | 30 Corpus spongiosum |
| | 31 Corpus cavernosum |

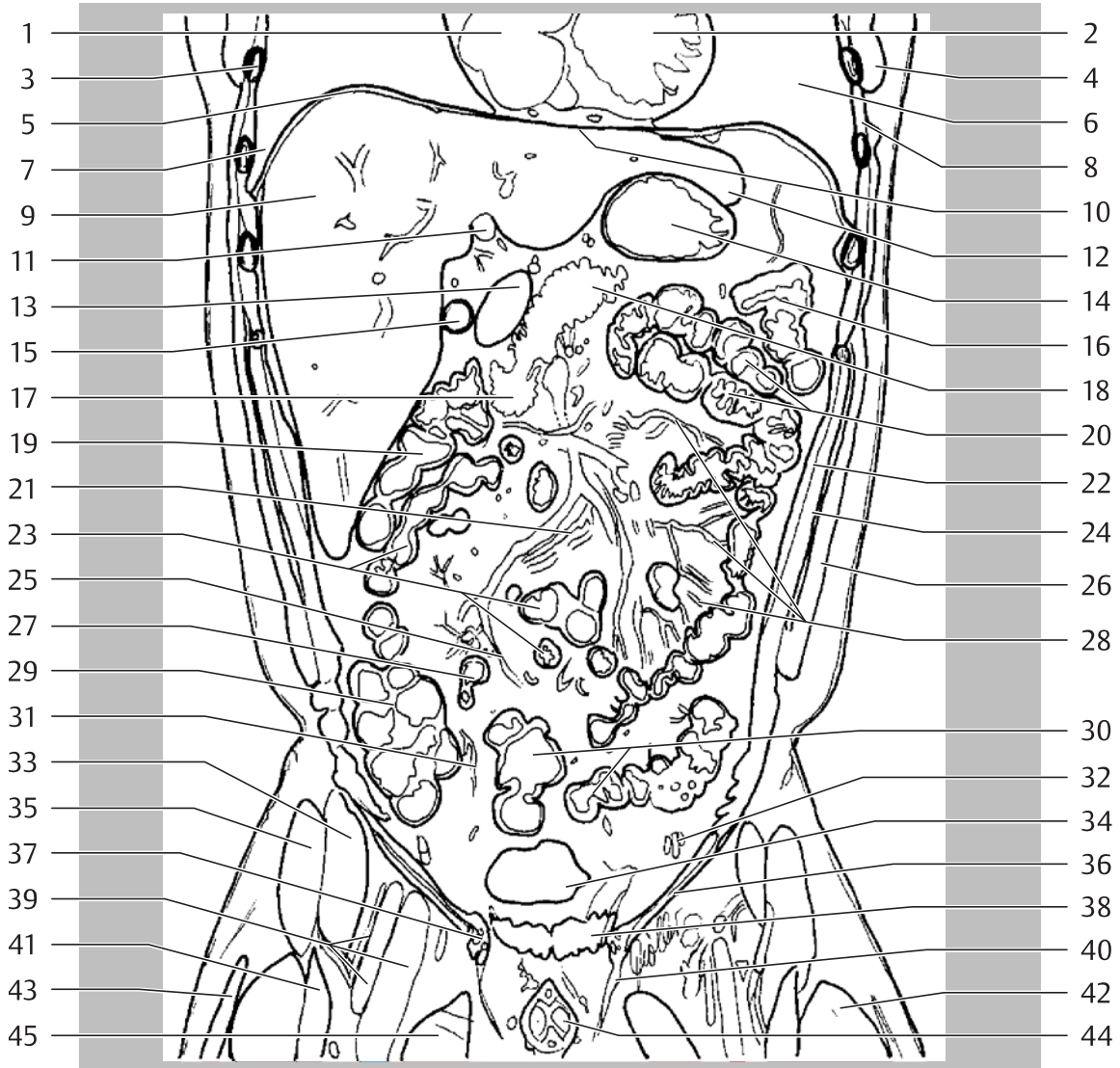


- 1 Right ventricle
- 2 Left ventricle
- 3 Rib 7
- 4 Serratus anterior muscle
- 5 Diaphragm
- 6 Left lung
- 7 Costodiaphragmatic recess

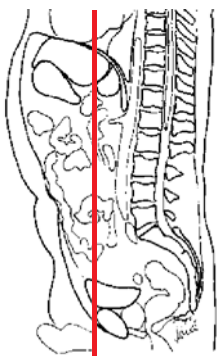


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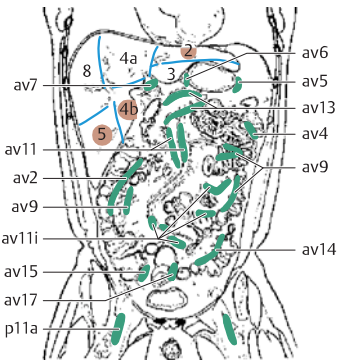
Numbers indicate the hepatic segments (see inside back cover)



- | | | | |
|----|---|----|--|
| 8 | External and internal intercostal muscles | 27 | Terminal ileum |
| 9 | Liver (right lobe) | 28 | Jejunal and ileal arteries and veins |
| 10 | Diaphragm (central tendon) | 29 | Caecum |
| 11 | Left portal vein | 30 | Sigmoid colon |
| 12 | Liver (left lobe) | 31 | Appendicular artery |
| 13 | Stomach (antrum) | 32 | Inferior epigastric artery and vein |
| 14 | Stomach (body) | 33 | Iliopsoas muscle |
| 15 | Gallbladder | 34 | Urinary bladder |
| 16 | Colon (left flexure) | 35 | Sartorius muscle |
| 17 | Pancreas (head) | 36 | Inguinal ligament |
| 18 | Pancreas (body) | 37 | External inguinal ring with spermatic cord |
| 19 | Ascending colon | 38 | Rectus abdominis muscle |
| 20 | Jejunum | 39 | Femoral artery, vein, and nerve |
| 21 | Ileocolic artery | 40 | Spermatic cord |
| 22 | Transversus abdominis muscle | 41 | Rectus femoris muscle |
| 23 | Ileum | 42 | Vastus lateralis muscle |
| 24 | Internal oblique muscle | 43 | Tensor fasciae latae muscle |
| 25 | Ileal arteries (and veins) | 44 | Corpus cavernosum |
| 26 | External oblique muscle | 45 | Adductor longus muscle |

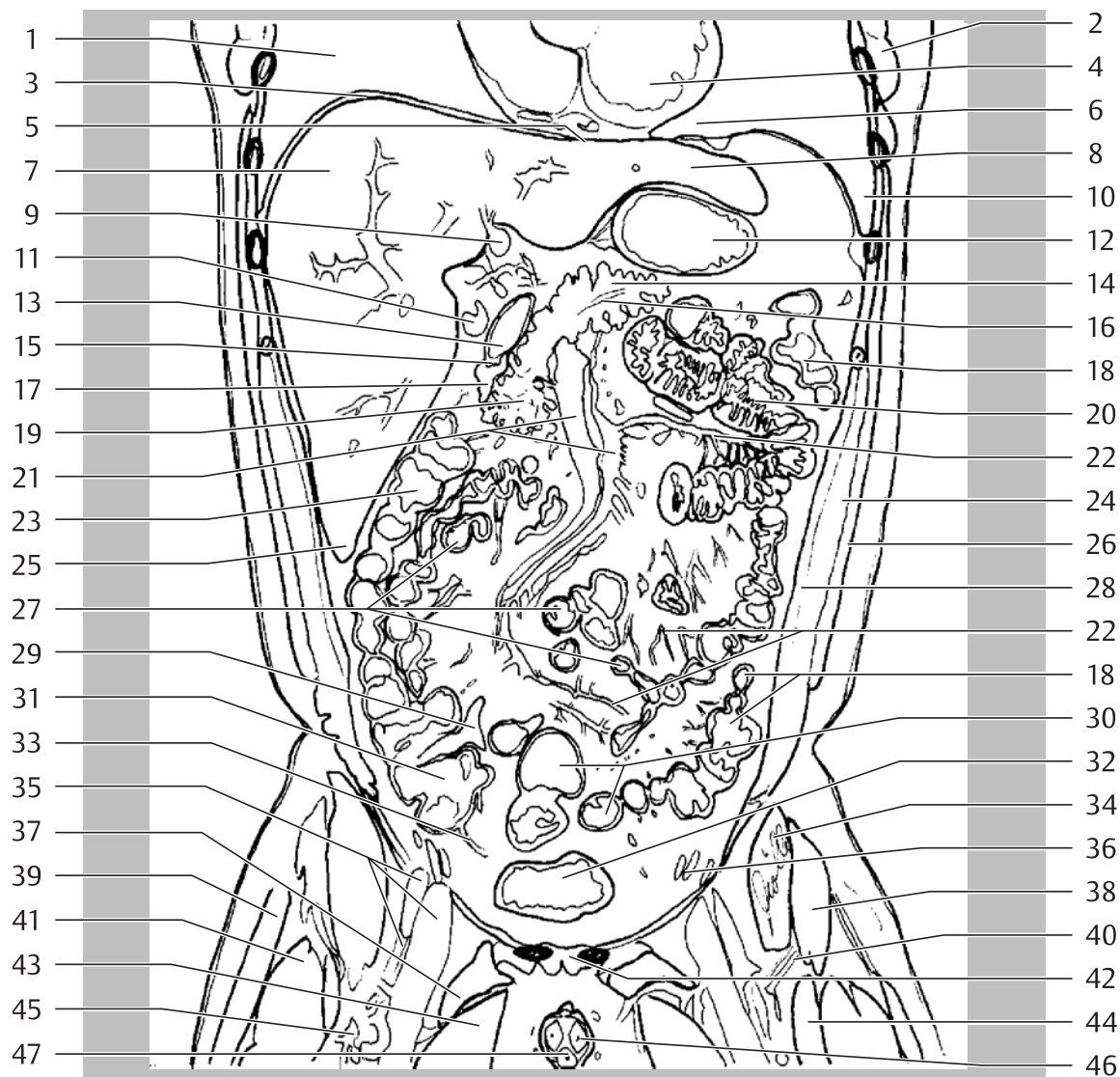


- 1 Right lung
- 2 Serratus anterior muscle
- 3 Diaphragm
- 4 Left ventricle
- 5 Diaphragm (central tendon)
- 6 Costomediastinal recess
- 7 Liver (right lobe)
- 8 Liver (left lobe)
- 9 Left portal vein

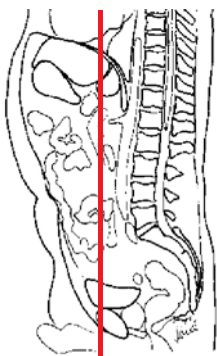


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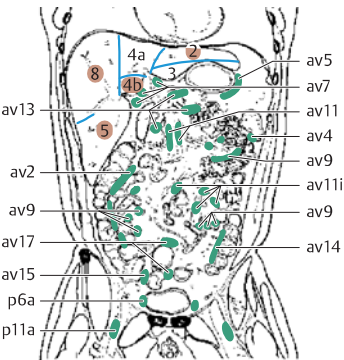
Numbers indicate the hepatic segments
(see inside back cover)



- | | | | |
|----|--------------------------------------|----|--|
| 10 | Costodiaphragmatic recess | 30 | Sigmoid colon |
| 11 | Gallbladder | 31 | Caecum |
| 12 | Stomach (body) | 32 | Urinary bladder |
| 13 | Stomach (pylorus) | 33 | Appendix |
| 14 | Pancreas (body) | 34 | Iliopsoas muscle |
| 15 | Stomach (antrum) | 35 | Femoral artery, vein, and nerve |
| 16 | Pancreatic duct | 36 | Inferior epigastric artery and vein |
| 17 | Duodenum (bulb) | 37 | Pectineus muscle |
| 18 | Descending colon | 38 | Sartorius muscle |
| 19 | Pancreas (head) | 39 | Tensor fasciae latae muscle |
| 20 | Jejunum | 40 | Lateral circumflex femoral artery and vein |
| 21 | Superior mesenteric artery and vein | 41 | Vastus lateralis muscle |
| 22 | Jejunal and ileal arteries and veins | 42 | Pubis and pubic symphysis |
| 23 | Ascending colon | 43 | Adductor longus muscle |
| 24 | Internal oblique muscle | 44 | Rectus femoris muscle |
| 25 | Liver (inferior tip) | 45 | Deep artery of thigh (profunda femoris artery) |
| 26 | External oblique muscle | 46 | Corpus cavernosum |
| 27 | Ileum | 47 | Corpus spongiosum |
| 28 | Transversus abdominis muscle | | |
| 29 | Terminal ileum | | |

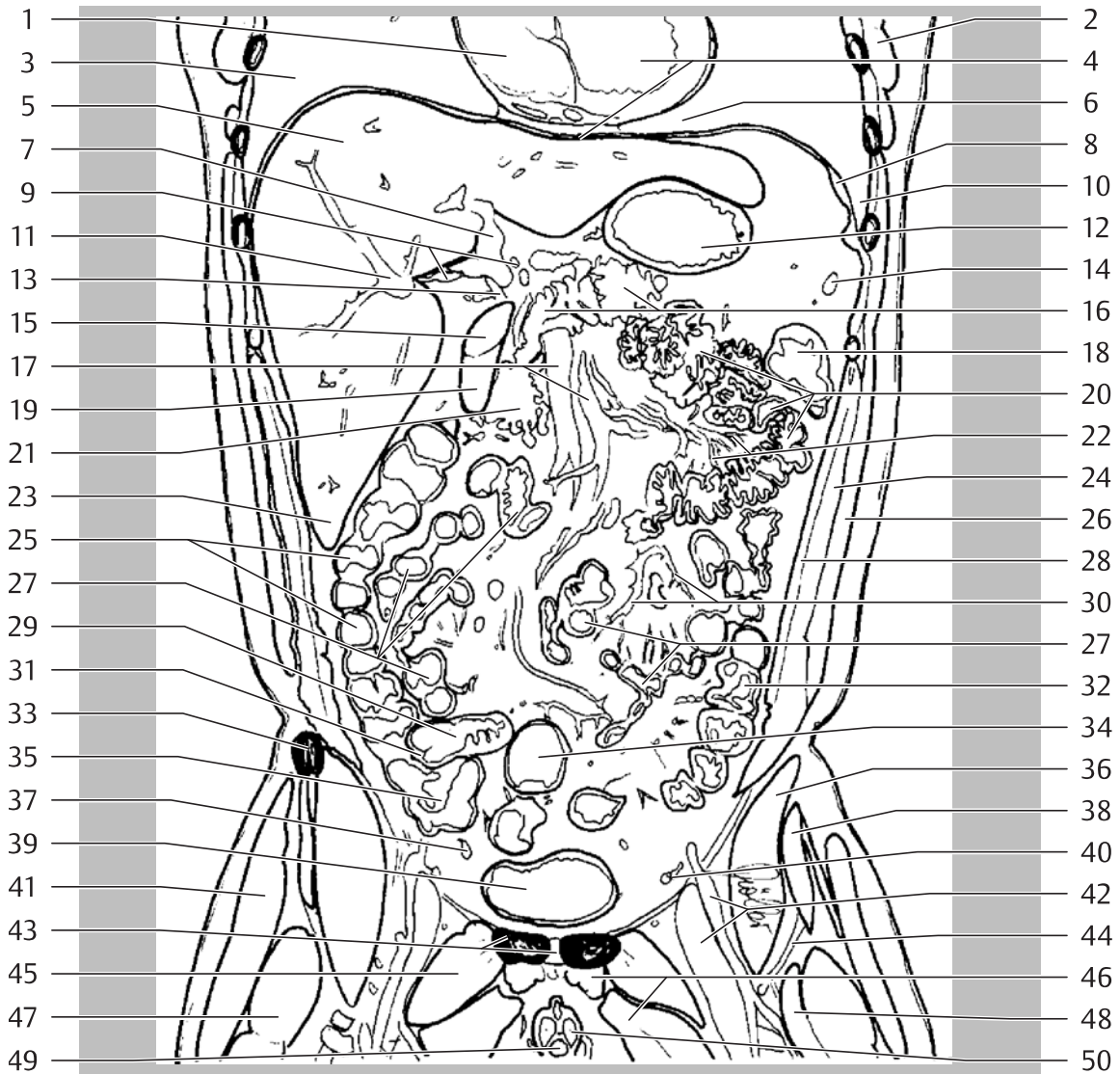


- 1 Heart (right ventricle)
- 2 Serratus anterior muscle
- 3 Right lung
- 4 Left ventricle and central tendon of diaphragm
- 5 Liver (right lobe)
- 6 Costomediastinal recess
- 7 Portal vein
- 8 Diaphragm
- 9 Hepatic artery proper

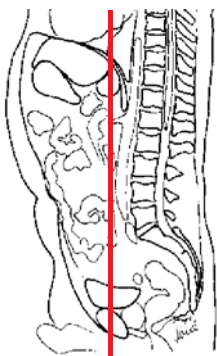


● = Lymph node (see inside back cover)
— = Borders of hepatic segments

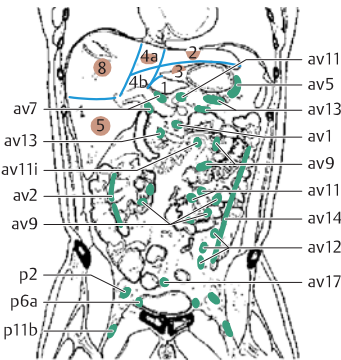
Numbers indicate the hepatic segments (see inside back cover)



- | | | | |
|----|--------------------------------------|----|--|
| 10 | Costodiaphragmatic recess | 31 | Ileocaecal valve |
| 11 | Left portal vein | 32 | Descending colon |
| 12 | Stomach (body) | 33 | Anterior superior iliac spine |
| 13 | Common bile duct | 34 | Sigmoid colon |
| 14 | Spleen | 35 | Caecum |
| 15 | Stomach (pylorus) | 36 | Iliopsoas muscle |
| 16 | Body of pancreas and pancreatic duct | 37 | Appendix |
| 17 | Superior mesenteric artery and vein | 38 | Sartorius muscle |
| 18 | Descending colon | 39 | Urinary bladder |
| 19 | Duodenum (bulb) | 40 | Inferior epigastric artery and vein |
| 20 | Jejunum | 41 | Tensor fasciae latae muscle |
| 21 | Pancreas (head) | 42 | Femoral artery and vein |
| 22 | Jejunal arteries (arcades) | 43 | Pubis and pubic symphysis |
| 23 | Liver (inferior tip) | 44 | Lateral circumflex femoral artery and vein |
| 24 | Internal oblique muscle | 45 | Pectineus muscle |
| 25 | Ascending colon | 46 | Adductor longus muscle |
| 26 | External oblique muscle | 47 | Vastus lateralis muscle |
| 27 | Ileum | 48 | Rectus femoris muscle |
| 28 | Transversus abdominis muscle | 49 | Corpus spongiosum |
| 29 | Terminal ileum | 50 | Corpus cavernosum |
| 30 | Ileal arteries (arcades) | | |

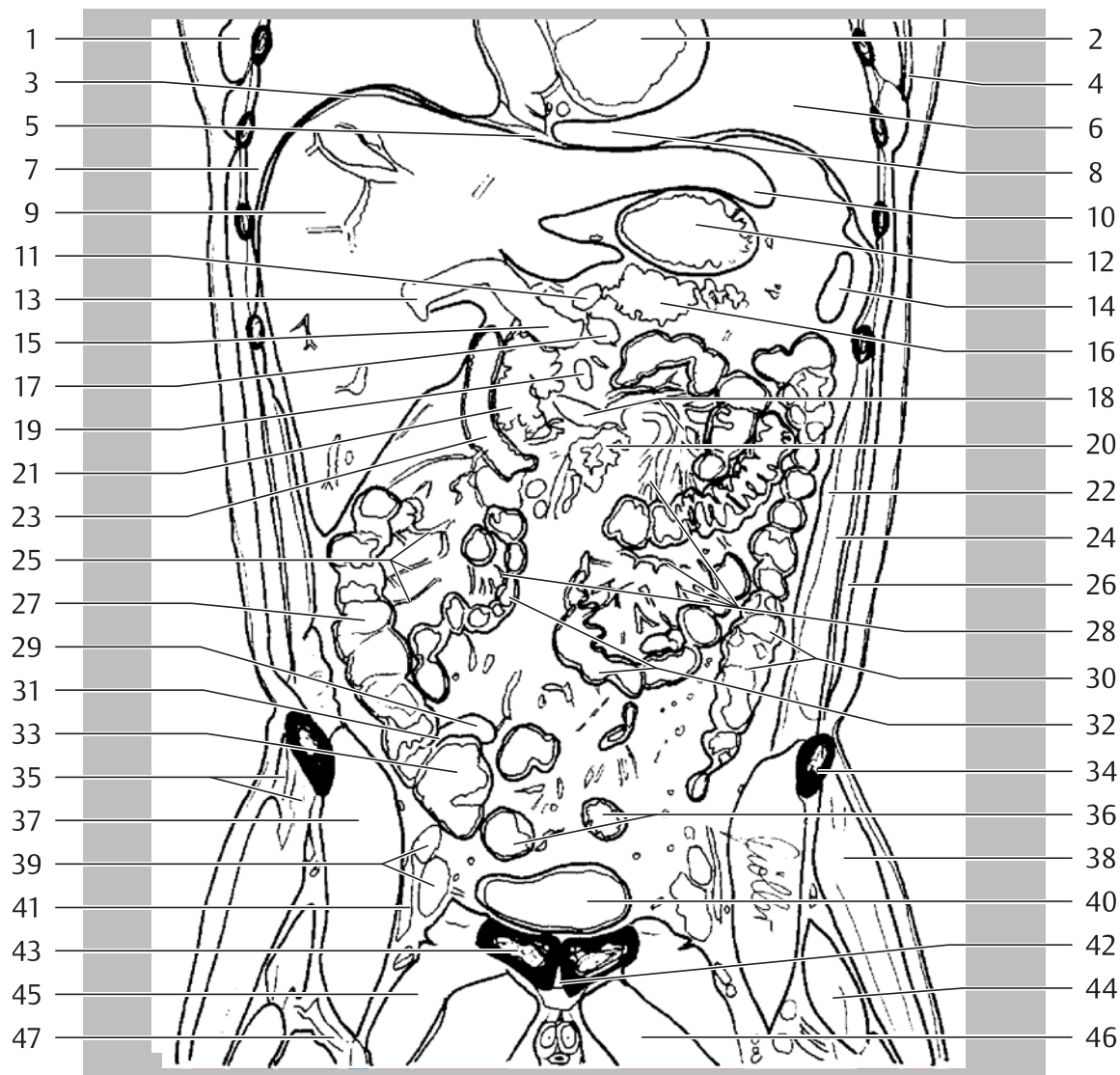


- 1 Serratus anterior muscle
- 2 Heart (left ventricle)
- 3 Diaphragm
- 4 Latissimus dorsi muscle
- 5 Diaphragm (central tendon)
- 6 Left lung
- 7 Costodiaphragmatic recess
- 8 Costomediastinal recess

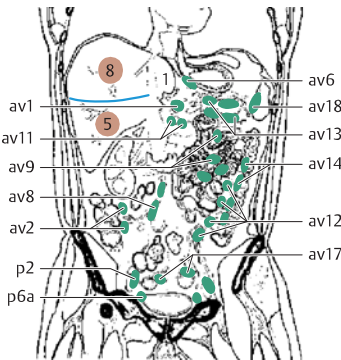
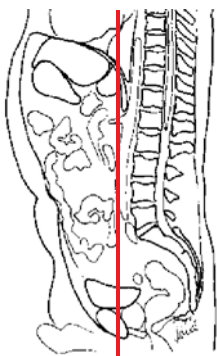


- = Lymph node (see inside back cover)
- = Borders of hepatic segments

Numbers indicate the hepatic segments (see inside back cover)



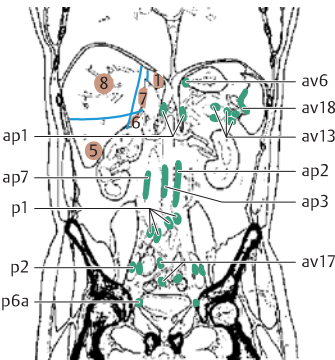
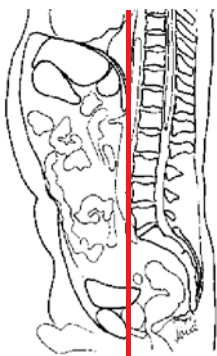
- | | |
|--|---|
| 9 Liver (right lobe) | 29 Terminal ileum |
| 10 Liver (left lobe) | 30 Descending colon |
| 11 Coeliac trunk | 31 Ileocecal valve |
| 12 Stomach (body) | 32 Ileum |
| 13 Right pulmonary vein | 33 Caecum |
| 14 Spleen | 34 Anterior superior iliac spine |
| 15 Portal vein | 35 Gluteus medius muscle |
| 16 Pancreas (body) | 36 Sigmoid colon |
| 17 Splenic vein | 37 Iliopsoas muscle |
| 18 Jejunal veins | 38 Tensor fasciae latae muscle |
| 19 Superior mesenteric artery and vein | 39 External iliac artery and vein |
| 20 Duodenum (horizontal part) | 40 Urinary bladder |
| 21 Pancreas (head) | 41 Femoral nerve |
| 22 Transversus abdominis muscle | 42 Pubic symphysis |
| 23 Duodenum (descending part and "C" loop) | 43 Pubis |
| 24 Internal oblique muscle | 44 Vastus lateralis muscle |
| 25 Right colic artery and vein | 45 Pectineus muscle |
| 26 External oblique muscle | 46 Adductor longus muscle |
| 27 Ascending colon | 47 Deep artery of thigh (profunda femoris artery) |
| 28 Jejunal and ileal arteries and veins | |



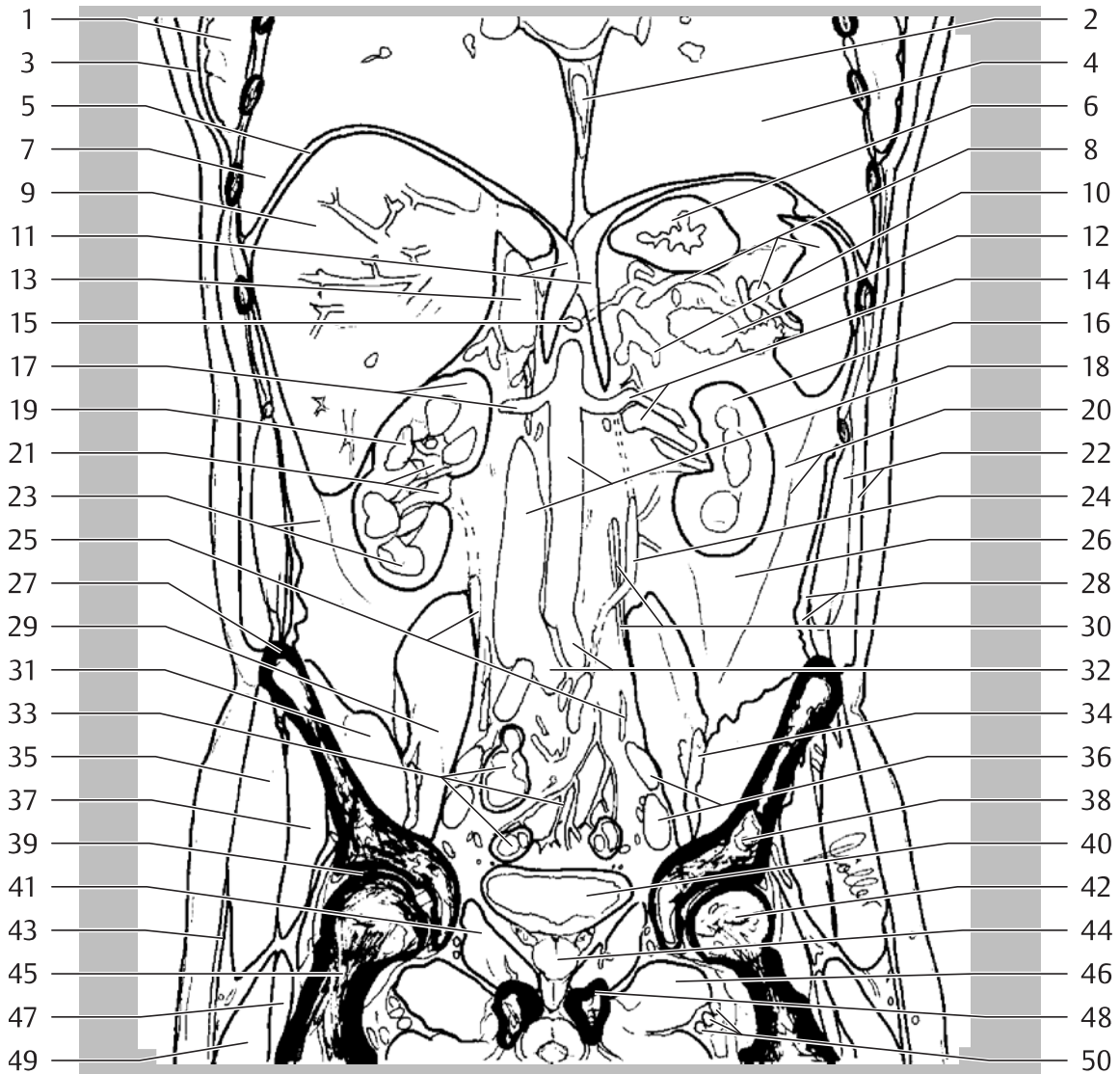
- 1 Right lung
- 2 Serratus anterior muscle
- 3 Diaphragm
- 4 Costomediastinal recess
- 5 Right atrium
- 6 Oesophagus
- 7 Costodiaphragmatic recess
- 8 Liver (left lobe)
- 9 Diaphragm (lumbar part)
- 10 Gastroesophageal junction
- 11 Liver (caudate lobe)
- 12 Stomach (cardia)
- 13 Liver (right lobe)
- 14 Splenic artery and vein
- 15 Coeliac trunk
- 16 Spleen
- 17 Superior mesenteric artery and vein ►



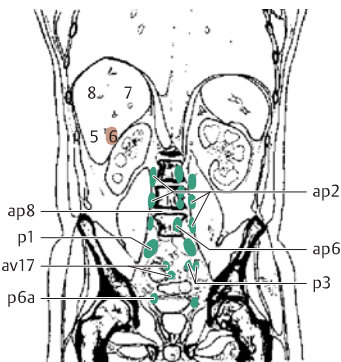
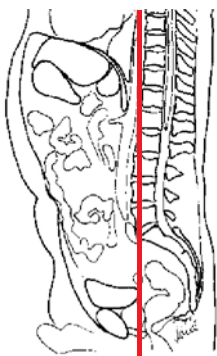
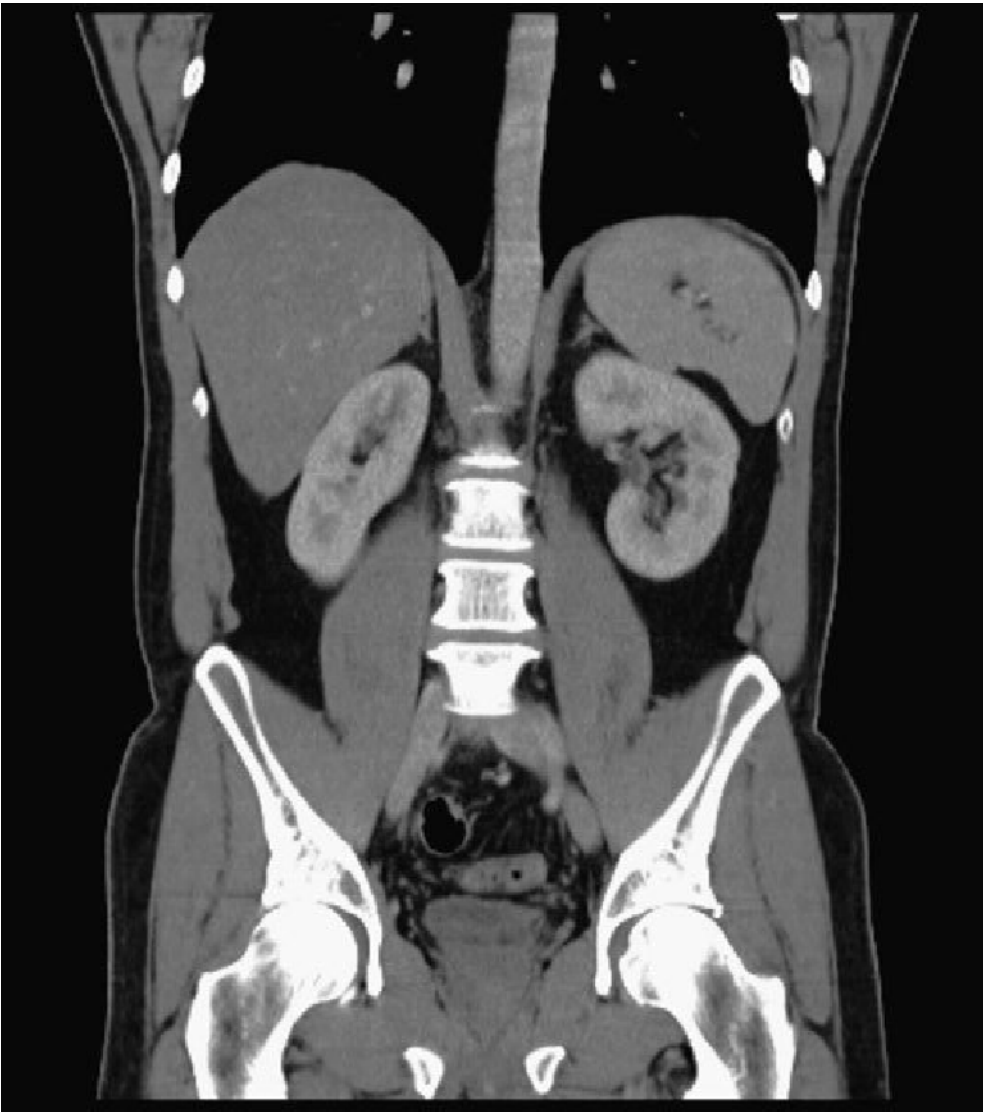
- | | | | |
|----|-------------------------------|----|---|
| 18 | Pancreas (tail) | 36 | Sigmoid colon with sigmoid arteries and veins |
| 19 | Right suprarenal gland | 37 | Iliacus muscle |
| 20 | Pancreas (uncinate process) | 38 | Psoas muscle |
| 21 | Inferior vena cava | 39 | External iliac artery and vein |
| 22 | Jejunum | 40 | Urinary bladder |
| 23 | Left renal vein | 41 | Gluteus medius muscle |
| 24 | Descending colon | 42 | Pubis (superior ramus) |
| 25 | Duodenum (horizontal part) | 43 | Femur (head) |
| 26 | Transversus abdominis muscle | 44 | Iliopsoas muscle |
| 27 | Right kidney (renal calyx) | 45 | Medial circumflex femoral artery and vein |
| 28 | Internal oblique muscle | 46 | Tensor fasciae latae muscle |
| 29 | Right kidney (renal cortex) | 47 | Pubic symphysis |
| 30 | External oblique muscle | 48 | Obturator externus muscle |
| 31 | Ascending colon | 49 | Pectineus muscle |
| 32 | Ileocolic artery | 50 | Vastus lateralis muscle |
| 33 | Anterior superior iliac spine | 51 | Adductor brevis muscle |
| 34 | Left colic artery and vein | 52 | Vastus intermedius muscle |
| 35 | Caecum | | |



- 1 Serratus anterior muscle
- 2 Oesophagus
- 3 Latissimus dorsi muscle
- 4 Left lung
- 5 Diaphragm
- 6 Stomach (fundus)
- 7 Costodiaphragmatic recess
- 8 Spleen with splenic artery and vein
- 9 Liver (right lobe)
- 10 Left suprarenal gland
- 11 Diaphragm (lumbar part)
- 12 Pancreas (tail)
- 13 Inferior vena cava
- 14 Left renal vein and artery
- 15 Coeliac trunk
- 16 Left kidney (renal cortex)
- 17 Right kidney, superior pole, and right renal artery
- 18 Abdominal aorta and inferior vena cava ►

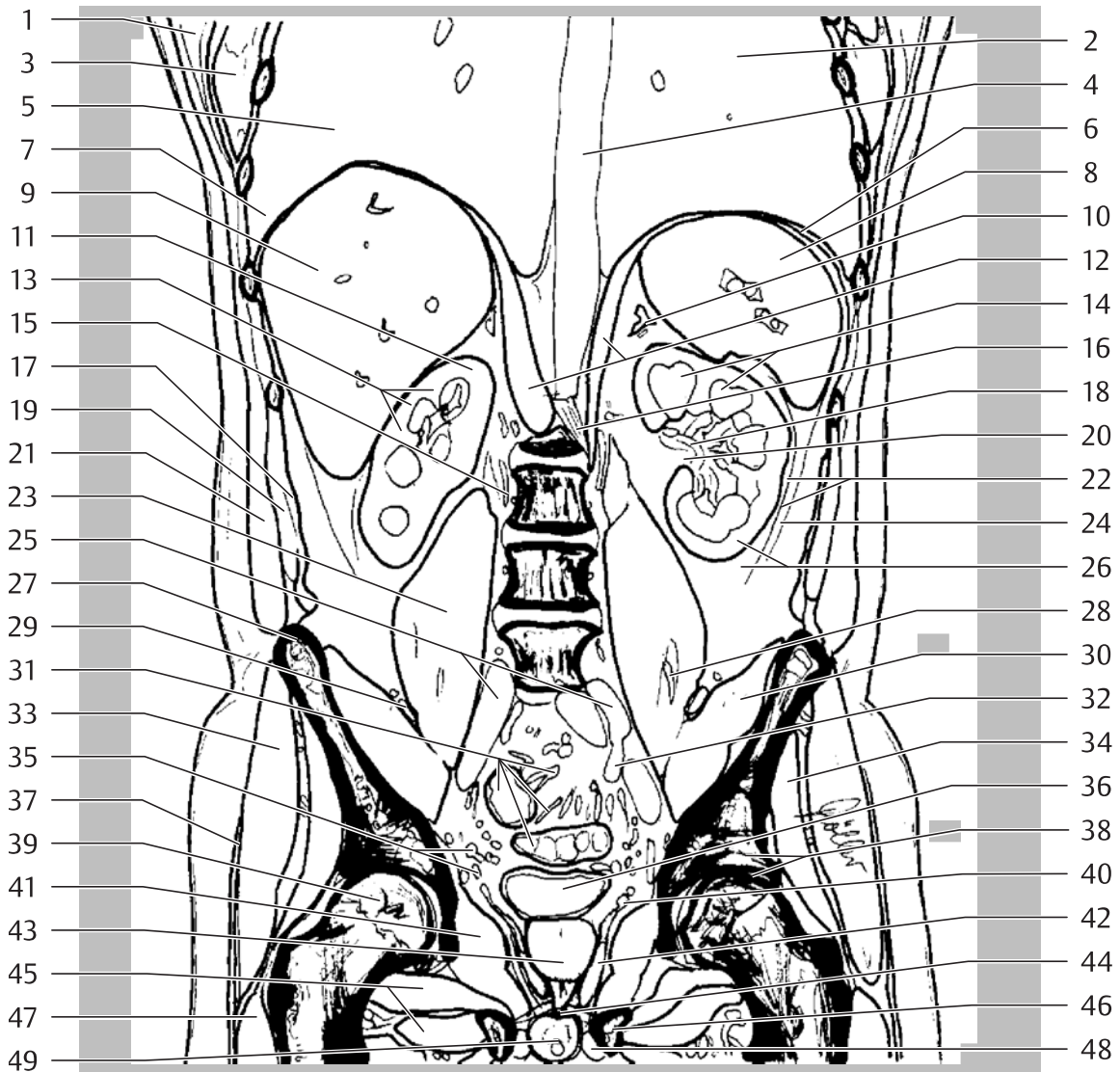


- | | |
|---|--|
| 19 Right kidney (renal calyx) | 34 Femoral nerve |
| 20 Renal fascia and lateral perirenal space (fat capsule) | 35 Gluteus medius muscle |
| 21 Renal pelvis | 36 External iliac artery and vein (left) |
| 22 Internal and external oblique muscles | 37 Gluteus minimus muscle |
| 23 Kidney, superior pole, and lateral pararenal space | 38 Acetabular roof |
| 24 Inferior mesenteric vein | 39 Hip joint |
| 25 Ureter | 40 Urinary bladder |
| 26 Infrarenal space | 41 Obturator internus muscle |
| 27 Anterior superior iliac spine | 42 Femur (head) |
| 28 Transversus abdominis muscle | 43 Iliotibial tract |
| 29 Psoas muscle | 44 Prostate |
| 30 Testicular artery and vein (left) | 45 Femur (neck) |
| 31 Iliacus muscle | 46 Obturator externus muscle |
| 32 Common iliac artery and vein (left) | 47 Vastus intermedius muscle |
| 33 Sigmoid colon and sigmoid arteries (and veins) | 48 Pubis (ramus) |
| | 49 Vastus lateralis muscle |
| | 50 Medial circumflex femoral artery and vein |



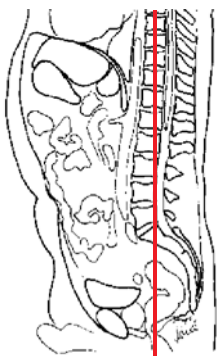
- 1 Latissimus dorsi muscle
- 2 Left lung
- 3 Serratus anterior muscle
- 4 Thoracic aorta (descending)
- 5 Right lung
- 6 Diaphragm
- 7 Costodiaphragmatic recess
- 8 Spleen
- 9 Liver (right lobe)
- 10 Left suprarenal gland
- 11 Right kidney (superior pole)
- 12 Diaphragm (lumbar part)
- 13 Right kidney (renal cortex)
- 14 Left kidney (renal calyx)
- 15 Cisterna chyli
- 16 Medial arcuate ligament
- 17 Transversus abdominis muscle



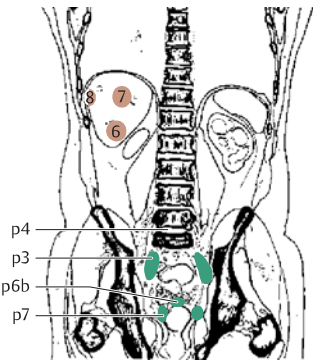


- 18 Left renal artery
- 19 Internal oblique muscle
- 20 Renal pelvis (renal hilum)
- 21 External oblique muscle
- 22 Renal fascia and lateral perirenal space (fat capsule)
- 23 Psoas muscle
- 24 Lateral pararenal space
- 25 Common iliac artery and vein
- 26 Kidney, inferior pole, and infrarenal space
- 27 Iliac crest
- 28 Lateral genitofemoral nerve
- 29 Femoral nerve
- 30 Iliacus muscle
- 31 Sigmoid colon and sigmoid arteries (and veins)
- 32 Internal iliac artery and vein (left)

- 33 Gluteus medius muscle
- 34 Gluteus minimus muscle
- 35 Obturator artery and vein
- 36 Urinary bladder
- 37 Iliotibial tract
- 38 Hip joint and acetabulum roof
- 39 Femur (head)
- 40 Ejaculatory duct and ductus deferens
- 41 Obturator internus muscle
- 42 Levator ani muscle
- 43 Prostate
- 44 Transversus perinei profundus muscle
- 45 Obturator externus muscle
- 46 Pubis (ramus)
- 47 Vastus lateralis muscle
- 48 Ischiocavernosus muscle
- 49 Corpus spongiosum (bulb)

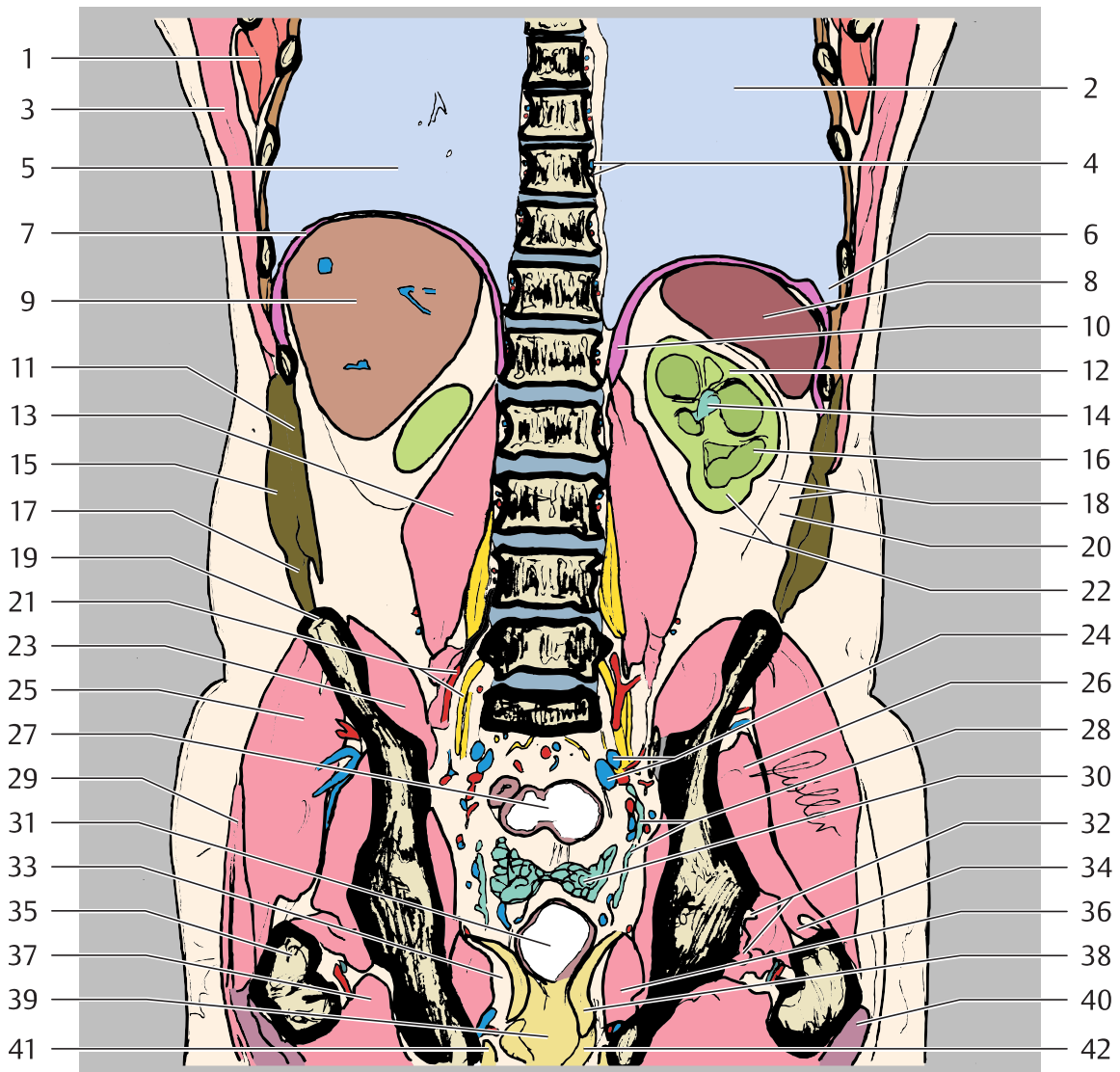


- 1 Serratus anterior muscle
- 2 Left lung
- 3 Latissimus dorsi muscle
- 4 Posterior intercostal artery and vein
- 5 Right lung
- 6 Costodiaphragmatic recess
- 7 Diaphragm

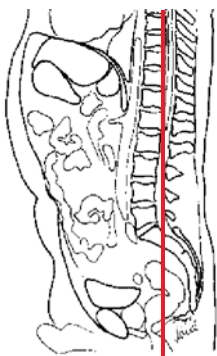
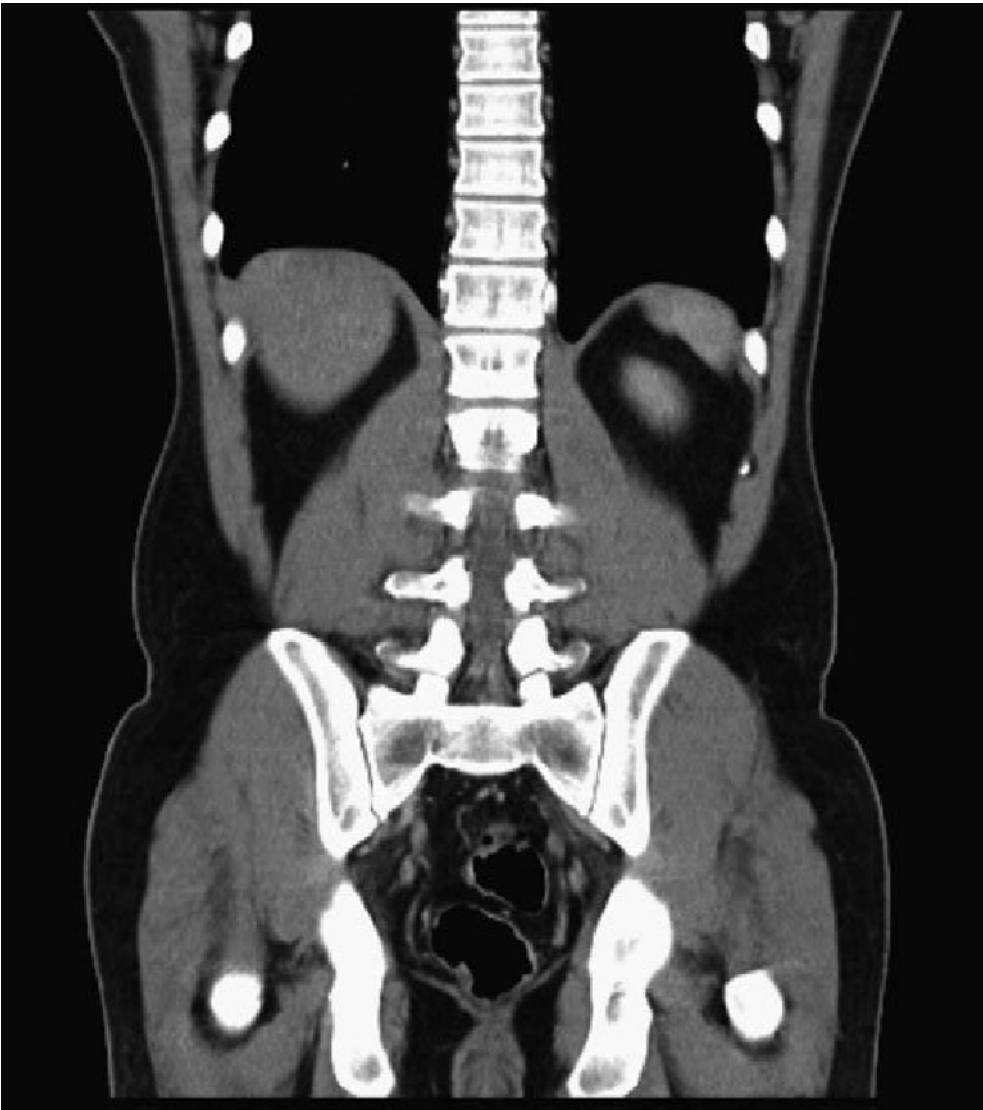


● = Lymph node (see inside back cover)
— = Borders of hepatic segments

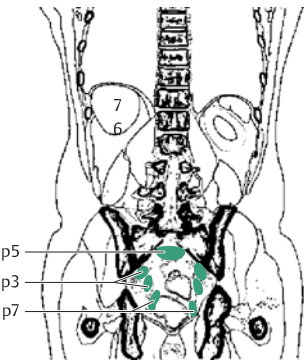
Numbers indicate the hepatic segments (see inside back cover)



- | | |
|---|--|
| 8 Spleen | 25 Gluteus medius muscle |
| 9 Liver (right lobe) | 26 Gluteus minimus muscle |
| 10 Diaphragm (lumbar part, crus) | 27 Rectosigmoid junction |
| 11 Transversus abdominis muscle | 28 Ureter |
| 12 Left kidney (renal cortex) | 29 Gluteus maximus muscle |
| 13 Psoas muscle | 30 Seminal vesicle |
| 14 Left kidney (renal pelvis) | 31 Rectum |
| 15 External oblique muscle | 32 Gemellus superior and inferior muscles |
| 16 Left kidney (renal calyx) | 33 Ischiorectal fossa |
| 17 Internal oblique muscle | 34 Piriformis muscle (tendon) |
| 18 Renal fascia and lateral perirenal space (fat capsule) | 35 Greater trochanter |
| 19 Iliac crest | 36 Obturator internus muscle |
| 20 Lateral pararenal space | 37 Quadratus femoris muscle |
| 21 Sacral plexus | 38 Levator ani muscle |
| 22 Kidney, inferior pole, and infrarenal space | 39 Corpus spongiosum (bulb) |
| 23 Iliacus muscle | 40 Vastus lateralis and vastus intermedius muscles |
| 24 Internal iliac artery and vein (left) | 41 Ischiocavernosus muscle |
| | 42 External anal sphincter |

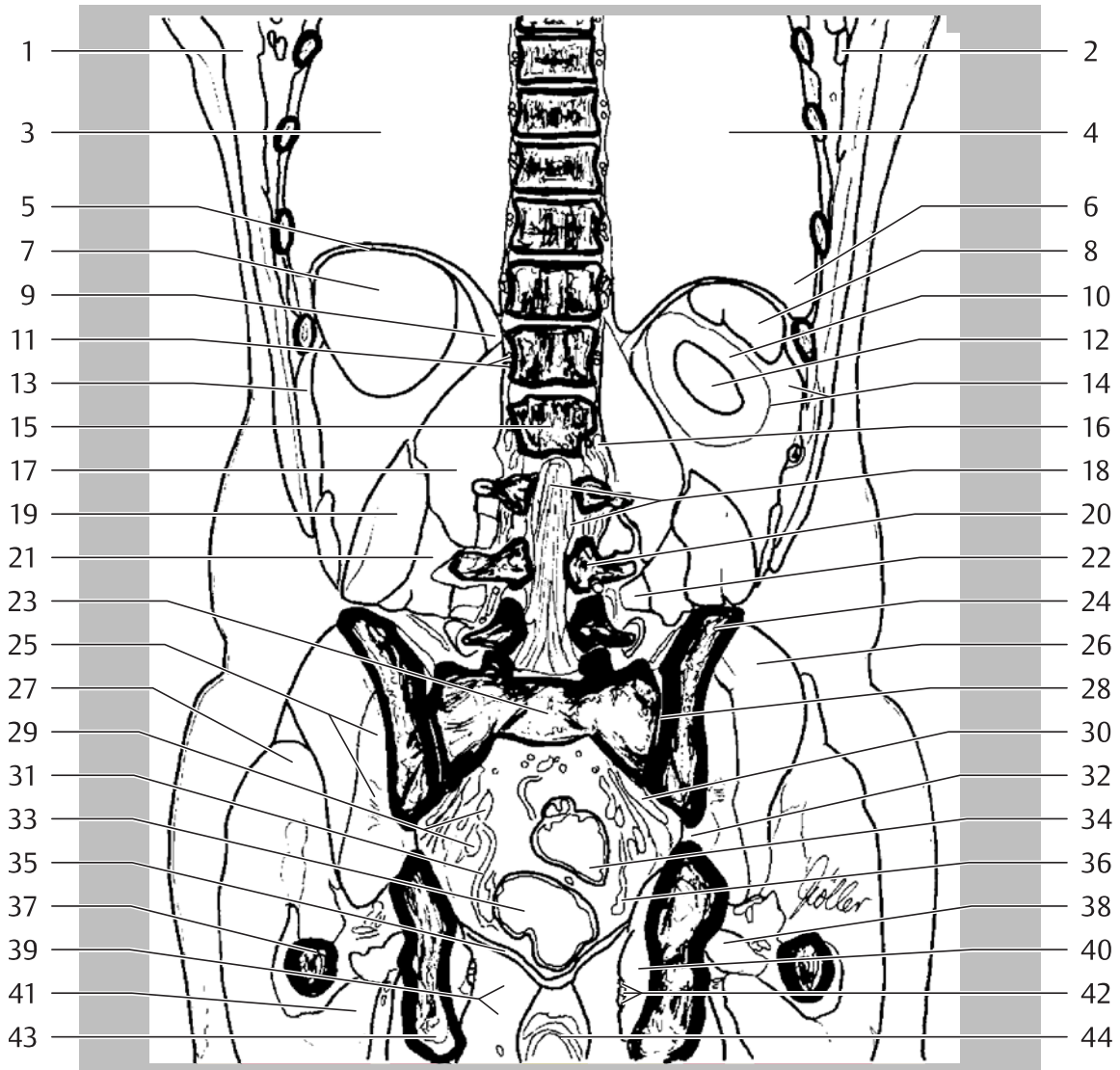


- 1 Latissimus dorsi muscle
- 2 Serratus anterior muscle
- 3 Right lung
- 4 Left lung
- 5 Diaphragm
- 6 Costodiaphragmatic recess
- 7 Liver (right lobe)

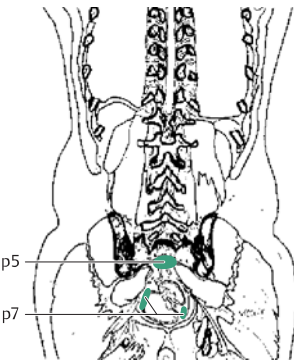
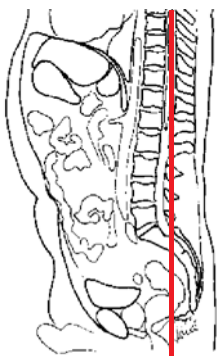


● = Lymph node (see inside back cover)
— = Borders of hepatic segments

Numbers indicate the hepatic segments
(see inside back cover)

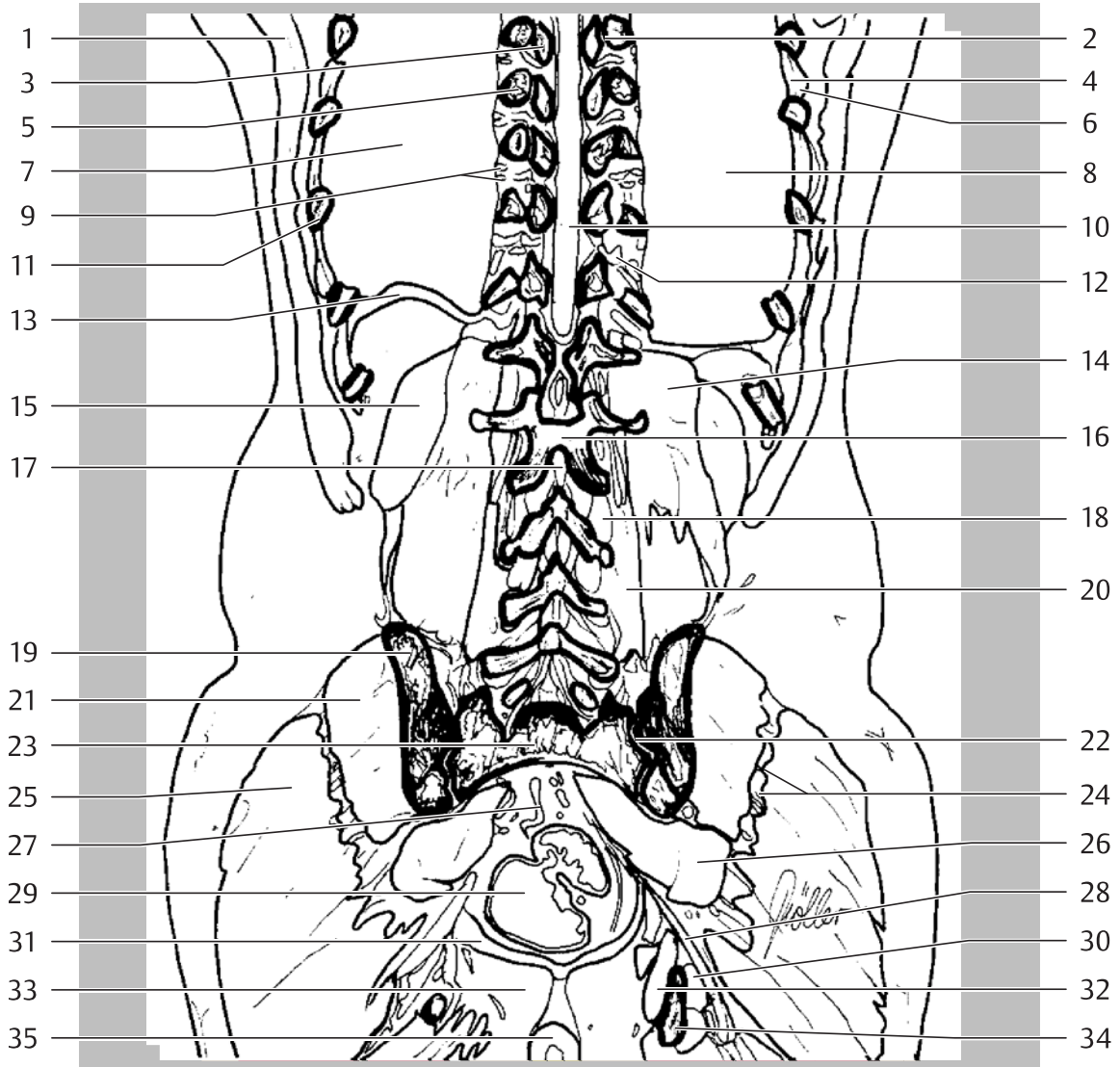


- | | |
|---|---|
| 8 Spleen | 28 Sacroiliac joint |
| 9 Diaphragm (lumbar part) | 29 Right internal iliac artery and vein (anterior branch) |
| 10 Lateral perirenal space (fat capsule) | 30 Left internal iliac artery and vein (posterior branch) |
| 11 Lumbar artery and vein | 31 Right middle rectal artery |
| 12 Left kidney | 32 Greater sciatic foramen |
| 13 Transversus abdominis muscle | 33 Rectum |
| 14 Renal fascia, posterior layer, and lateral pararenal space | 34 Rectosigmoid junction |
| 15 Vertebral body (L1) | 35 Levator ani muscle |
| 16 Spinal ganglion | 36 Left middle rectal vein |
| 17 Psoas minor muscle | 37 Greater trochanter |
| 18 Cauda equina | 38 Gemellus superior and inferior muscles |
| 19 Quadratus lumborum muscle | 39 Ischio-anal fossa |
| 20 Transverse process | 40 Obturator internus muscle |
| 21 Erector spinae muscle (lateral tract) | 41 Quadratus femoris muscle |
| 22 Erector spinae muscle (medial tract) | 42 Pudendal nerve and internal pudendal artery and vein |
| 23 Sacrum | 43 Ischium |
| 24 Ilium | 44 External anal sphincter |
| 25 Gluteus minimus muscle | |
| 26 Gluteus medius muscle | |
| 27 Gluteus maximus muscle | |

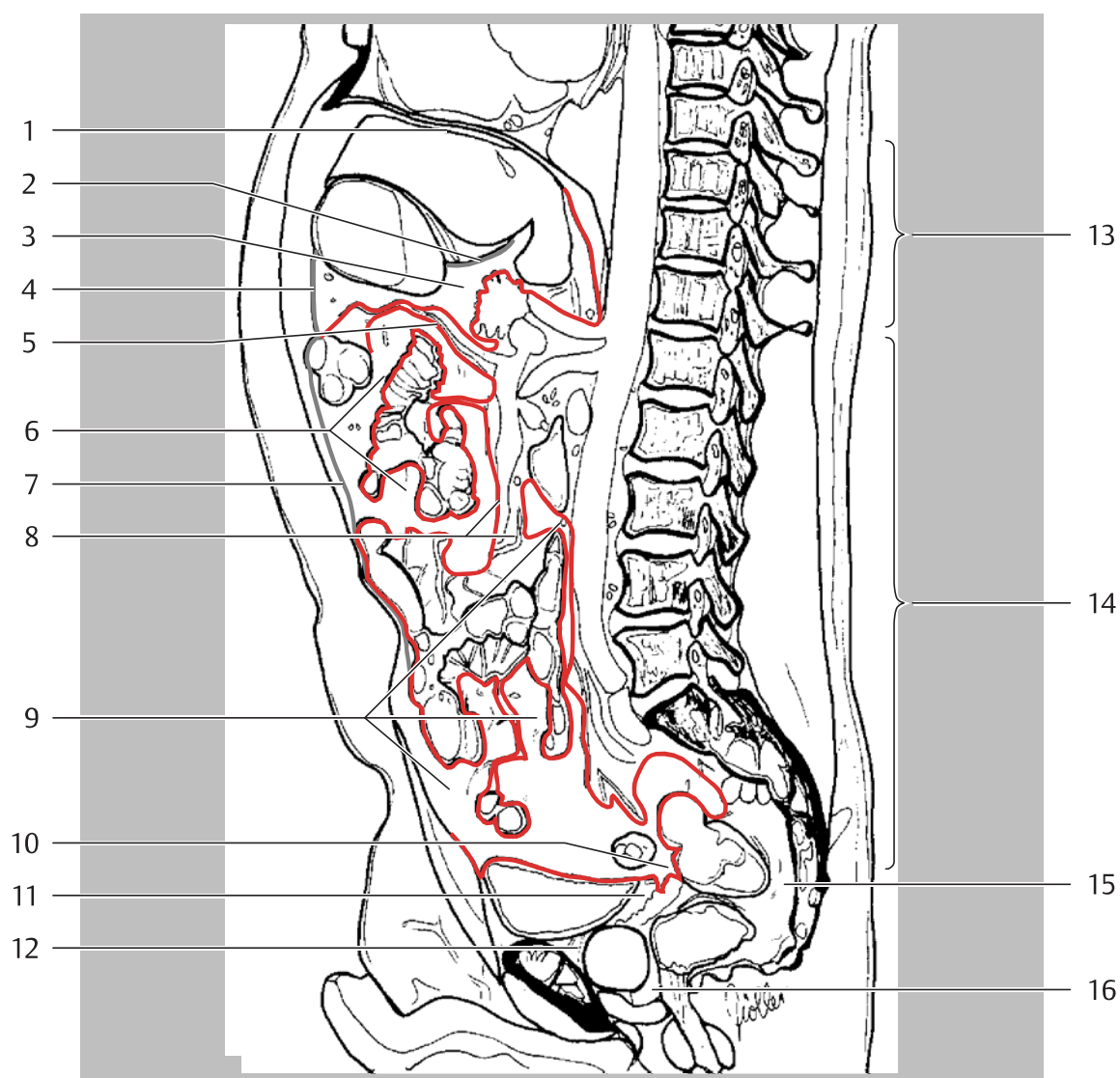


● = Lymph node (see inside back cover)
— = Borders of hepatic segments

Numbers indicate the hepatic segments
(see inside back cover)

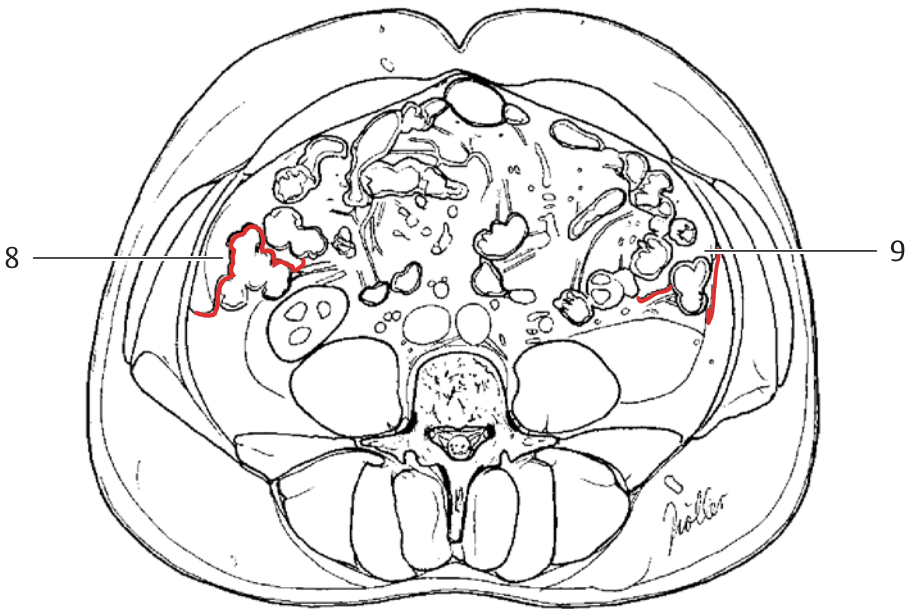
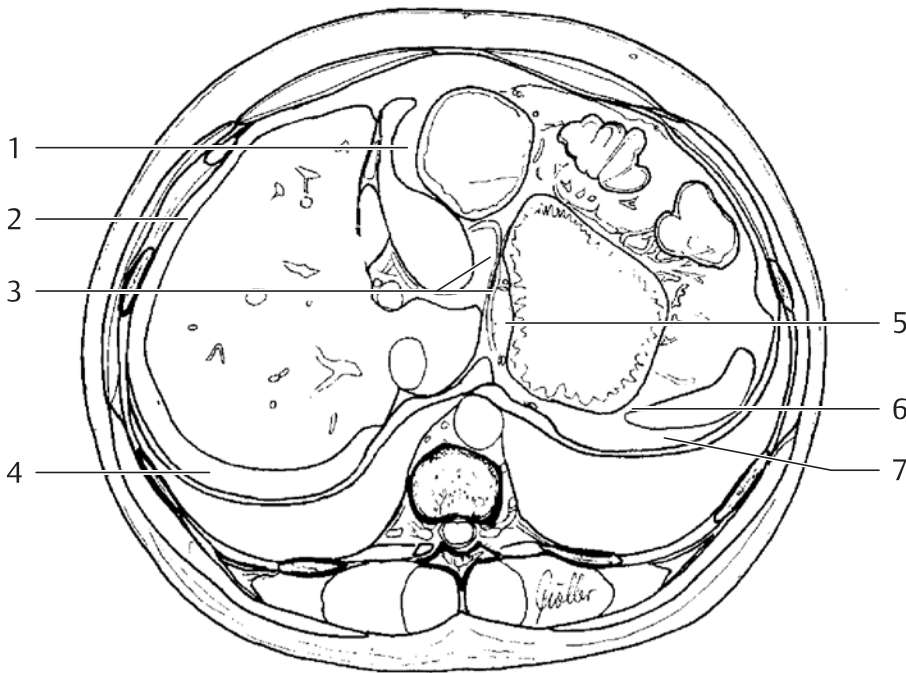


- | | |
|--|---|
| 1 Latissimus dorsi muscle | 18 Transversospinalis muscle (medial part of erector spinae muscle) |
| 2 Joint of head of rib (T8) | 19 Ilium |
| 3 T8 vertebra (posterior arch with inferior costal facet) | 20 Spinalis muscle (medial part of erector spinae muscle) |
| 4 Internal intercostal muscle | 21 Gluteus medius muscle |
| 5 Rib 9 (head) | 22 Sacroiliac joint |
| 6 External intercostal muscle | 23 Sacrum |
| 7 Right lung | 24 Inferior gluteal nerve, artery, and vein |
| 8 Left lung | 25 Gluteus maximus muscle |
| 9 Posterior intercostal artery and vein | 26 Piriformis muscle |
| 10 Spinal cord | 27 Superior rectal artery |
| 11 Rib 10 | 28 Sciatic nerve |
| 12 Spinal ganglion | 29 Rectum |
| 13 Diaphragm | 30 Quadratus femoris muscle |
| 14 Longissimus thoracis muscle and iliocostalis muscle (lateral part of erector spinae muscle) | 31 Levator ani muscle |
| 15 Quadratus lumborum muscle | 32 Obturator internus muscle |
| 16 L2 vertebra (posterior arch) | 33 Ischioanal fossa |
| 17 Interspinous ligament | 34 Ischium |
| | 35 External anal sphincter |

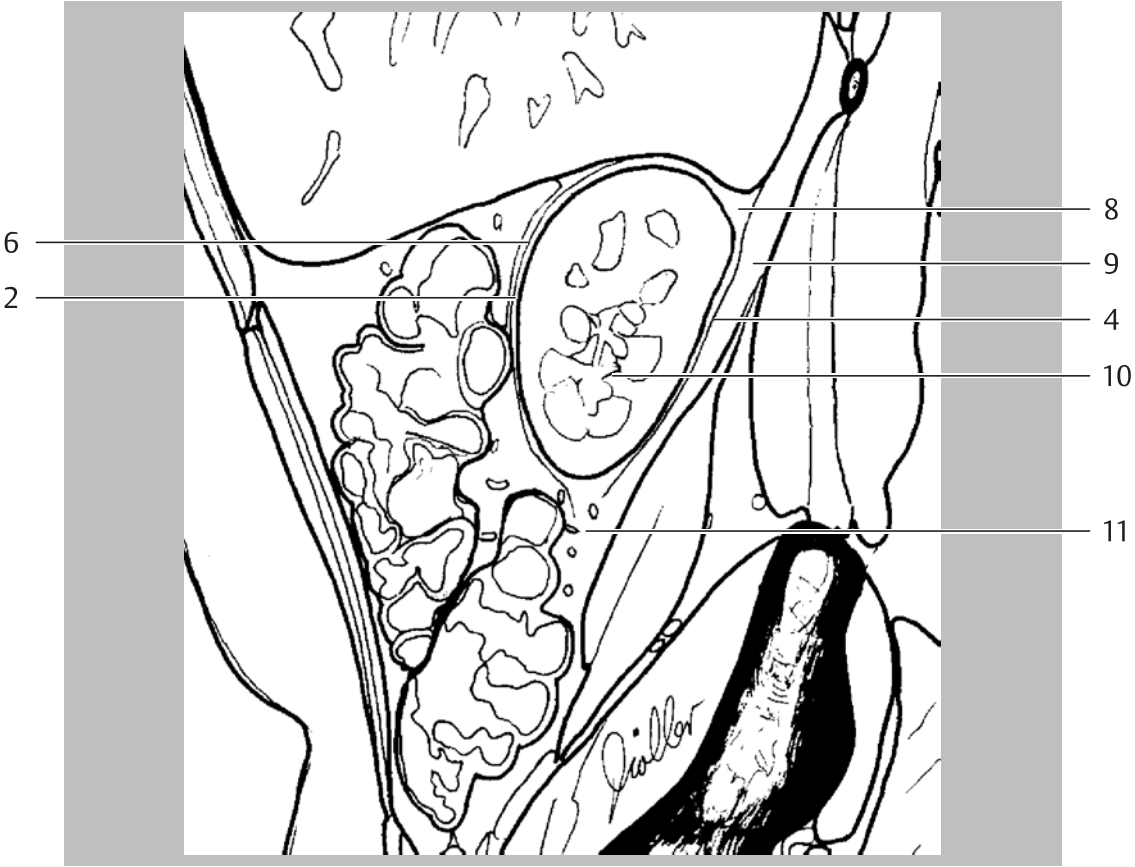


- 1 Subphrenic space
- 2 Hepatogastric ligament (lesser omentum)
- 3 Omental bursa
- 4 Gastrocolic ligament
- 5 Transverse mesocolon
- 6 Supramesenteric peritoneal space
- 7 Greater omentum
- 8 Mesentery

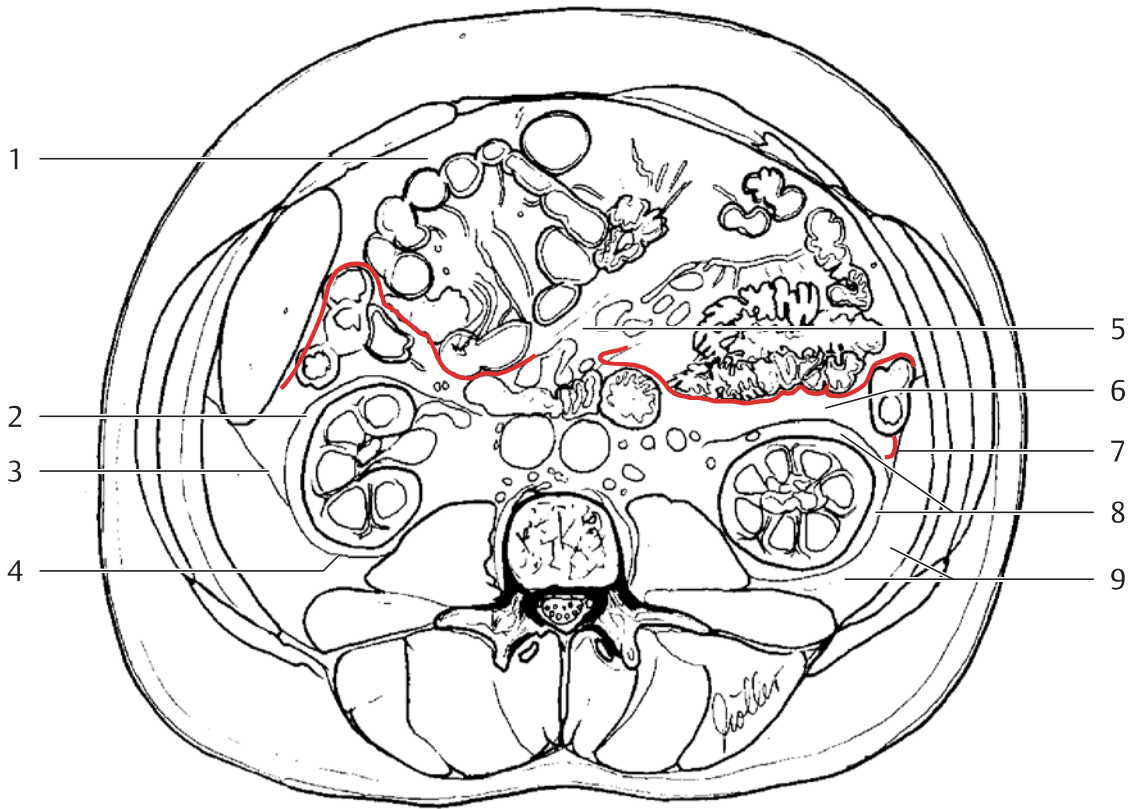
- 9 Inframesenteric peritoneal space
- 10 Rectovesical pouch
- 11 Retrovesical space
- 12 Retropubic space
- 13 Supramesocolic peritoneal space
- 14 Inframesocolic peritoneal space
- 15 Retroperitoneal space
- 16 Perineal body



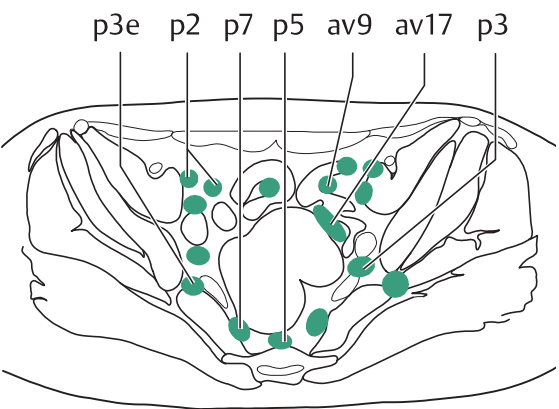
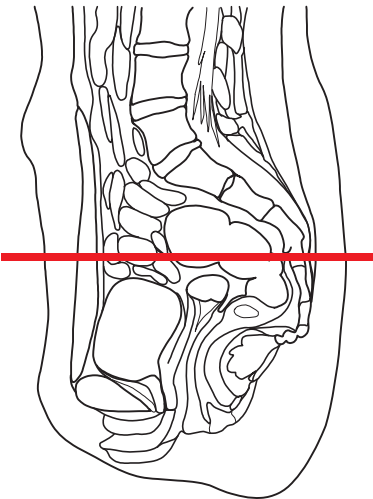
- | | |
|--|--------------------------|
| 1 Left subhepatic space | 5 Omental bursa |
| 2 Perihepatic space and right subphrenic space | 6 Gastrosplenic ligament |
| 3 Hepatogastric ligament | 7 Left subphrenic space |
| 4 Right posterior subphrenic space | 8 Right paracolic gutter |
| | 9 Left paracolic gutter |



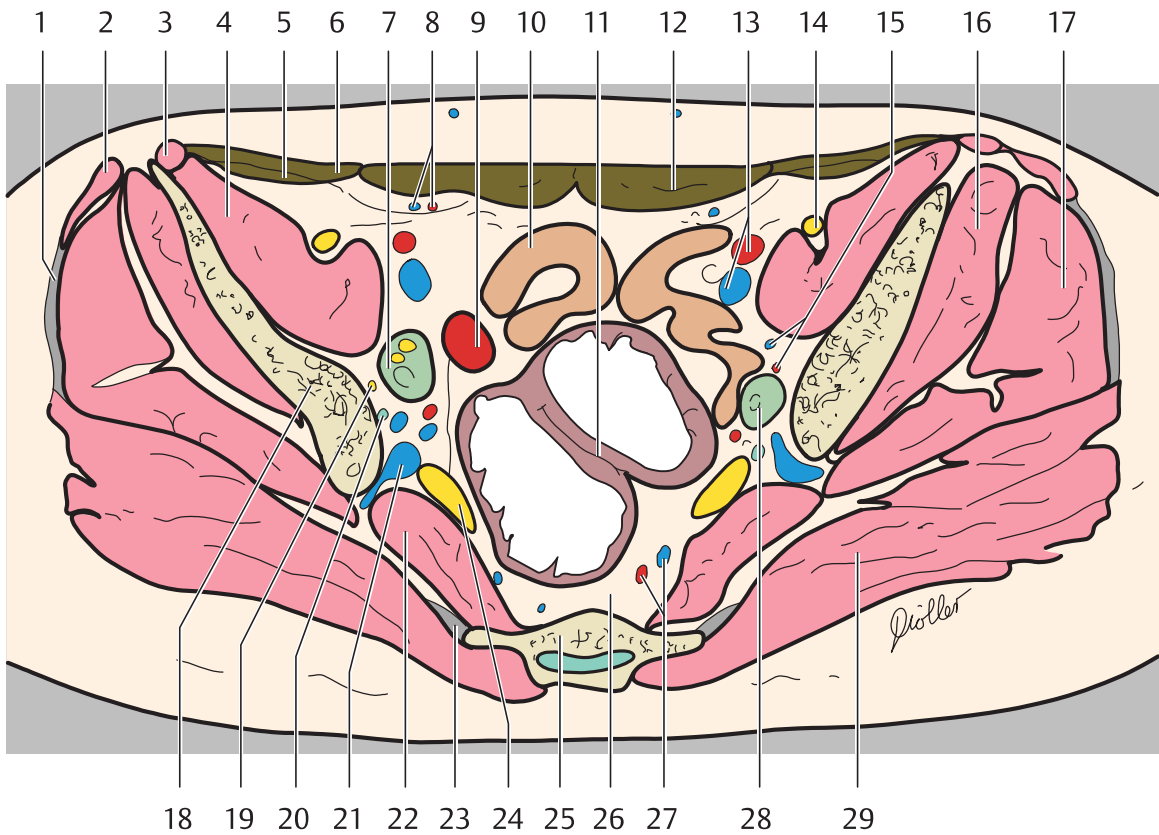
- | | |
|----------------------------|-------------------------------------|
| 1 Peritoneal space | 7 Left lateroconal fascia |
| 2 Anterior renal fascia | 8 Perirenal space |
| 3 Right lateroconal fascia | 9 Posterior pararenal space |
| 4 Posterior renal fascia | 10 Right kidney |
| 5 Root of mesentery | 11 Infrarenal retroperitoneal space |
| 6 Anterior pararenal space | |



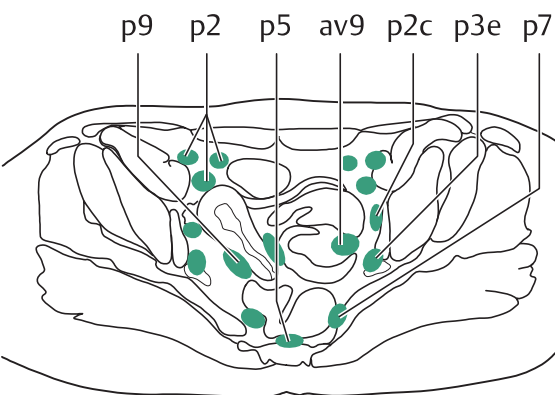
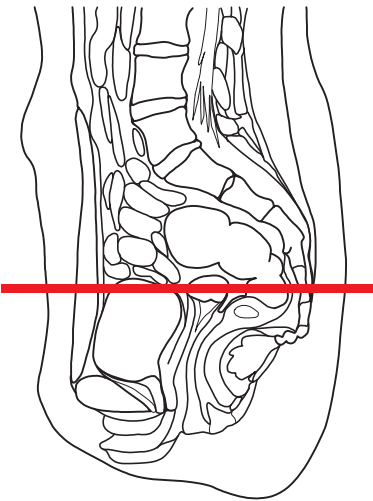
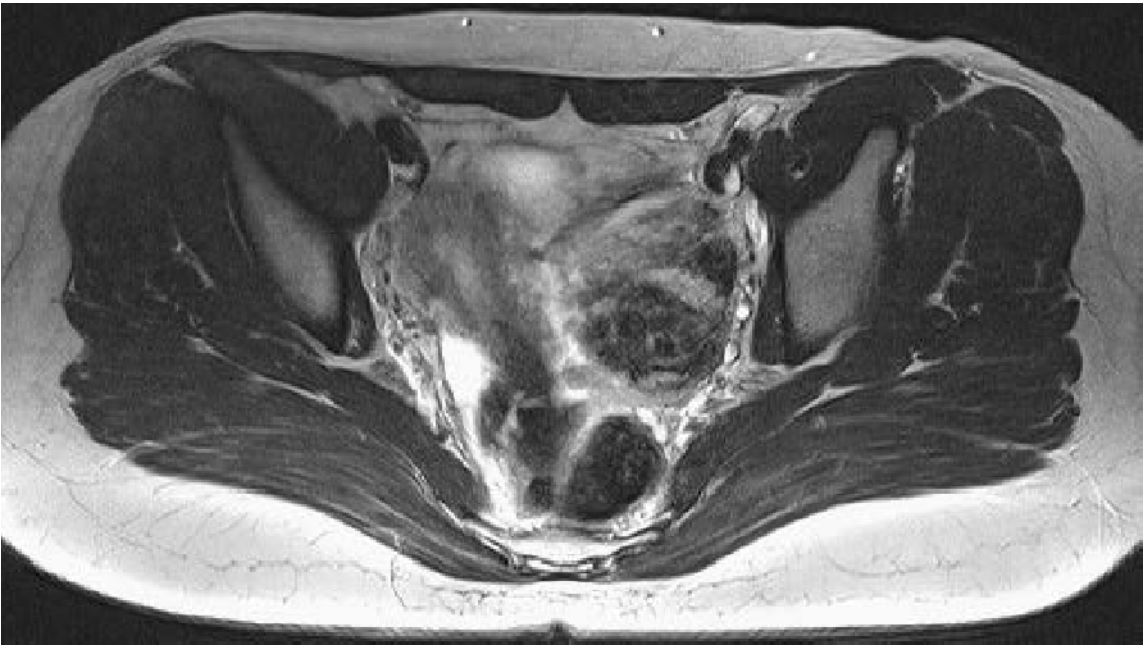
- | | | | |
|---|--------------------------|----|----------------------------------|
| 1 | Peritoneal space | 7 | Left lateroconal fascia |
| 2 | Anterior renal fascia | 8 | Perirenal space |
| 3 | Right lateroconal fascia | 9 | Posterior pararenal space |
| 4 | Posterior renal fascia | 10 | Right kidney |
| 5 | Root of mesentery | 11 | Infrarenal retroperitoneal space |
| 6 | Anterior pararenal space | | |



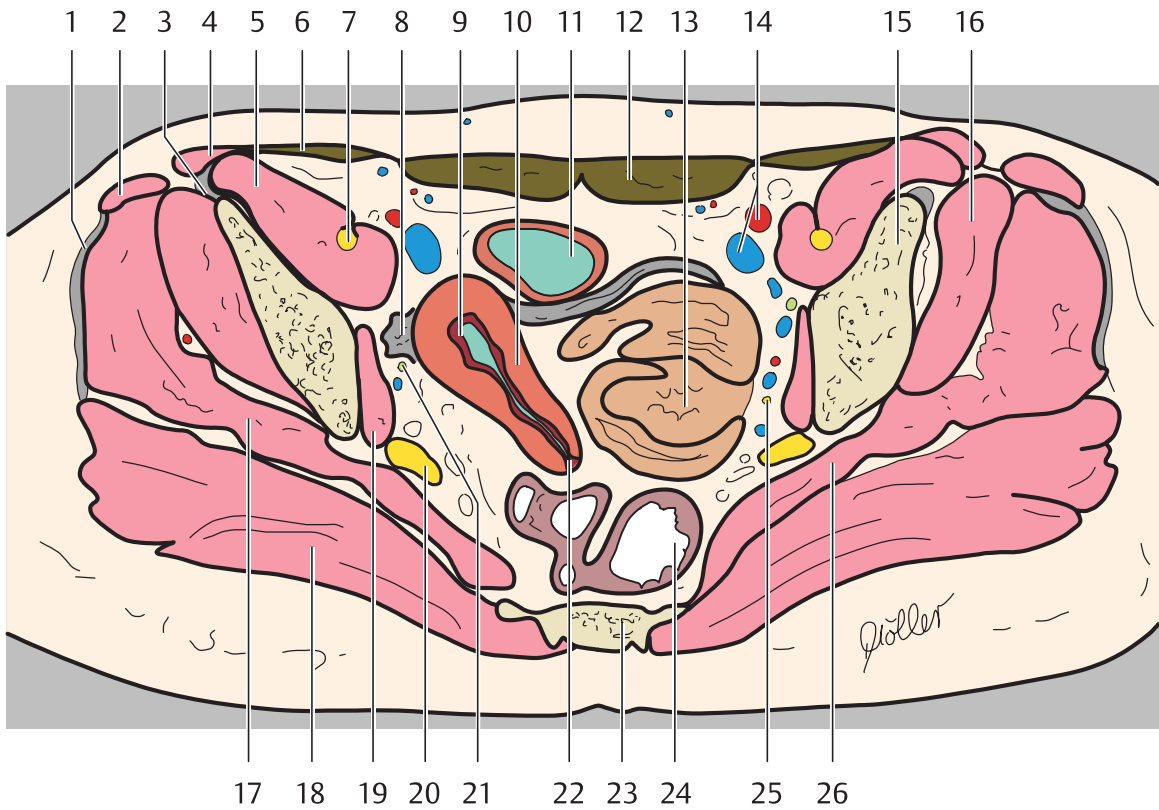
● = Lymph node (see inside back cover)



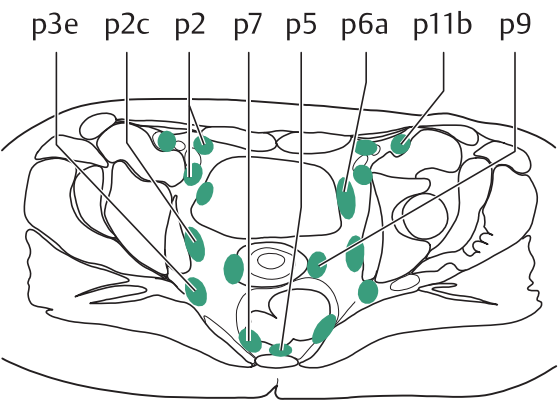
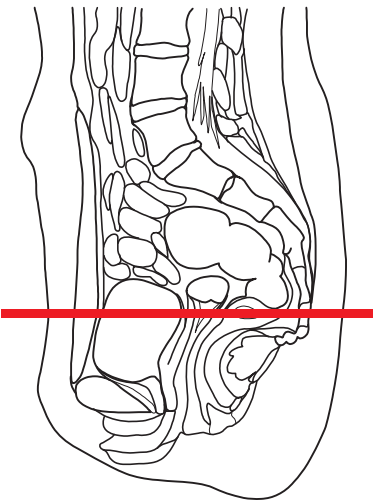
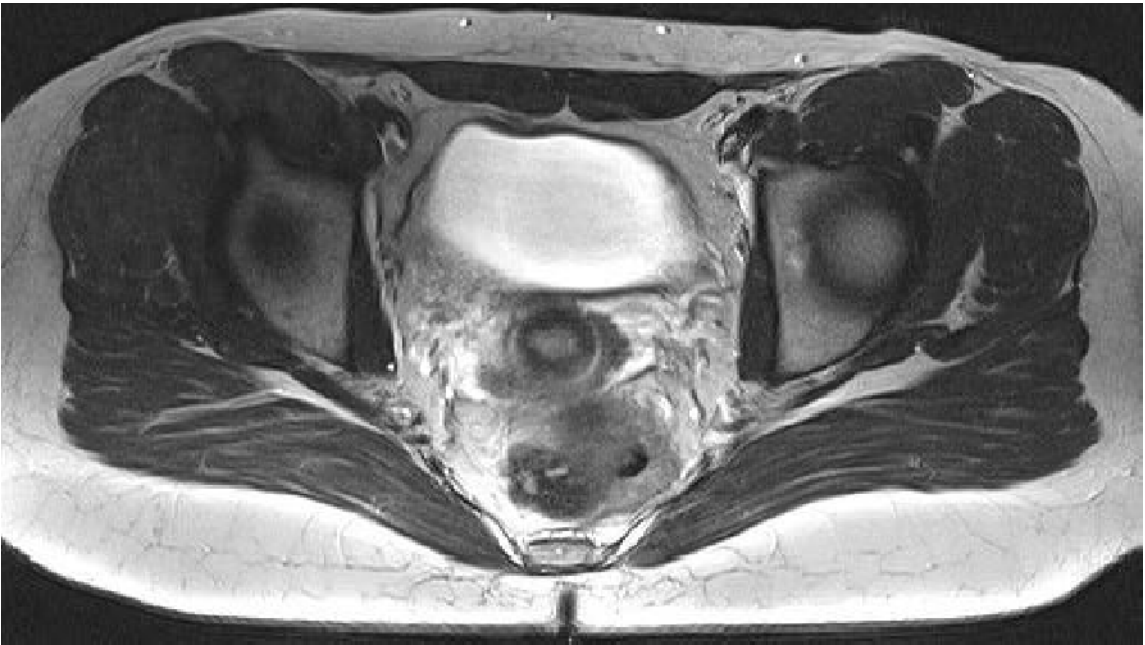
- | | |
|---------------------------------------|--|
| 1 Gluteal aponeurosis | 16 Gluteus minimus muscle |
| 2 Tensor fasciae latae muscle | 17 Gluteus medius muscle |
| 3 Sartorius muscle | 18 Ilium |
| 4 Iliacus muscle | 19 Internal obturator nerve |
| 5 Transversus abdominis muscle | 20 Ureter |
| 6 Internal abdominal oblique muscle | 21 Superior gluteal vein and internal iliac vein |
| 7 Right ovary | 22 Piriformis muscle |
| 8 Inferior epigastric artery and vein | 23 Sacrotuberous ligament |
| 9 Uterus | 24 Sciatic nerve |
| 10 Ileum | 25 Sacrum |
| 11 Sigmoid colon (distal part) | 26 Presacral space |
| 12 Rectus abdominis muscle | 27 Superior rectal artery and vein |
| 13 External iliac artery and vein | 28 Left ovary |
| 14 Femoral nerve | 29 Gluteus maximus muscle |
| 15 Ovarian artery and vein | |



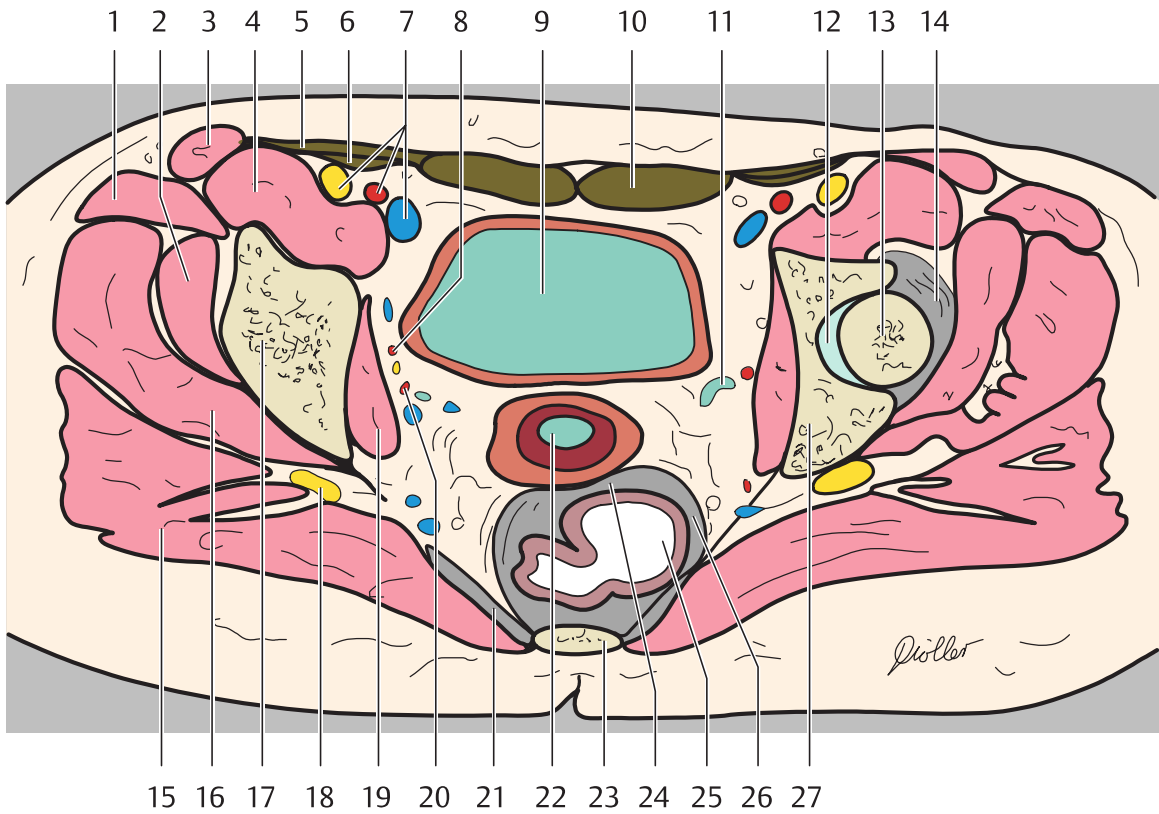
● = Lymph node (see inside back cover)



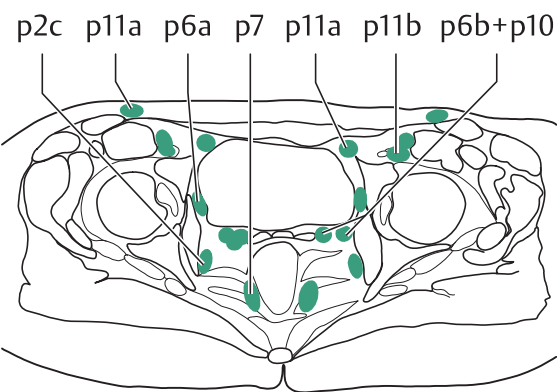
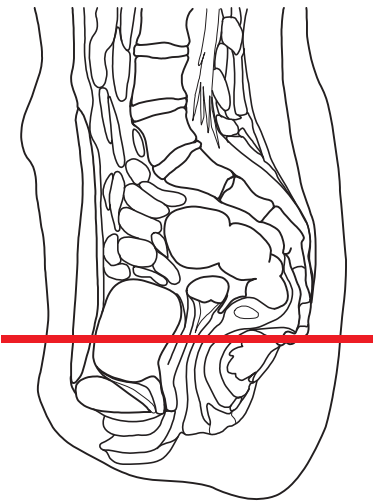
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| 1 Gluteal aponeurosis | 14 External iliac artery and vein |
| 2 Tensor fasciae latae muscle | 15 Ilium |
| 3 Rectus femoris muscle | 16 Gluteus minimus muscle |
| 4 Sartorius muscle | 17 Gluteus medius muscle |
| 5 Iliopsoas muscle | 18 Gluteus maximus muscle |
| 6 Internal abdominal oblique muscle and transversus abdominis muscle | 19 Obturator internus muscle |
| 7 Femoral nerve | 20 Sciatic nerve |
| 8 Round ligament of uterus | 21 Ureter |
| 9 Uterus (cavity) | 22 Uterus (cervix) |
| 10 Uterus (fundus) | 23 Sacrum |
| 11 Urinary bladder | 24 Rectum |
| 12 Rectus abdominis muscle | 25 Obturator nerve |
| 13 Small intestine | 26 Piriformis muscle |



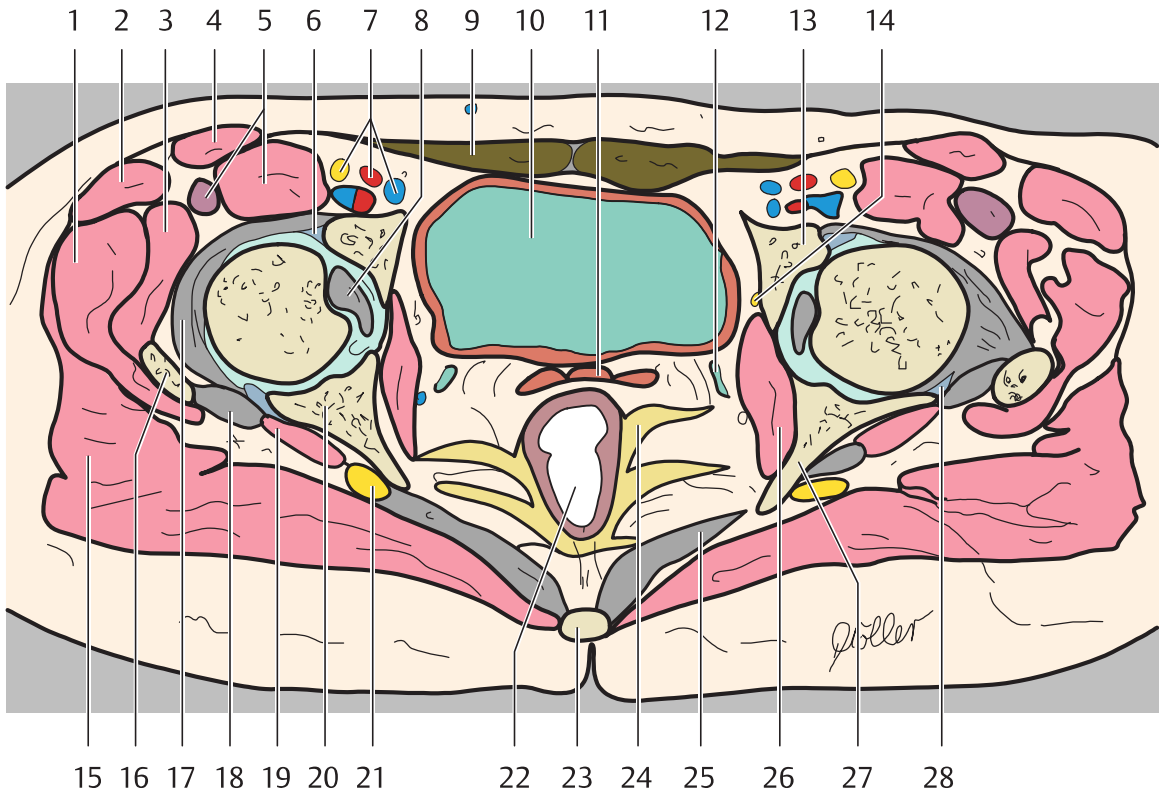
● = Lymph node (see inside back cover)



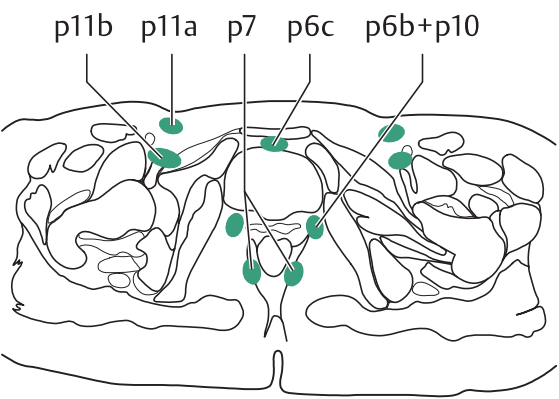
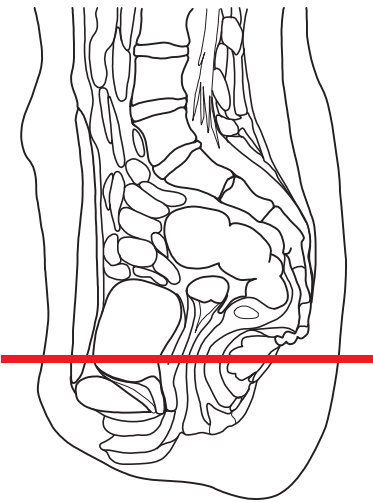
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|---|------------------------------------|
| 1 Tensor fasciae latae muscle and rectus femoris muscle | 14 Joint capsule |
| 2 Gluteus minimus muscle | 15 Gluteus maximus muscle |
| 3 Sartorius muscle | 16 Gluteus medius muscle |
| 4 Iliopsoas muscle | 17 Acetabular roof |
| 5 Internal abdominal oblique muscle | 18 Sciatic nerve |
| 6 Transversus abdominis muscle | 19 Obturator internus muscle |
| 7 Femoral nerve and external iliac artery and vein | 20 Internal iliac artery and vein |
| 8 Obturator artery | 21 Sacrospinous ligament |
| 9 Urinary bladder | 22 Uterus (vaginal part) |
| 10 Rectus abdominis muscle | 23 Sacrum |
| 11 Ureter | 24 Rectouterine pouch (of Douglas) |
| 12 Hip joint | 25 Rectum |
| 13 Head of femur | 26 Uterosacral ligament |
| | 27 Ilium (posterior pillar) |



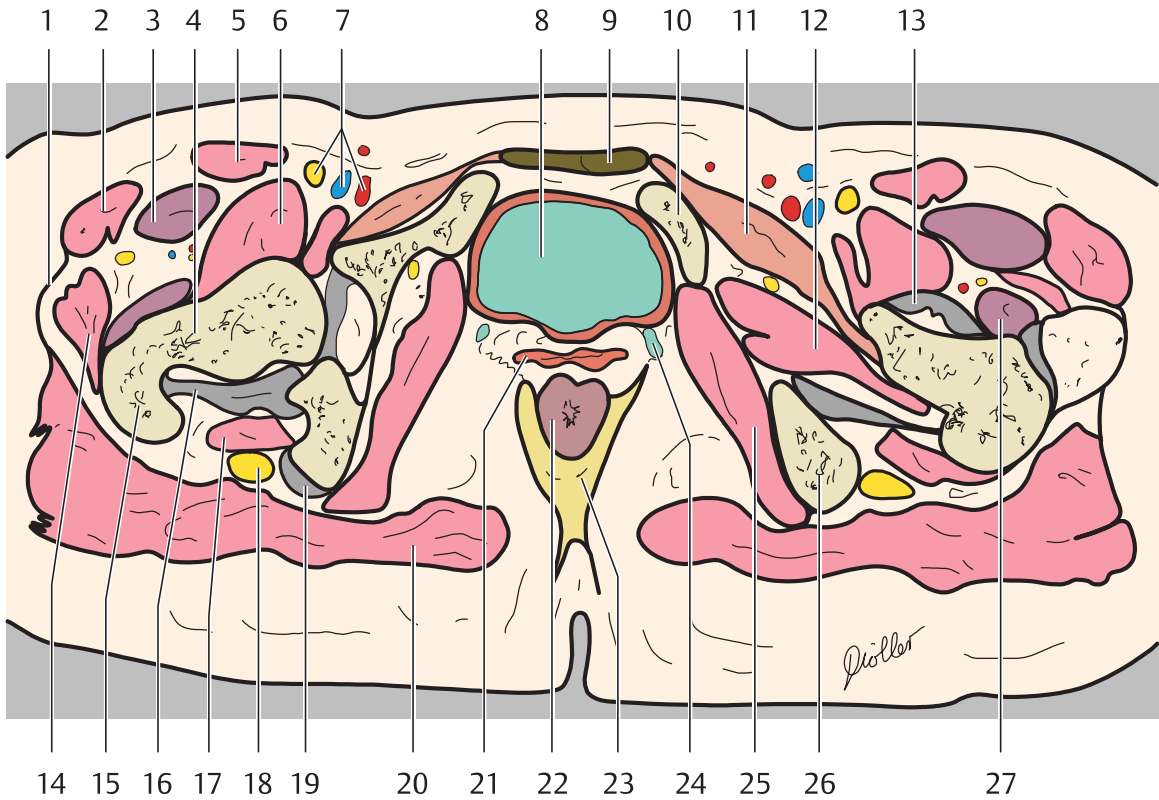
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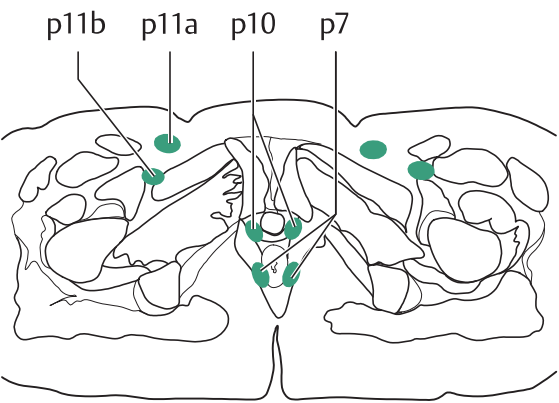
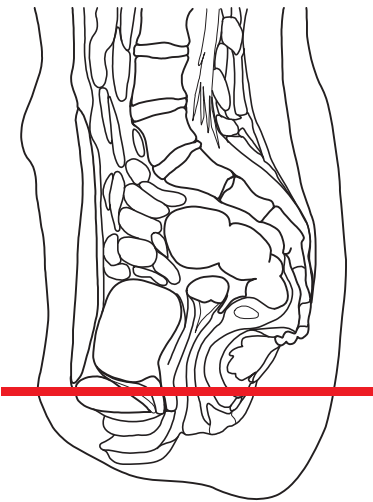
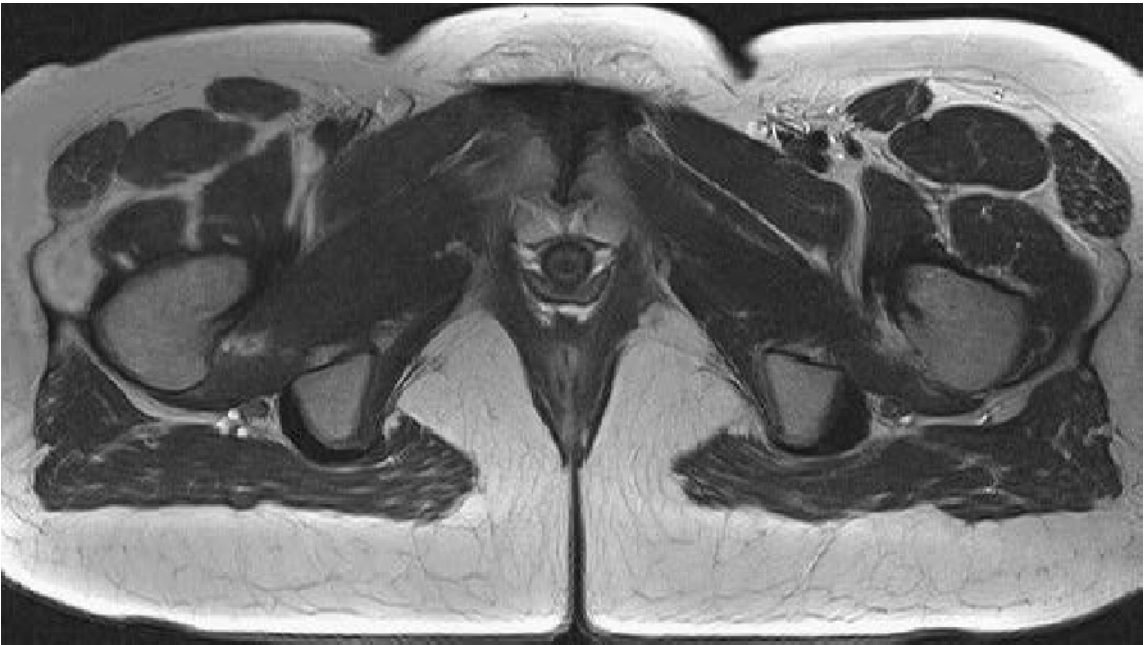
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|--|------------------------------------|
| 1 Gluteus medius muscle | 15 Gluteus maximus muscle |
| 2 Tensor fasciae latae muscle | 16 Greater trochanter |
| 3 Gluteus minimus muscle | 17 Joint capsule |
| 4 Sartorius muscle | 18 Piriformis muscle (tendon) |
| 5 Iliopsoas muscle and rectus femoris muscle | 19 Gemellus superior muscle |
| 6 Acetabular lip (anterior part) | 20 Ilium |
| 7 Femoral artery, vein, and nerve | 21 Sciatic nerve |
| 8 Ligament of head of femur | 22 Rectum |
| 9 Rectus abdominis muscle | 23 Coccyx |
| 10 Urinary bladder | 24 Levator ani muscle |
| 11 Vagina | 25 Sacrospinous ligament |
| 12 Ureter | 26 Obturator internus muscle |
| 13 Ilium | 27 Ischial spine |
| 14 Obturator nerve | 28 Acetabular lip (posterior part) |



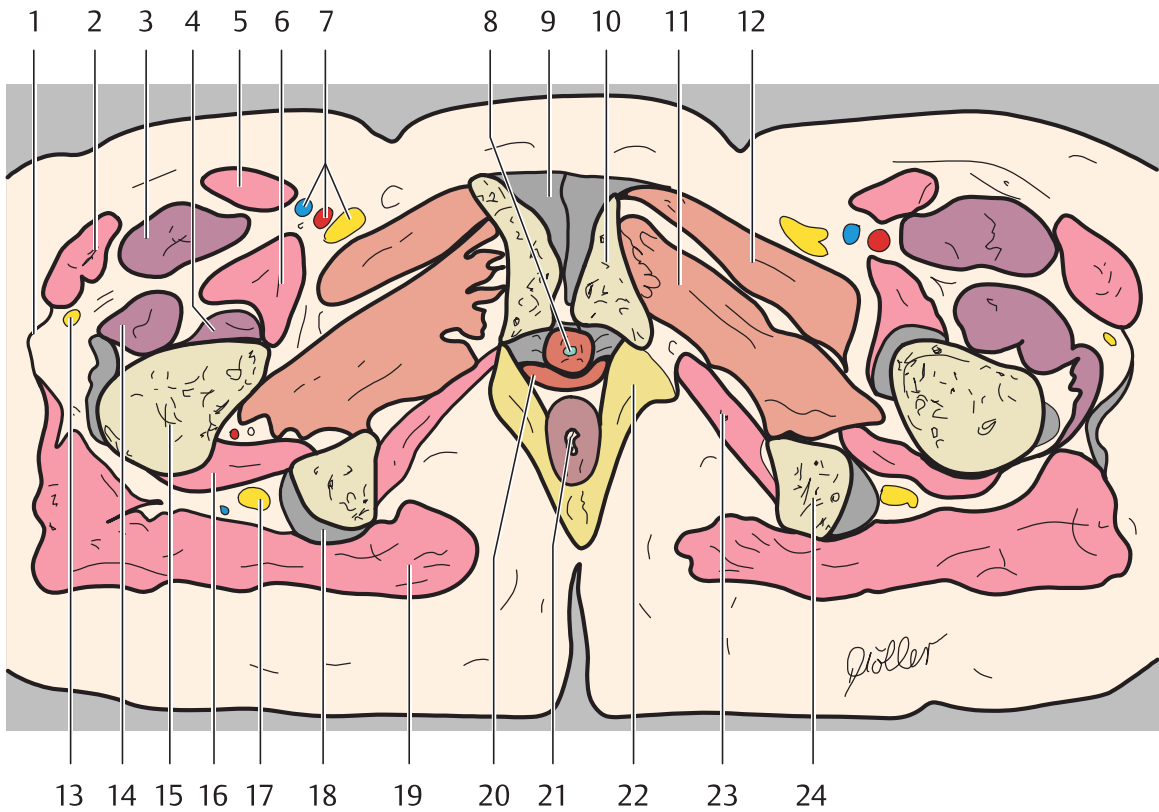
● = Lymph node (see inside back cover)



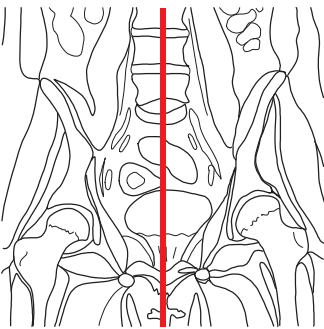
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|-----------------------------------|---|
| 1 Iliotibial tract | 15 Greater trochanter |
| 2 Tensor fasciae latae muscle | 16 Obturator externus muscle (tendon) |
| 3 Rectus femoris muscle | 17 Quadratus femoris muscle and gemellus inferior muscles |
| 4 Femur (head) | 18 Sciatic nerve |
| 5 Sartorius muscle | 19 Obturator internus muscle (tendon) |
| 6 Iliopsoas muscle | 20 Gluteus maximus muscle |
| 7 Femoral artery, vein, and nerve | 21 Vagina |
| 8 Urinary bladder | 22 Rectum |
| 9 Rectus abdominis muscle | 23 Levator ani muscle |
| 10 Pubis (superior ramus) | 24 Ureter |
| 11 Pectineus muscle | 25 Obturator internus muscle |
| 12 Obturator externus muscle | 26 Ischium (tuberosity) |
| 13 Iliofemoral ligament | 27 Vastus lateralis muscle |
| 14 Gluteus medius muscle | |



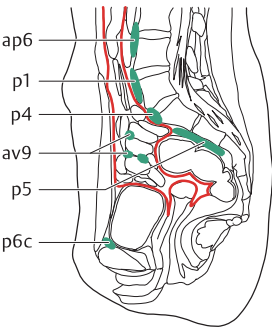
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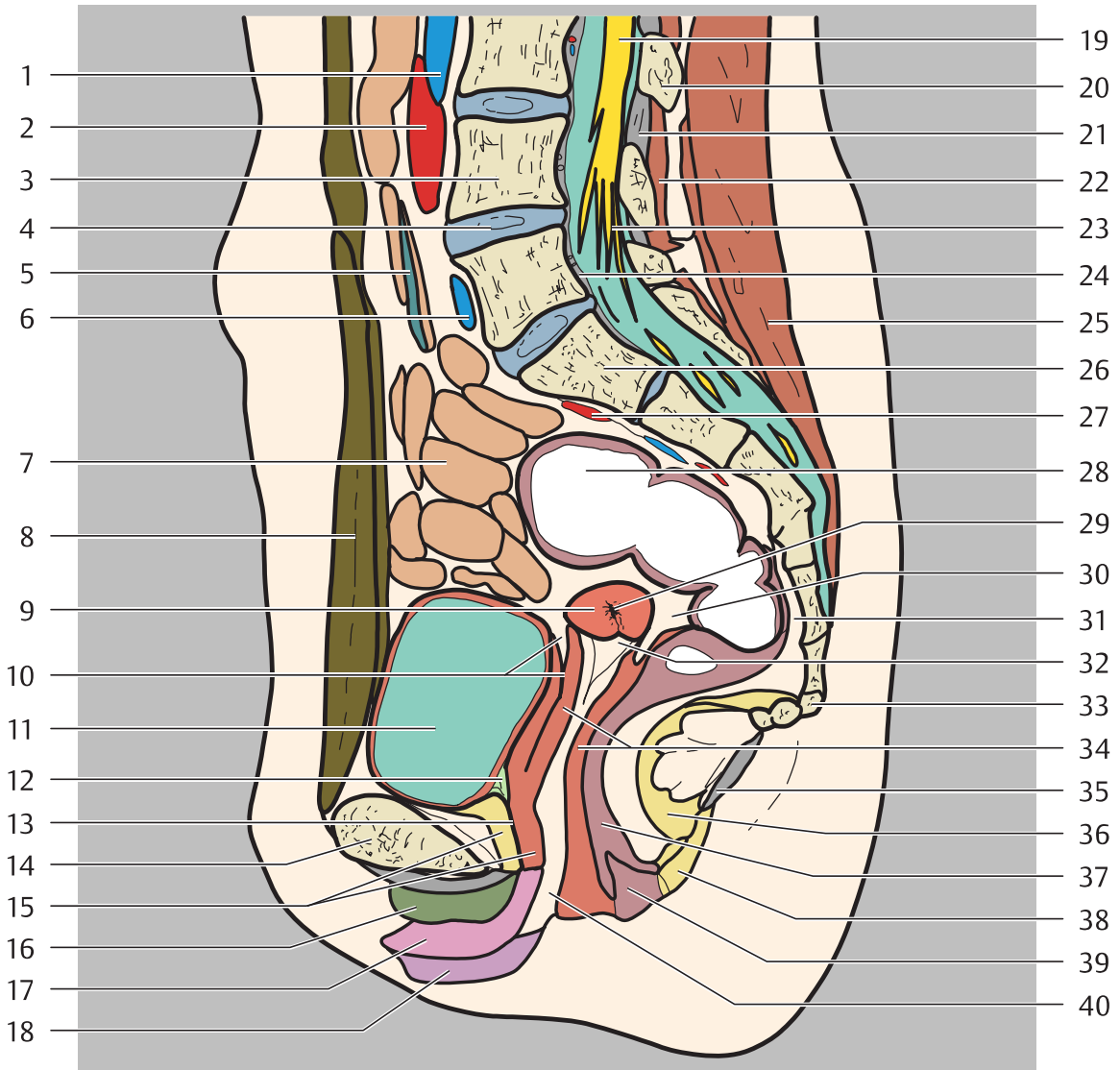
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|------------------------------------|---|
| 1 Iliotibial tract | 15 Femur |
| 2 Tensor fasciae latae muscle | 16 Quadratus femoris muscle |
| 3 Rectus femoris muscle | 17 Sciatic nerve |
| 4 Vastus intermedius muscle | 18 Common tendon of biceps femoris, semitendinosus, and semimembranosus muscles |
| 5 Sartorius muscle | 19 Gluteus maximus muscle |
| 6 Iliopsoas muscle | 20 Vagina |
| 7 Femoral artery, vein, and nerve | 21 Rectum |
| 8 Urethra | 22 Levator ani muscle |
| 9 Pubic symphysis | 23 Obturator internus muscle |
| 10 Pubis (body) | 24 Ischium (tuberosity) |
| 11 Obturator externus muscle | |
| 12 Pectineus muscle | |
| 13 Lateral femoral cutaneous nerve | |
| 14 Vastus lateralis muscle | |



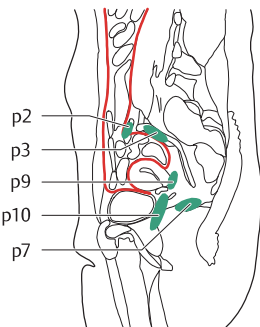
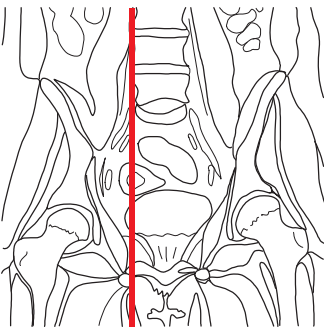
- 1 Inferior vena cava
- 2 Aorta
- 3 Lumbar vertebra (L4)
- 4 Intervertebral disk L4–L5
- 5 Jejunal veins
- 6 Common iliac vein
- 7 Small intestine



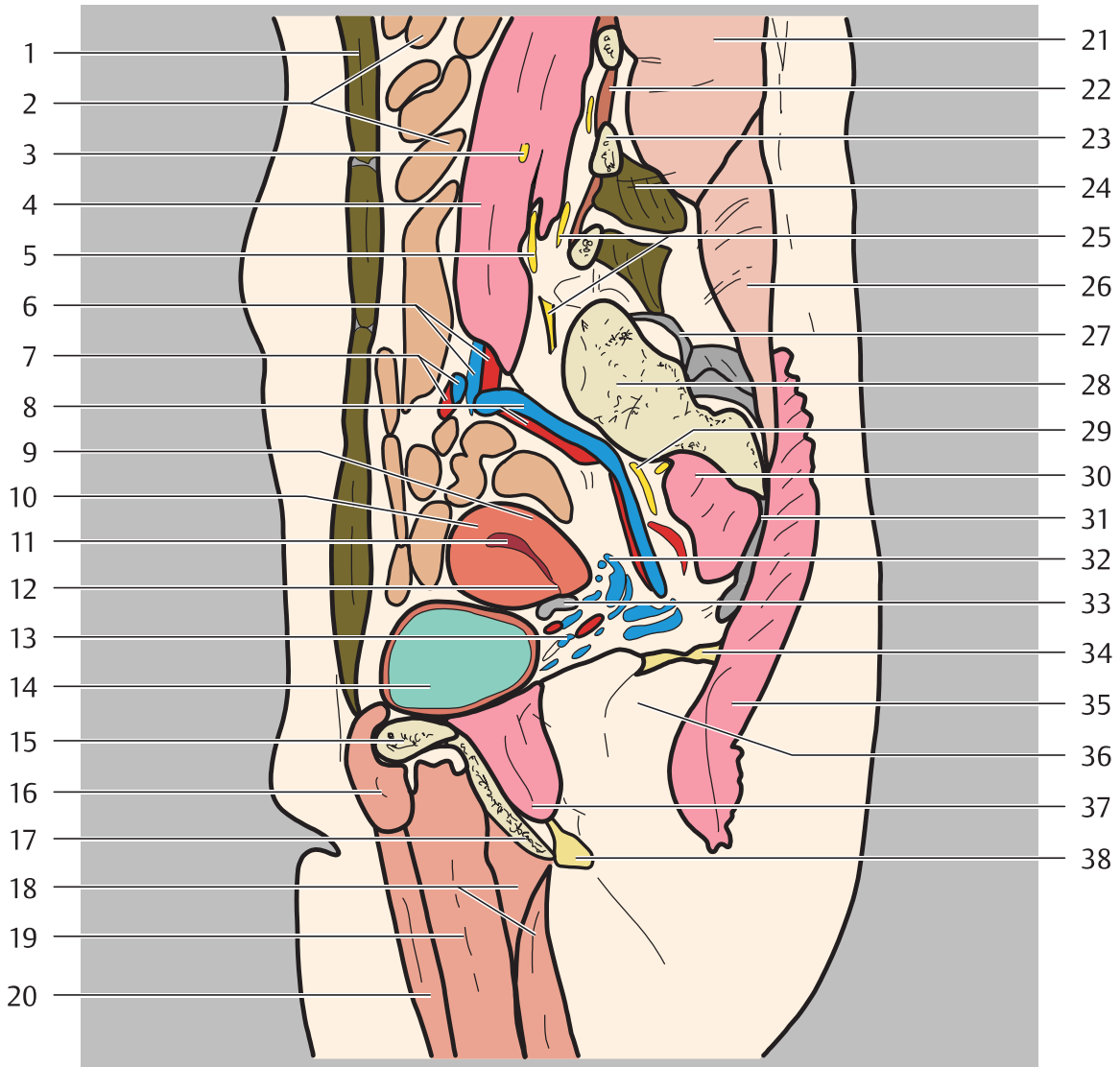
● = Lymph node (see inside back cover)
— = Peritoneum



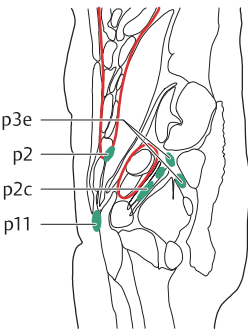
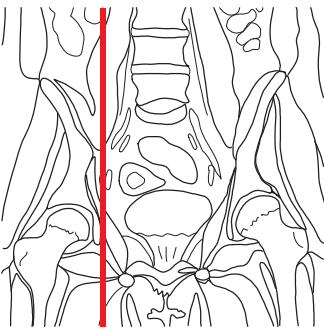
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|--|--|
| 8 Rectus abdominis muscle | 25 Erector spinae muscle, medial tract |
| 9 Portio | 26 Sacrum (S1) |
| 10 Vesico-uterine pouch | 27 Superior rectal artery |
| 11 Urinary bladder | 28 Rectum |
| 12 Internal urethral orifice | 29 Canalis cervicis |
| 13 Urethra | 30 Rectouterine pouch (of Douglas) |
| 14 Pubis | 31 Presacral space |
| 15 Urethral sphincter muscle and deep transverse perineal muscle | 32 Ostium uteri (opening between uterus and vagina) |
| 16 Clitoris (body) | 33 Coccyx |
| 17 Labium minus | 34 Anterior und posterior wall of vagina |
| 18 Labium majus | 35 Anococcygeal ligament (posterior extension of external anal sphincter |
| 19 Spinal cord | 36 Levator ani muscle |
| 20 Spinous process | 37 Anal canal |
| 21 Ligamenta flava | 38 External anal sphincter muscle |
| 22 Lumbar interspinal muscles | 39 Anus |
| 23 Cauda equina | 40 Vagina |
| 24 Posterior longitudinal ligament | |



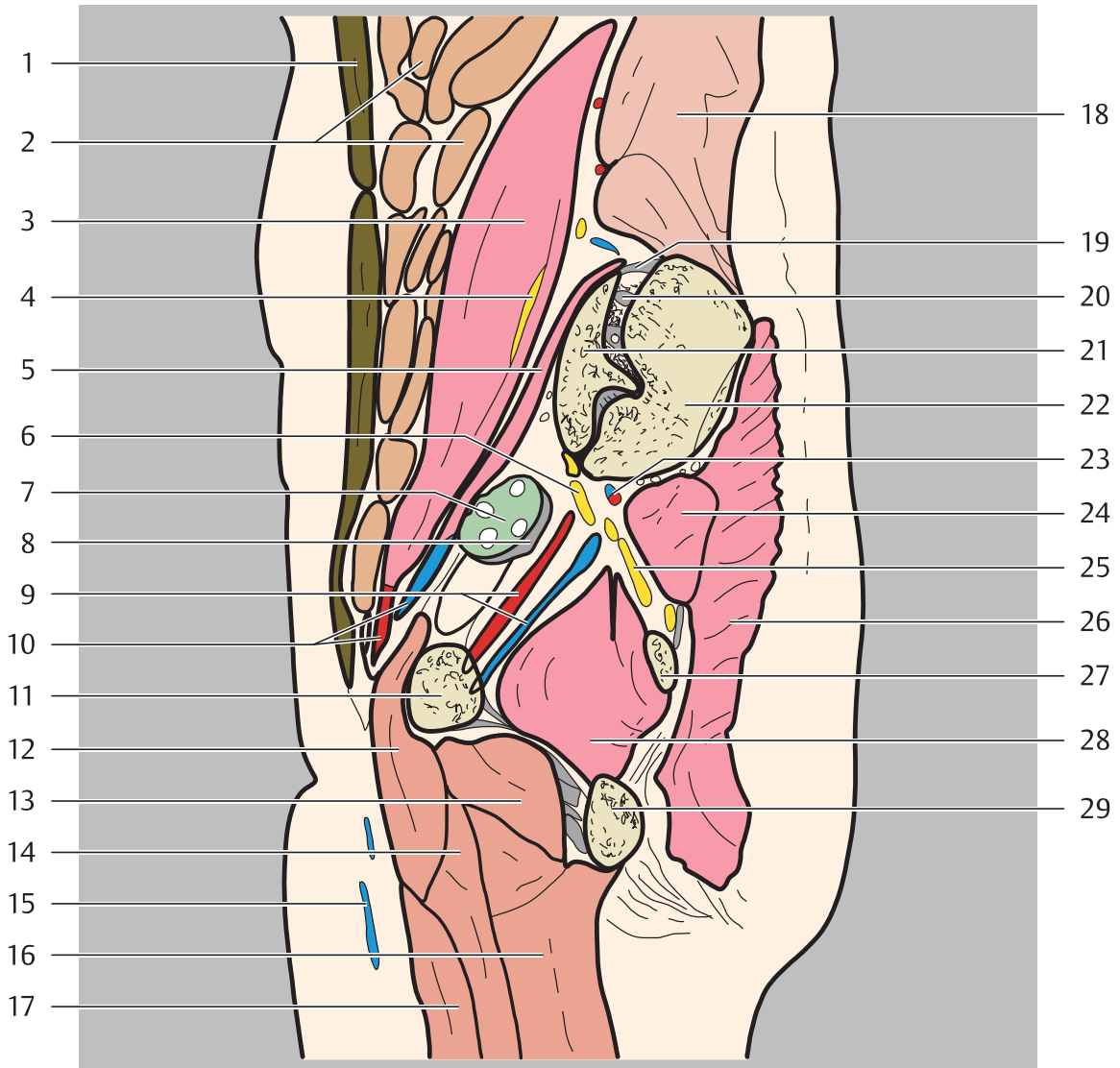
● = Lymph node (see inside back cover)
— = Peritoneum



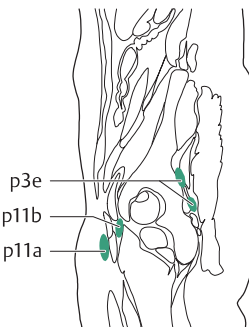
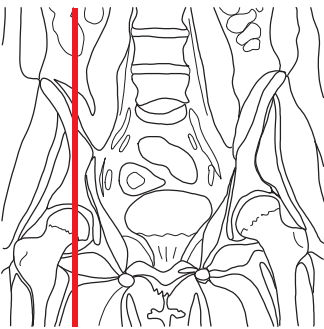
- | | |
|-----------------------------------|---|
| 1 Rectus abdominis muscle | 21 Erector spinae muscle, lateral tract |
| 2 Small intestine | 22 Interspinales lumborum muscles (erector spinae muscle, medial tract) |
| 3 Lateral femoral cutaneous nerve | 23 Transverse process |
| 4 Psoas major muscle | 24 Quadratus lumborum muscle |
| 5 Femoral nerve | 25 Lumbar plexus |
| 6 Common iliac artery and vein | 26 Lumbar iliocostalis muscle |
| 7 Ovarian artery and vein | 27 Dorsal sacroiliac ligaments |
| 8 Internal iliac artery and vein | 28 Sacrum |
| 9 Uterus (body) | 29 Sacral nerves |
| 10 Uterus (fundus) | 30 Piriformis muscle |
| 11 Uterus (cavity) | 31 Sacrotuberous ligament |
| 12 Uterus (isthmus) | 32 Uterine venous plexus |
| 13 Vesical venous plexus | 33 Round ligament of uterus |
| 14 Urinary bladder | 34 Levator ani muscle |
| 15 Pubis | 35 Gluteus maximus muscle |
| 16 Pectineus muscle | 36 Ischiorectal fossa |
| 17 Ischium | 37 Obturator internus muscle |
| 18 Adductor magnus muscle | 38 Deep transverse perineal muscle |
| 19 Adductor brevis muscle | |
| 20 Adductor longus muscle | |



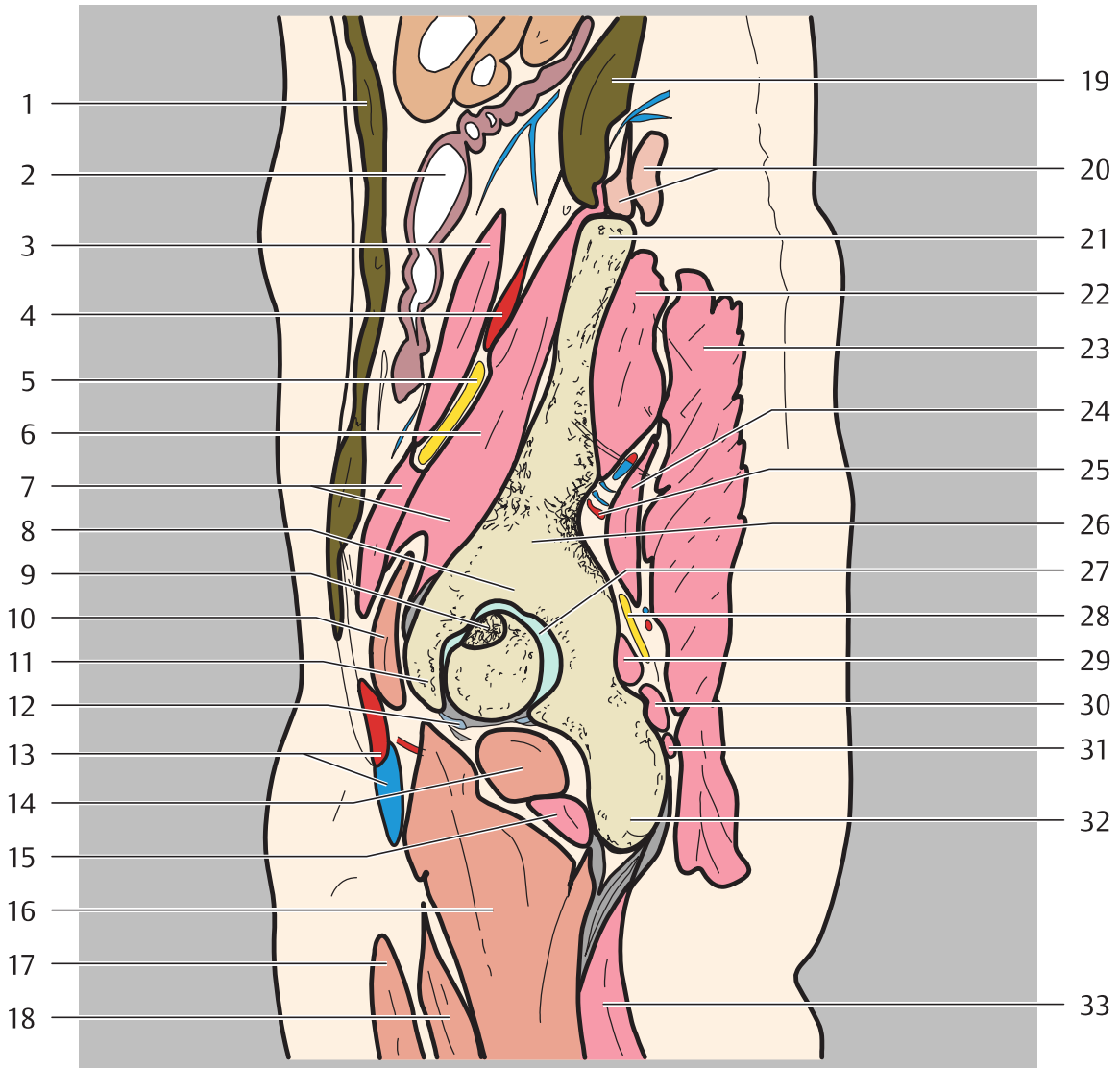
● = Lymph node (see inside back cover)
— = Peritoneum



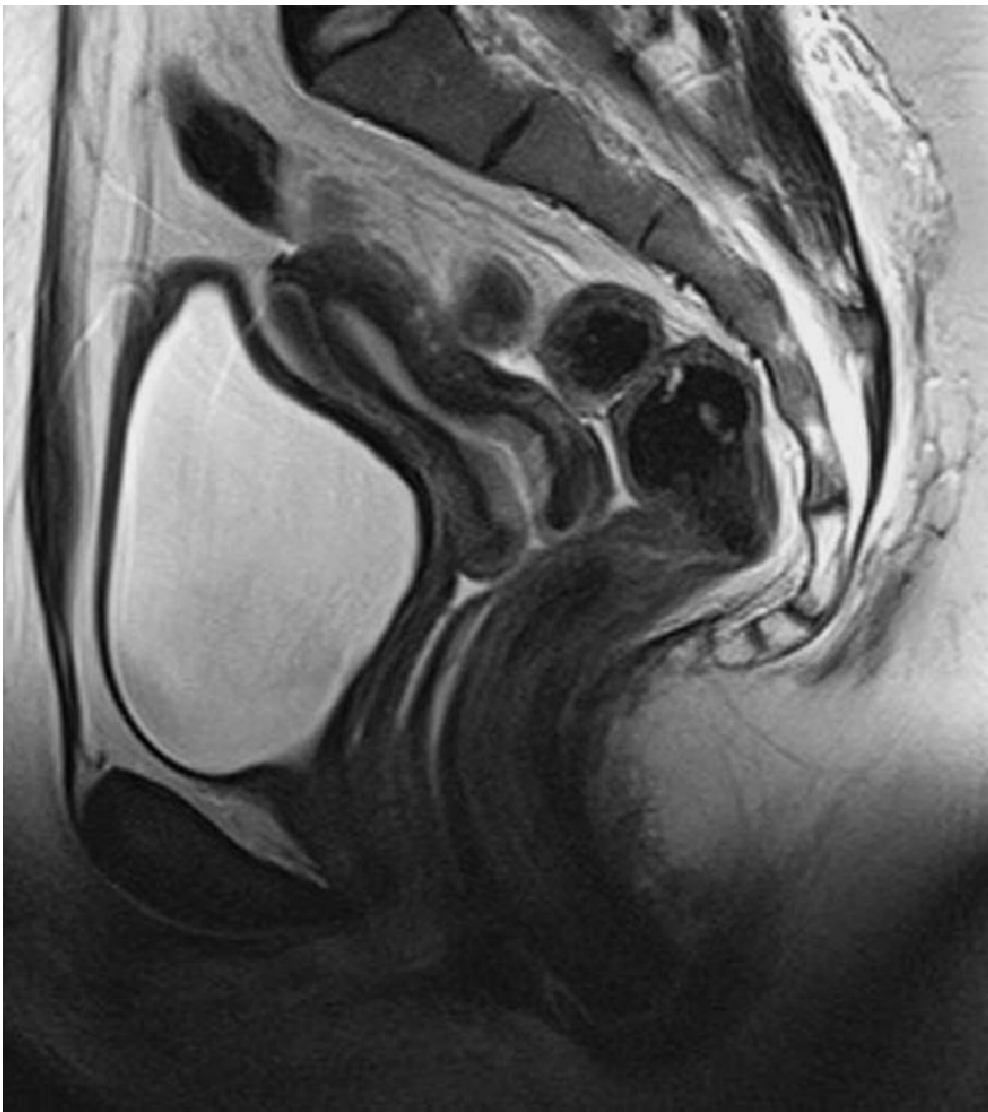
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|-----------------------------------|-------------------------------------|
| 1 Rectus abdominis muscle | 16 Adductor magnus muscle |
| 2 Small intestine | 17 Adductor longus muscle |
| 3 Psoas major muscle | 18 Iliocostalis muscle |
| 4 Femoral nerve | 19 Dorsal sacroiliac ligaments |
| 5 Iliacus muscle | 20 Sacroiliac joint |
| 6 Lumbar plexus | 21 Sacrum |
| 7 Ovary | 22 Ilium |
| 8 Round ligament of uterus | 23 Superior gluteal artery and vein |
| 9 Obturator artery and vein | 24 Piriformis muscle |
| 10 External iliac artery and vein | 25 Sacral nerves |
| 11 Pubis (superior ramus) | 26 Gluteus maximus muscle |
| 12 Pectineus muscle | 27 Ischial spine |
| 13 Obturator externus muscle | 28 Obturator internus muscle |
| 14 Adductor brevis muscle | 29 Os ischii (ramus) |
| 15 Great saphenous vein | |

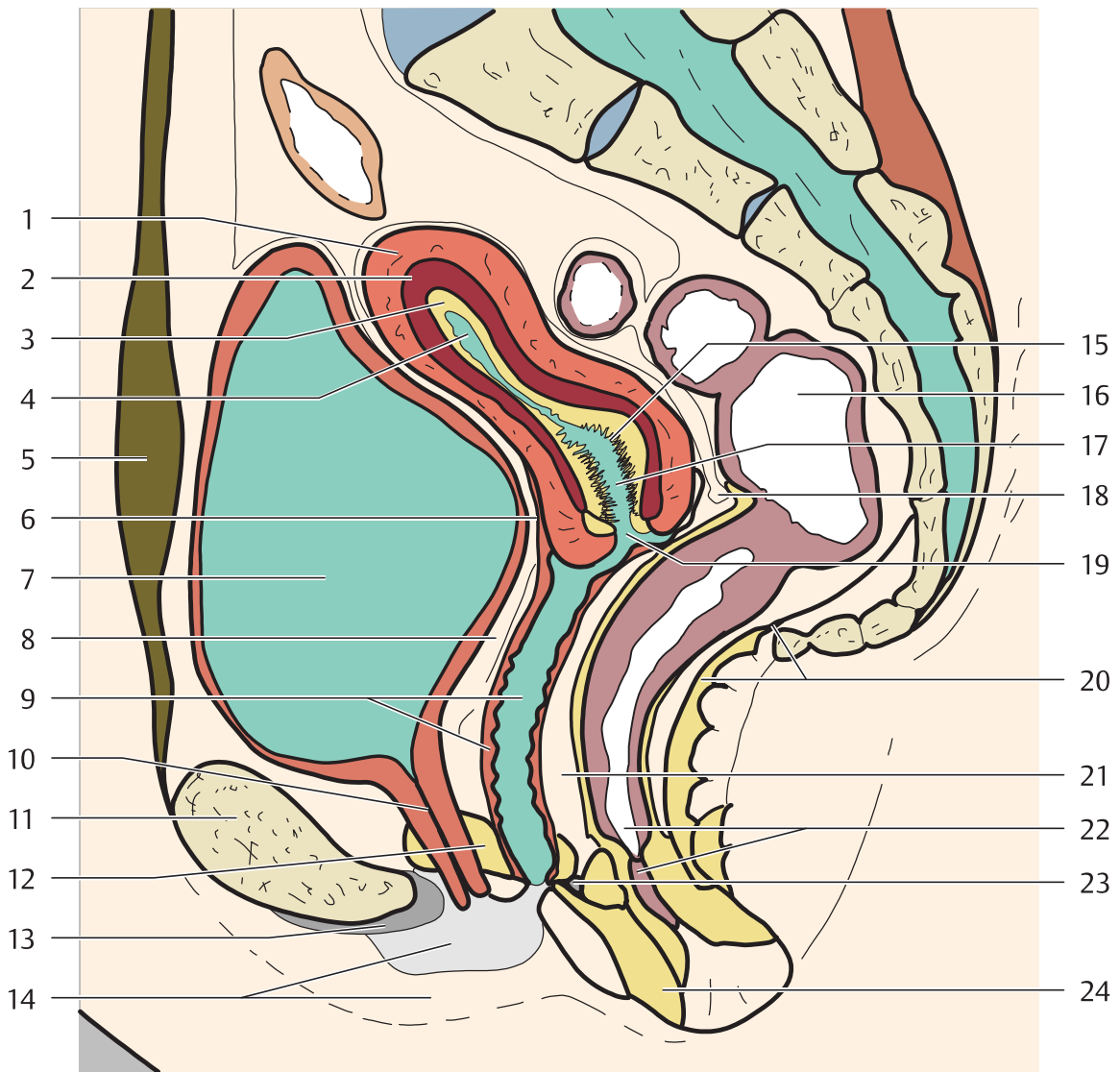


● = Lymph node (see inside back cover)

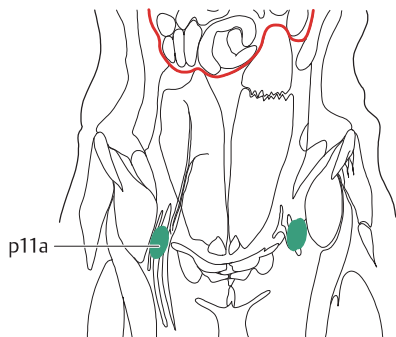
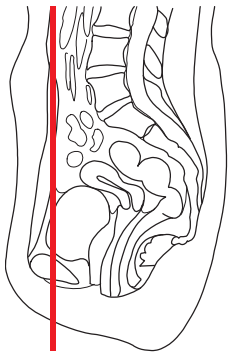
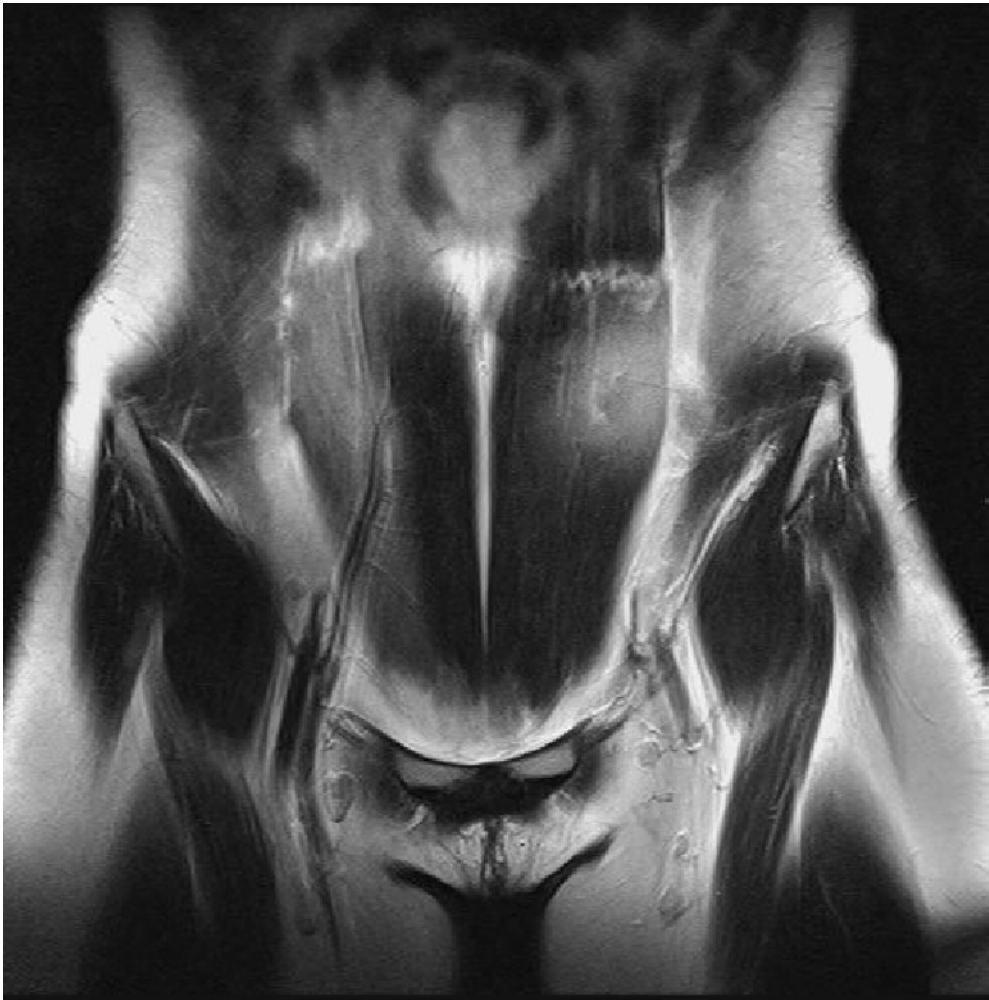


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|------------------------------|-------------------------------------|
| 1 Rectus abdominis muscle | 18 Adductor brevis muscle |
| 2 Colon | 19 Quadratus lumborum muscle |
| 3 Psoas major muscle | 20 Iliocostalis muscle |
| 4 Iliolumbar artery | 21 Superior iliac spine |
| 5 Femoral nerve | 22 Gluteus medius muscle |
| 6 Iliacus muscle | 23 Gluteus maximus muscle |
| 7 Iliopsoas muscle | 24 Gluteus minimus muscle |
| 8 Acetabular roof | 25 Superior gluteal artery and vein |
| 9 Fovea capitis femoris | 26 Ilium (body) |
| 10 Pectineus muscle | 27 Acetabular fossa |
| 11 Pubis (body) | 28 Sciatic nerve |
| 12 Acetabular lip | 29 Gemellus superior muscle |
| 13 Femoral artery and vein | 30 Obturator internus muscle |
| 14 Obturator externus muscle | 31 Gemellus inferior muscle |
| 15 Quadratus femoris muscle | 32 Ischial tuberosity |
| 16 Adductor magnus muscle | 33 Semimembranosus muscle |
| 17 Adductor longus muscle | |

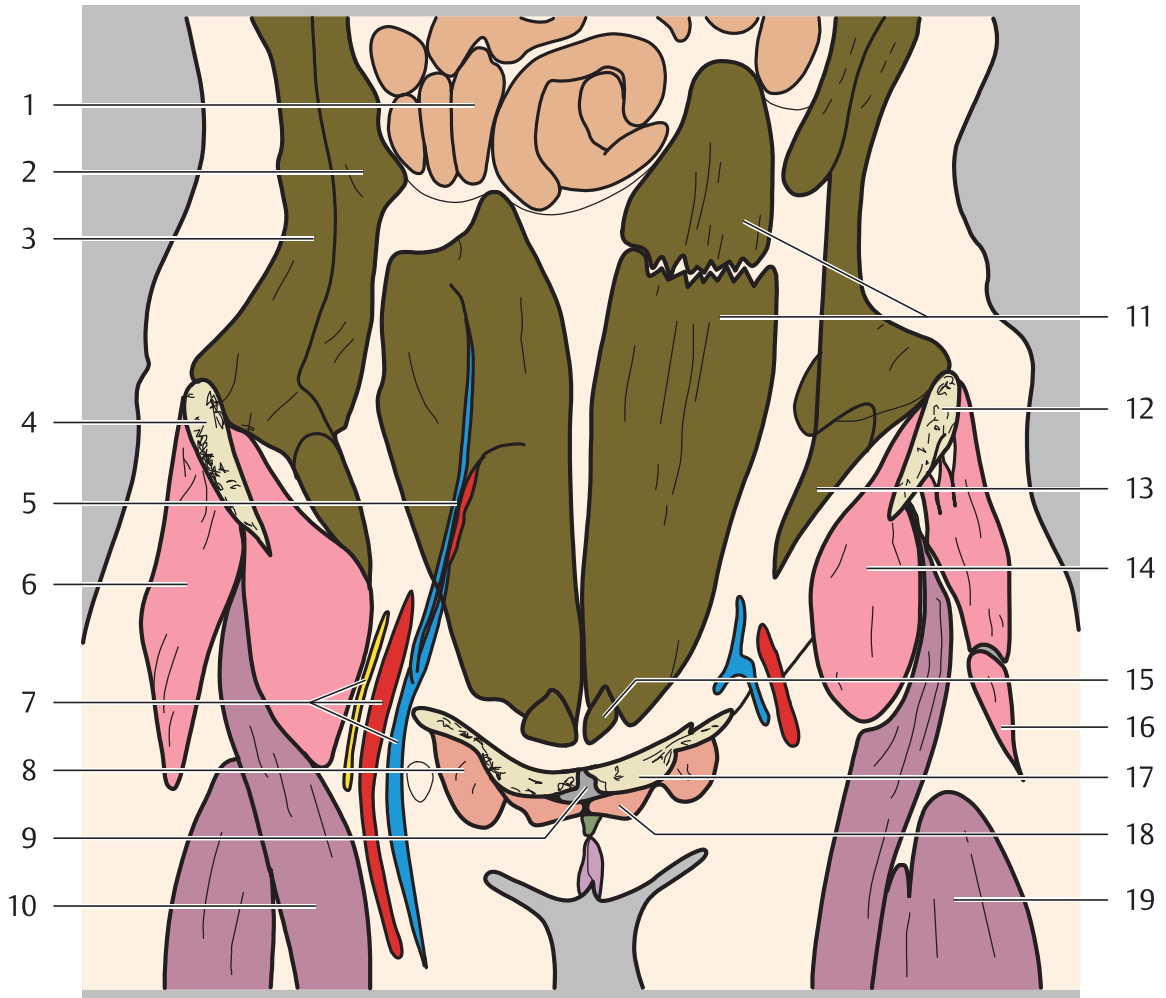




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|--|---|
| 1 Body of uterus (myometrium) | 13 Arcuate pubic ligament |
| 2 Uterus (junctional zone) | 14 Labium minus and majus |
| 3 Uterus (endometrium) | 15 Palmate folds (of cervix of uterus) |
| 4 Uterus (cavity) | 16 Rectum |
| 5 Rectus abdominis muscle | 17 Cervical canal |
| 6 Vesico-uterine pouch | 18 Rectouterine pouch (of Douglas) |
| 7 Urinary bladder | 19 Portio |
| 8 Fatty layer between urinary bladder, urethra, and vagina | 20 Anococcygeal ligament and levator ani muscle |
| 9 Vagina (wall) | 21 Fatty layer between vagina and rectum |
| 10 Urethra | 22 Anal canal and anus |
| 11 Pubis | 23 Perineal body |
| 12 Deep transverse perineal muscle | 24 External anal sphincter muscle |

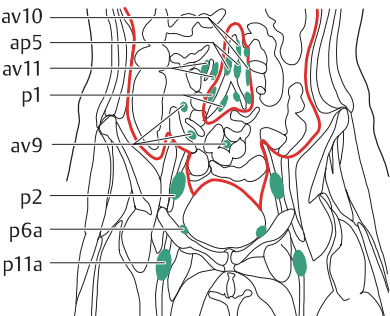
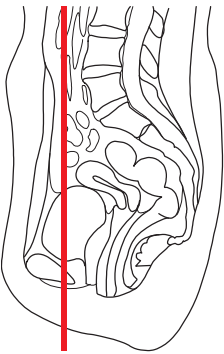


● = Lymph node (see inside back cover)
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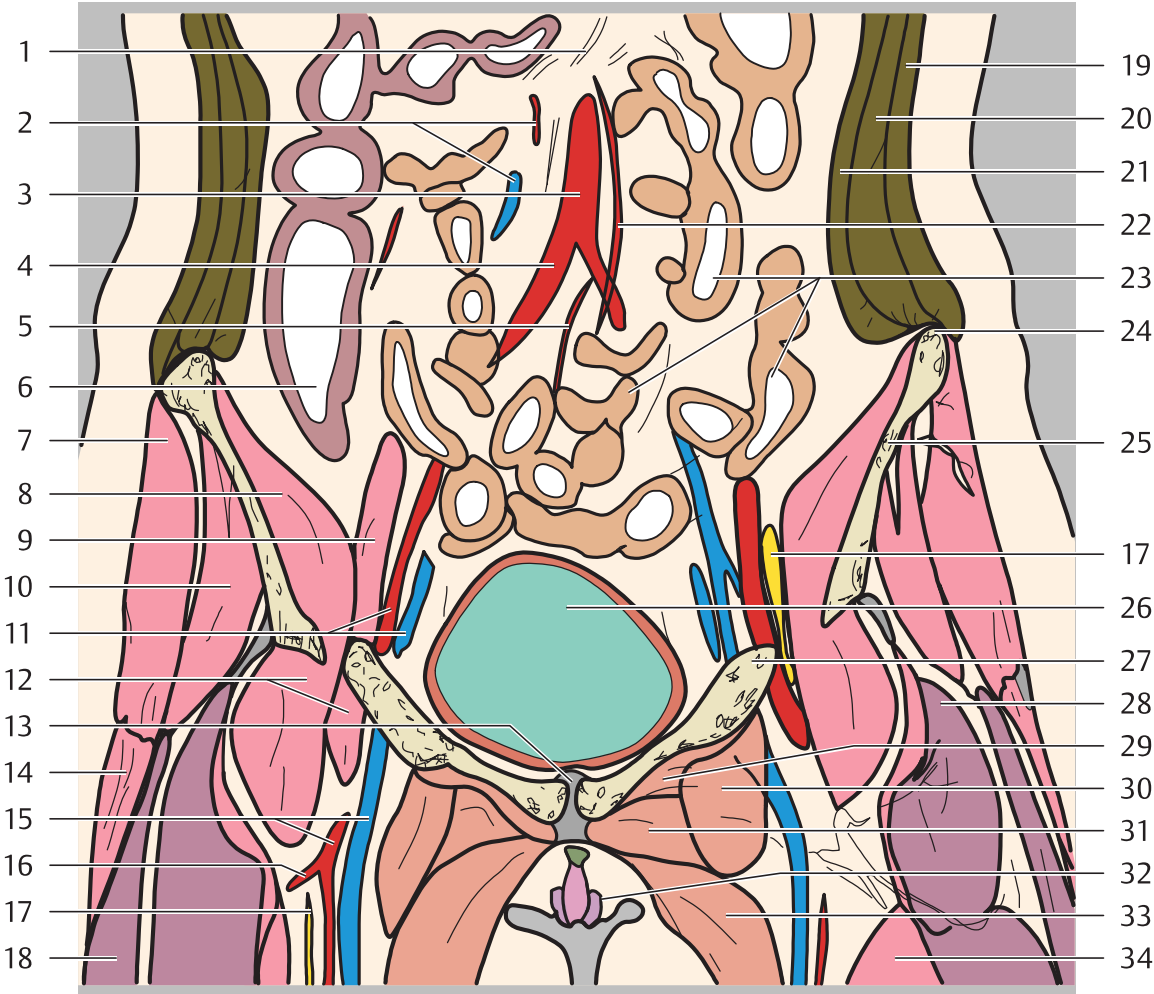


- 1 Small intestine
- 2 Internal abdominal oblique muscle
- 3 External abdominal oblique muscle
- 4 Anterior superior iliac spine
- 5 Superficial epigastric artery
- 6 Gluteus medius muscle
- 7 Femoral artery, vein, and nerve
- 8 Pectineus muscle
- 9 Pubic symphysis
- 10 Rectus femoris muscle

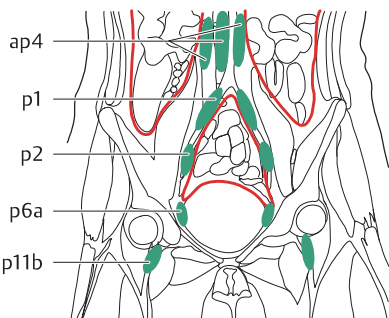
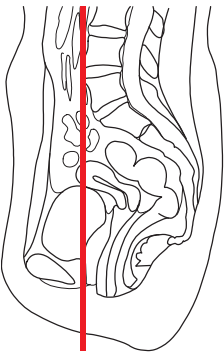
- 11 Rectus abdominis muscle
- 12 Ilium
- 13 Transversus abdominis muscle
- 14 Iliopsoas muscle
- 15 Pyramidalis muscle
- 16 Tensor fasciae latae muscle
- 17 Pubis
- 18 Adductor longus muscle
- 19 Vastus lateralis muscle



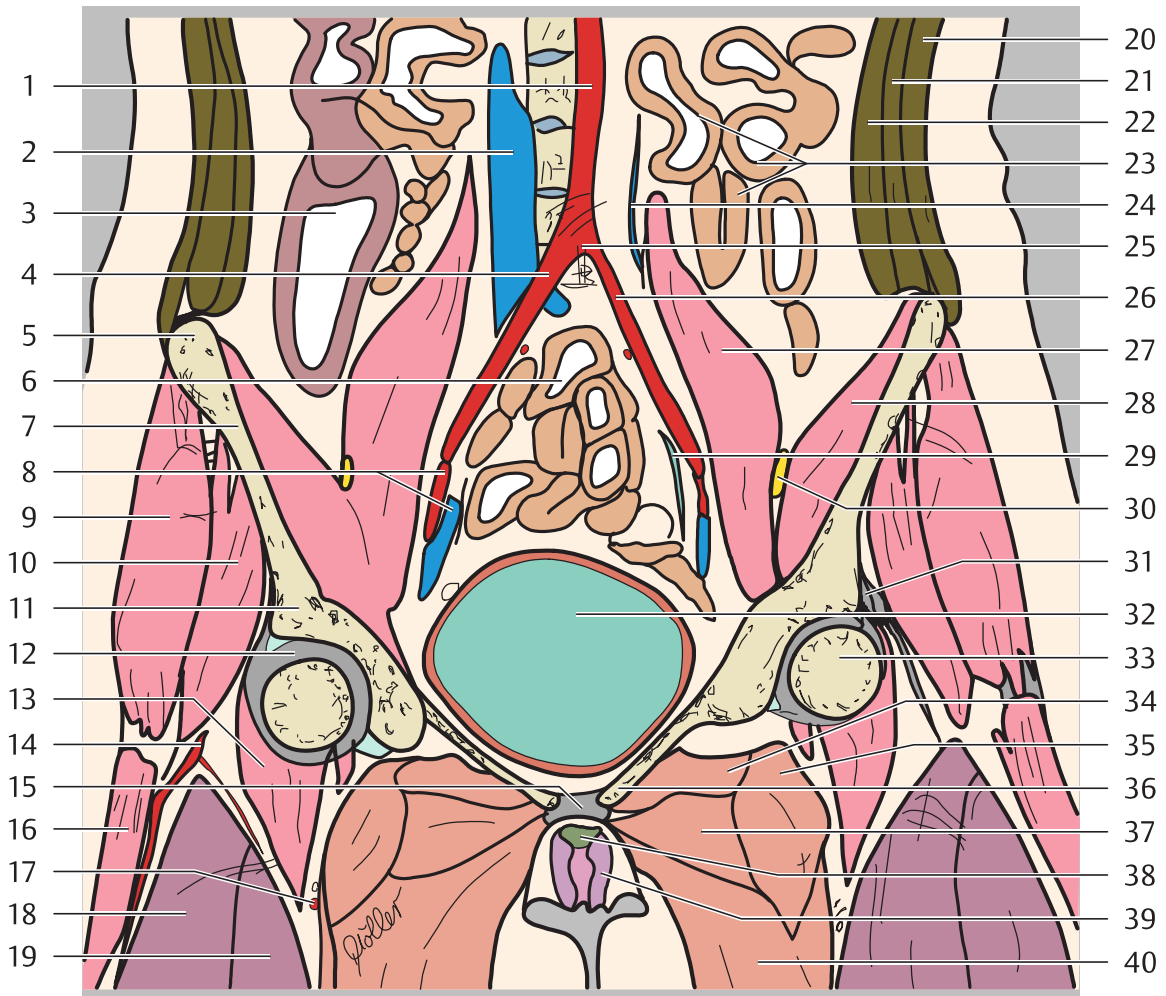
● = Lymph node (see inside back cover)
— = Peritoneum



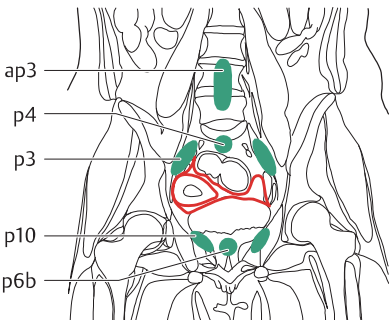
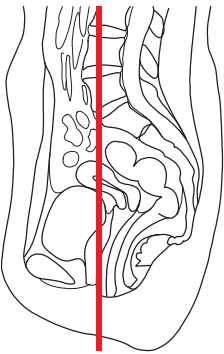
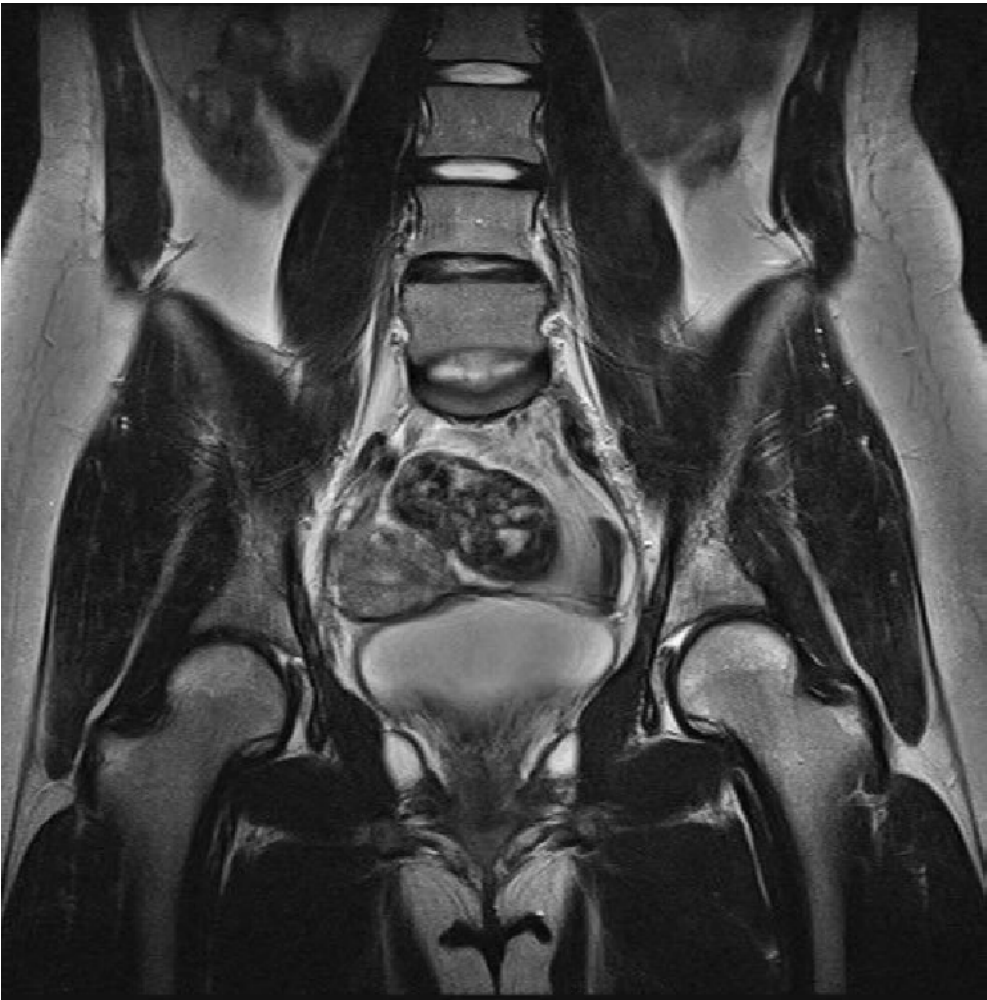
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|---------------------------------------|--------------------------------------|
| 1 Mesentery | 18 Vastus lateralis muscle |
| 2 Superior mesenteric artery and vein | 19 External abdominal oblique muscle |
| 3 Abdominal aorta | 20 Internal abdominal oblique muscle |
| 4 Right common iliac artery | 21 Transversus abdominis muscle |
| 5 Sigmoid artery | 22 Inferior mesenteric artery |
| 6 Ascending colon | 23 Jejunum |
| 7 Gluteus medius muscle | 24 Iliac crest |
| 8 Iliacus muscle | 25 Wing of ilium |
| 9 Psoas major muscle | 26 Urinary bladder |
| 10 Gluteus minimus muscle | 27 Pubis |
| 11 External iliac artery and vein | 28 Rectus femoris muscle |
| 12 Iliopsoas muscle | 29 Obturator externus muscle |
| 13 Symphysis | 30 Pectineus muscle |
| 14 Tensor fasciae latae muscle | 31 Adductor brevis muscle |
| 15 Femoral artery and vein | 32 Labium majus |
| 16 Deep artery of thigh | 33 Adductor longus muscle |
| 17 Femoral nerve | 34 Sartorius muscle |



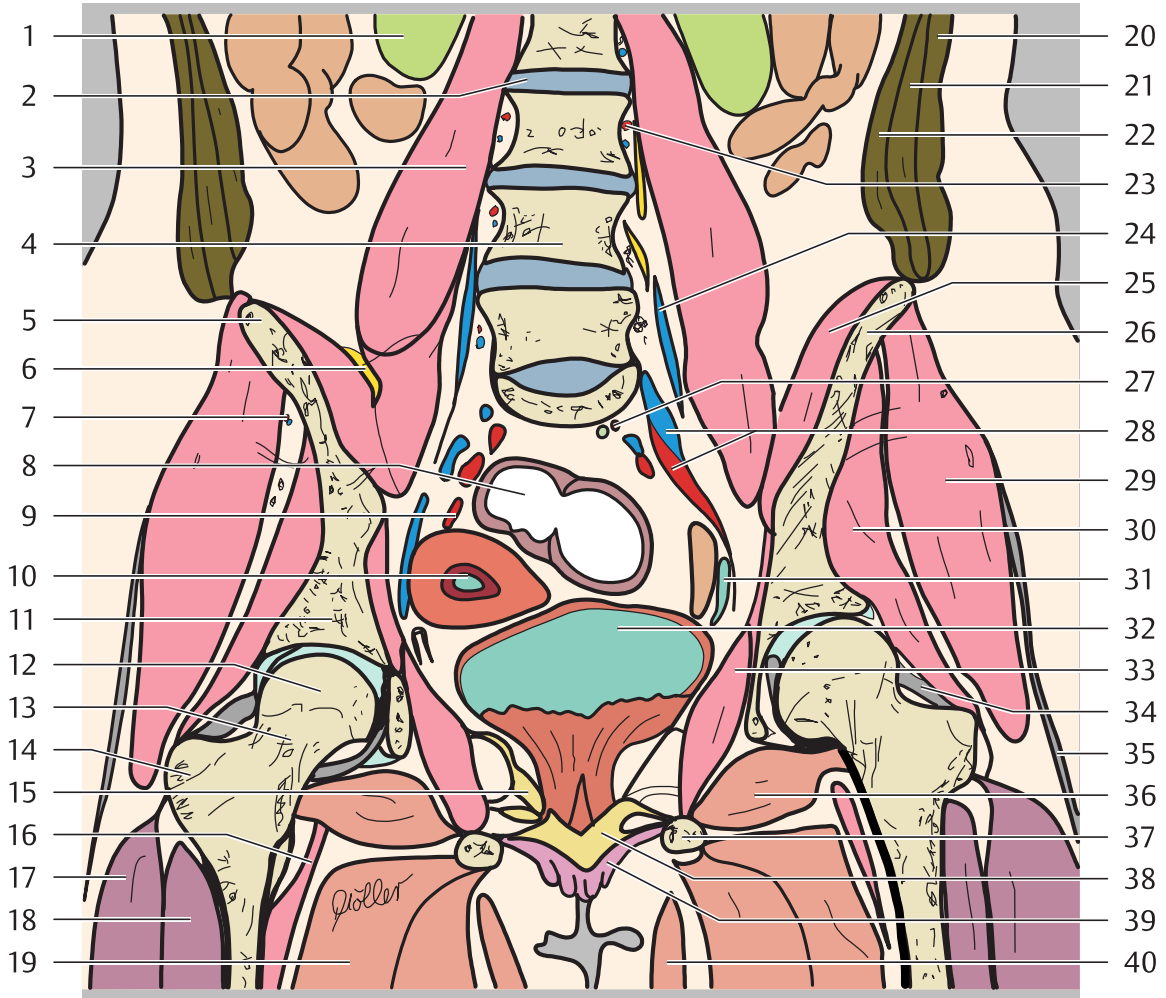
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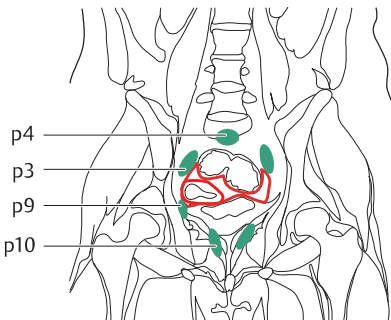
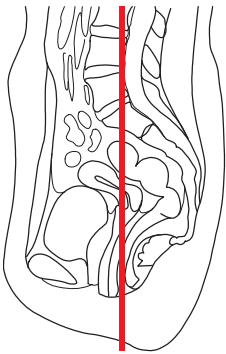
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|--|---|
| 1 Abdominal aorta | 22 Transversus abdominis muscle |
| 2 Inferior vena cava | 23 Jejunum |
| 3 Ascending colon | 24 Inferior mesenteric vein |
| 4 Right common iliac artery | 25 Aorta (bifurcation) |
| 5 Iliac crest | 26 Left common iliac artery |
| 6 Ileum | 27 Psoas major muscle |
| 7 Wing of ilium | 28 Iliacus muscle |
| 8 External iliac artery and vein | 29 Ureter |
| 9 Gluteus medius muscle | 30 Femoral nerve |
| 10 Gluteus minimus muscle | 31 Common tendon of rectus femoris muscle and vastus lateralis muscle |
| 11 Acetabular roof (body of ilium) | 32 Urinary bladder |
| 12 Iliofemoral ligament with joint capsule | 33 Head of femur |
| 13 Iliopsoas muscle | 34 Obturator externus muscle |
| 14 Circumflex femoral artery | 35 Pectineus muscle |
| 15 Transverse perineal ligament | 36 Pubis |
| 16 Tensor fasciae latae muscle | 37 Adductor brevis muscle |
| 17 Deep artery of thigh | 38 Clitoris (crus) |
| 18 Vastus lateralis muscle | 39 Labium majus |
| 19 Rectus femoris muscle | 40 Adductor longus muscle |
| 20 External abdominal oblique muscle | |
| 21 Internal abdominal oblique muscle | |



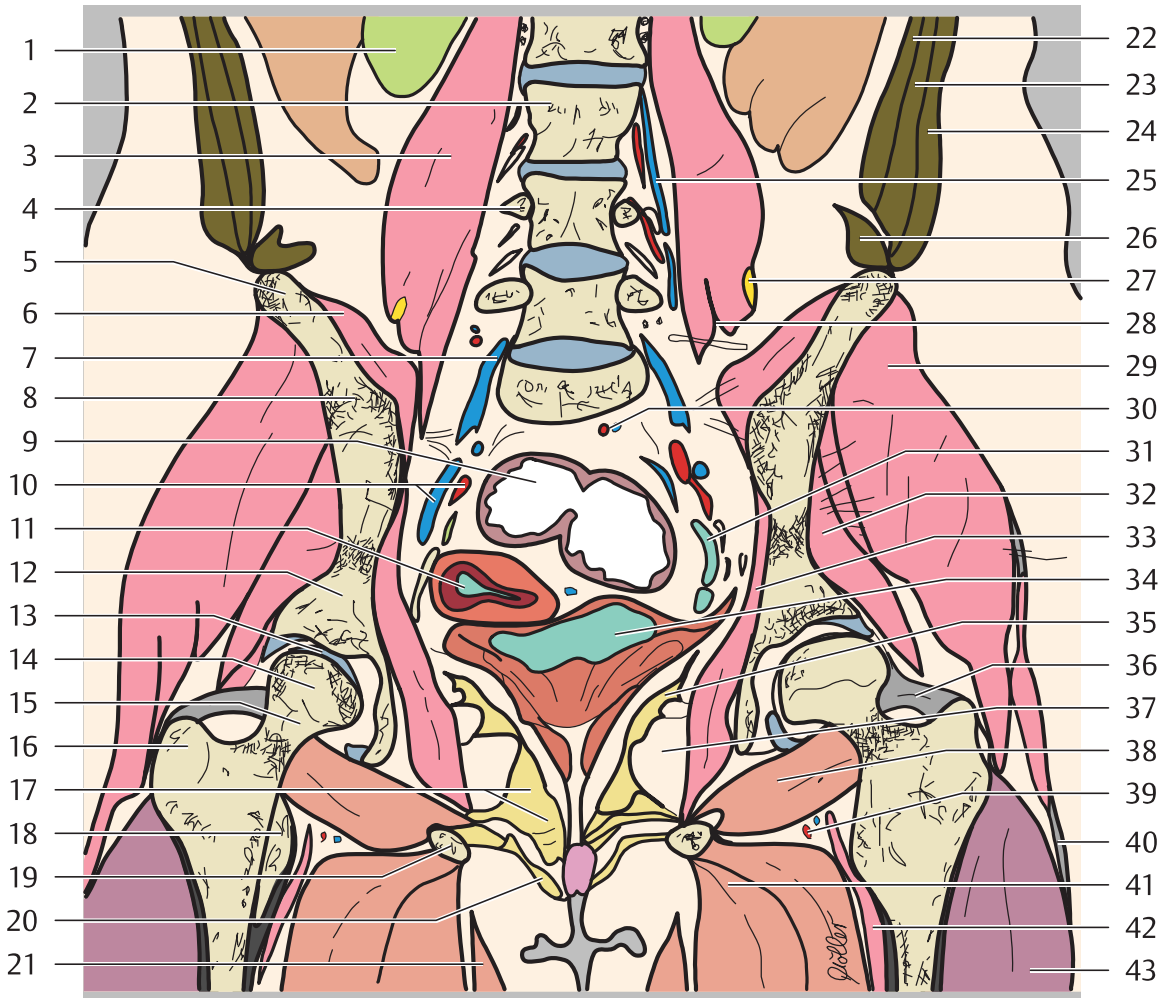
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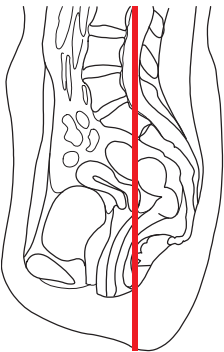
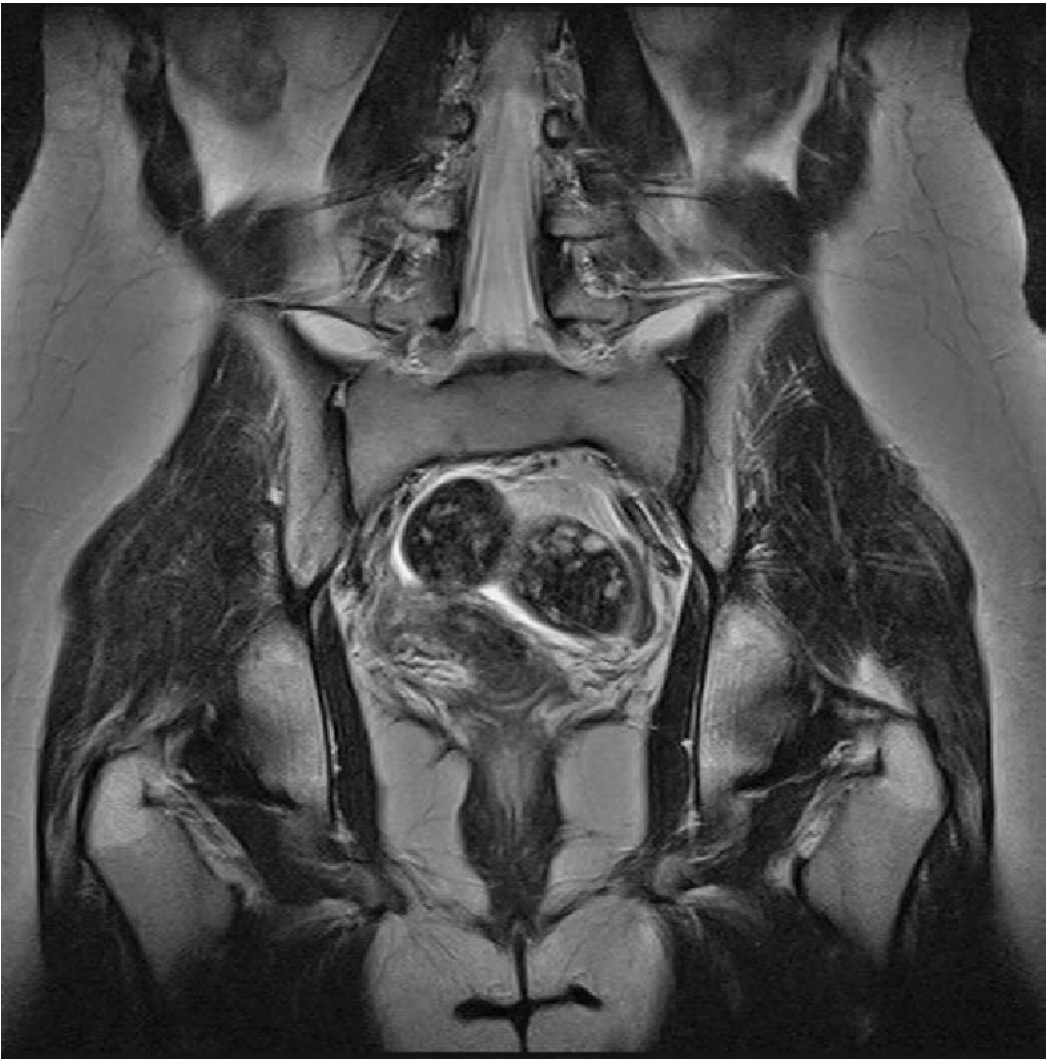
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|--------------------------------------|--------------------------------------|
| 1 Right kidney | 21 Internal abdominal oblique muscle |
| 2 Intervertebral disk L2-L3 | 22 Transversus abdominis muscle |
| 3 Psoas major muscle | 23 Lumbar artery and vein |
| 4 Lumbar vertebra (L4) | 24 Iliolumbar artery and vein |
| 5 Iliac crest | 25 Iliacus muscle |
| 6 Femoral nerve | 26 Wing of ilium |
| 7 Superior gluteal artery and vein | 27 Superior rectal artery |
| 8 Sigmoid colon | 28 Internal iliac artery and vein |
| 9 Uterine artery | 29 Gluteus medius muscle |
| 10 Uterus (cavity) | 30 Gluteus minimus muscle |
| 11 Acetabular roof (body of ilium) | 31 Ureter |
| 12 Head of femur | 32 Urinary bladder |
| 13 Neck of femur | 33 Obturator internus muscle |
| 14 Greater trochanter | 34 Iliofemoral ligament |
| 15 Levator ani muscle | 35 Iliotibial tract |
| 16 Iliopsoas muscle | 36 Obturator externus muscle |
| 17 Vastus lateralis muscle | 37 Ischium (ramus) |
| 18 Vastus intermedius muscle | 38 Deep transverse perineal muscle |
| 19 Adductor magnus muscle | 39 Labium minus |
| 20 External abdominal oblique muscle | 40 Gracilis muscle |



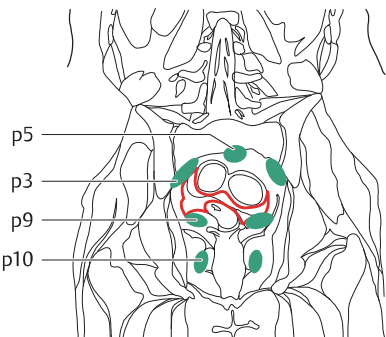
● = Lymph node (see inside back cover)
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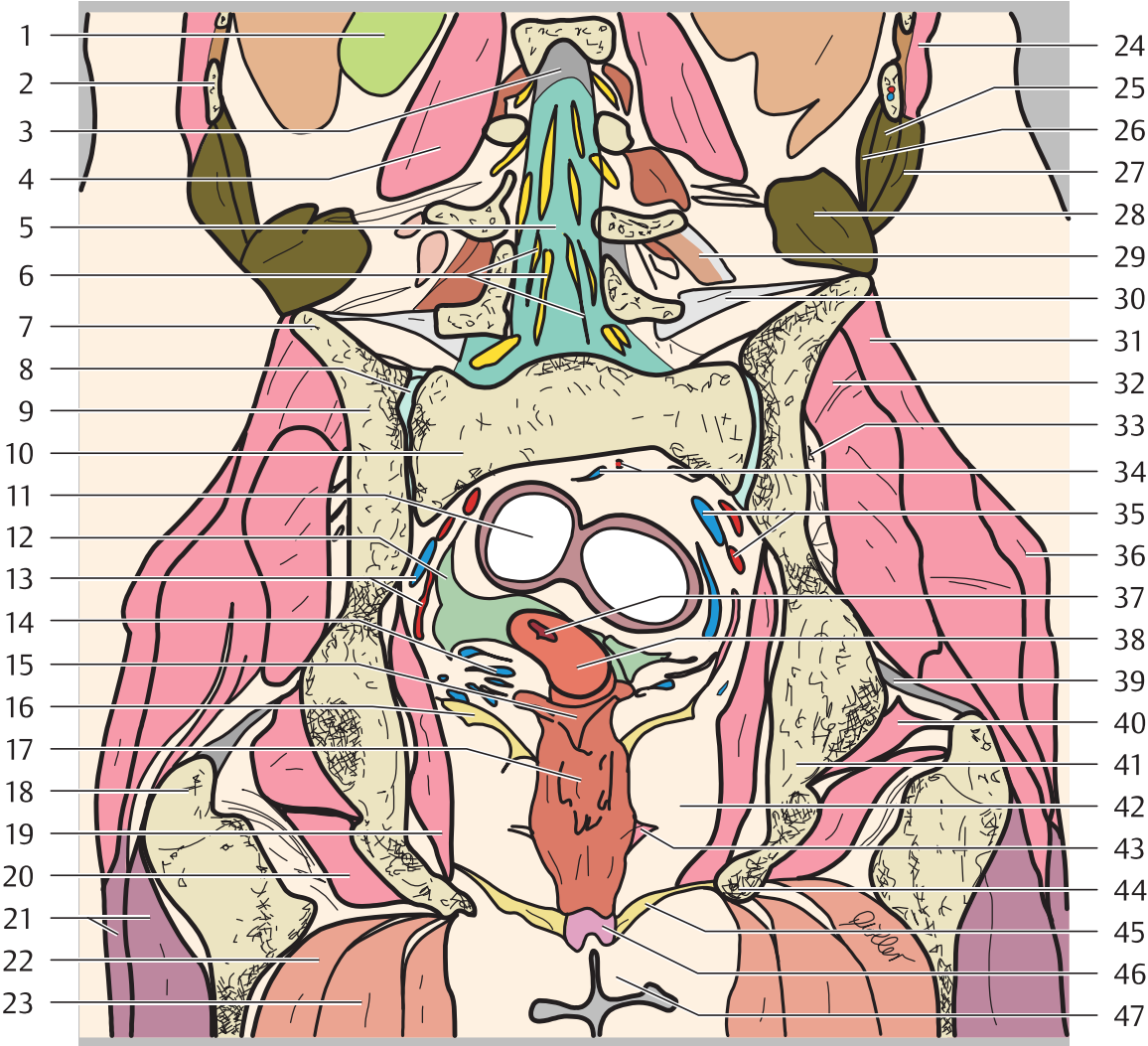
- | | |
|------------------------------------|--------------------------------------|
| 1 Right kidney | 23 Internal abdominal oblique muscle |
| 2 Lumbar vertebra (L3) | 24 External abdominal oblique muscle |
| 3 Psoas major muscle | 25 Lumbar artery and vein |
| 4 Transverse process (L4) | 26 Quadratus lumborum muscle |
| 5 Iliac crest | 27 Femoral nerve |
| 6 Iliacus muscle | 28 Obturator nerve |
| 7 Ascending lumbar vein | 29 Gluteus medius muscle |
| 8 Wing of ilium | 30 Superior rectal artery |
| 9 Sigmoid colon | 31 Ureter |
| 10 Internal iliac artery and vein | 32 Gluteus minimus muscle |
| 11 Uterus (cavity) | 33 Obturator internus muscle |
| 12 Acetabular roof (body of ilium) | 34 Urinary bladder |
| 13 Hip joint | 35 Levator ani muscle |
| 14 Head of femur | 36 Iliofemoral ligament |
| 15 Neck of femur | 37 Ischiorectal fossa |
| 16 Greater trochanter | 38 Obturator externus muscle |
| 17 Deep transverse perineal muscle | 39 Medial circumflex femoral artery |
| 18 Lesser trochanter | 40 Iliotibial tract |
| 19 Ischium (ramus) | 41 Adductor magnus muscle |
| 20 Bulbospongiosus muscle | 42 Iliopsoas muscle |
| 21 Gracilis muscle | 43 Vastus lateralis muscle |
| 22 Transversus abdominis muscle | |



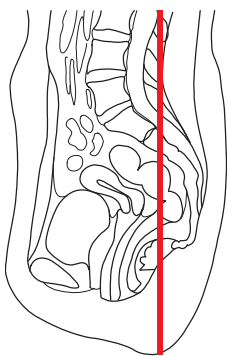
- 1 Right kidney
- 2 Rib (11)
- 3 Spinal dura
- 4 Psoas major muscle
- 5 Spinal canal
- 6 Cauda equina
- 7 Iliac crest



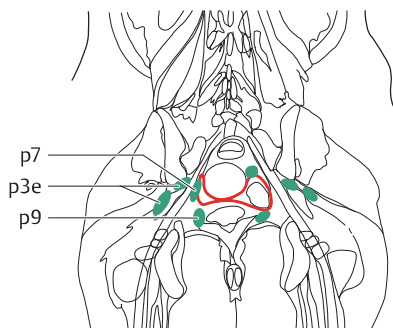
● = Lymph node (see inside back cover)
— = Peritoneum



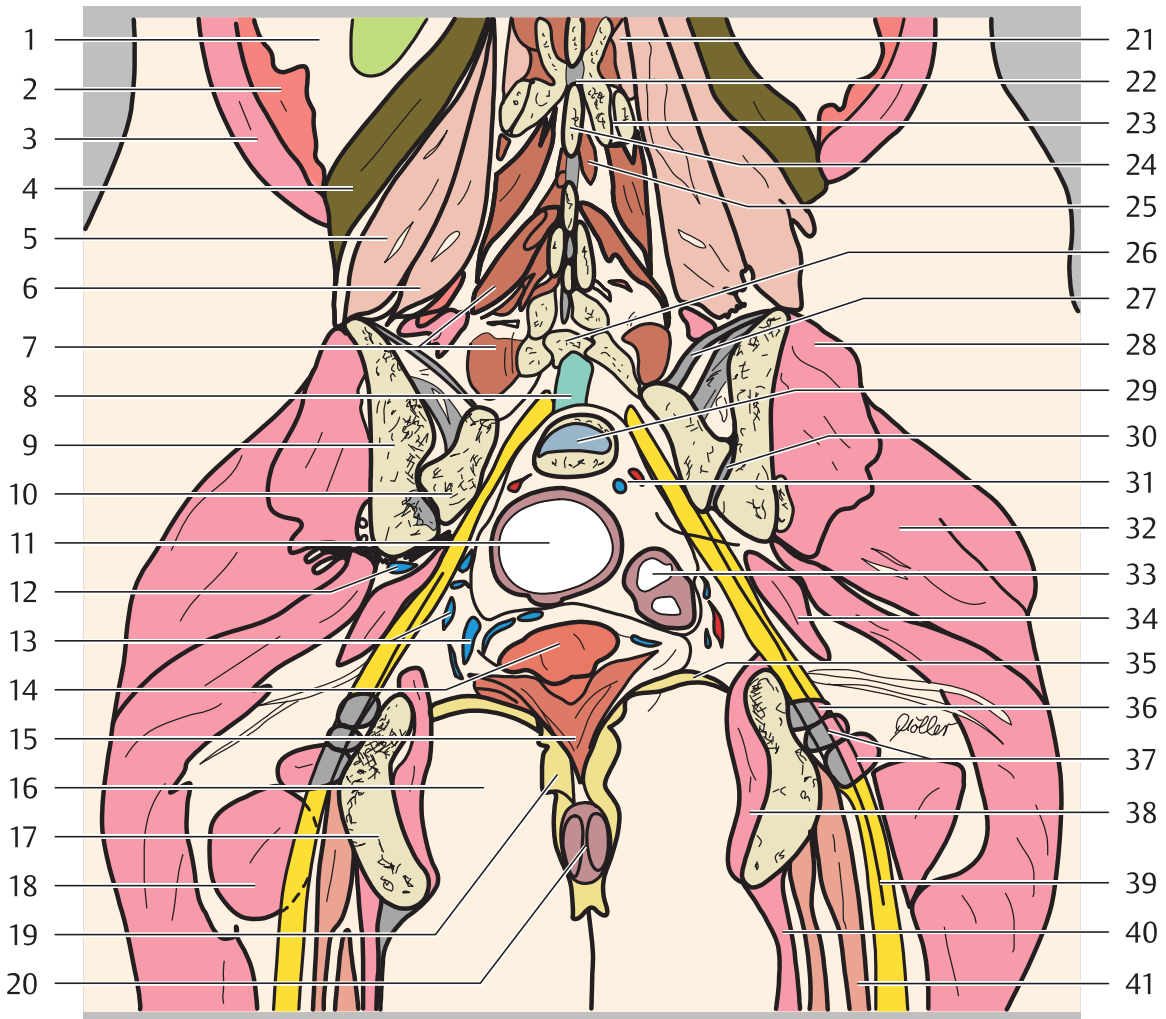
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|----|---|----|--|
| 8 | Sacroiliac joint | 30 | Iliolumbar ligament and iliocostalis muscle (erector spinae muscle, lateral tract) |
| 9 | Wing of ilium | 31 | Gluteus medius muscle |
| 10 | Sacrum | 32 | Gluteus minimus muscle |
| 11 | Sigmoid colon | 33 | Superior gluteal artery and vein |
| 12 | Uterine tube (infundibulum) | 34 | Sigmoid arteries and veins |
| 13 | Uterine artery and vein | 35 | Internal iliac artery and vein |
| 14 | Uterine venous plexus | 36 | Gluteus maximus muscle |
| 15 | Vagina (fornix) | 37 | Cervical canal |
| 16 | Levator ani muscle | 38 | Cervix of uterus |
| 17 | Vagina | 39 | Iliofemoral ligament |
| 18 | Greater trochanter | 40 | Obturator externus muscle |
| 19 | Obturator internus muscle | 41 | Ischium |
| 20 | Quadratus femoris muscle | 42 | Ischiorectal fossa |
| 21 | Vastus lateralis muscle | 43 | Pubovaginalis muscle |
| 22 | Semitendinosus muscle | 44 | Ischium (ramus) |
| 23 | Adductor magnus muscle | 45 | Deep transverse perineal muscle (urogenital diaphragm) |
| 24 | Latissimus dorsi muscle | 46 | Bulbospongiosus muscle |
| 25 | Internal abdominal oblique muscle | 47 | Labium minus |
| 26 | Transversus abdominis muscle | | |
| 27 | External abdominal oblique muscle | | |
| 28 | Quadratus lumborum muscle | | |
| 29 | Multifidus muscle and lumbar intertransversarii muscles | | |



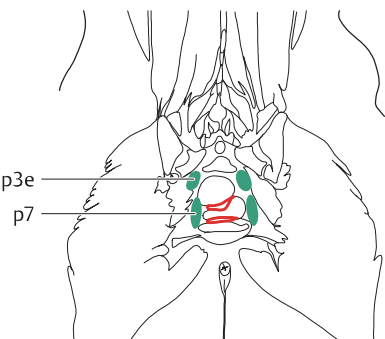
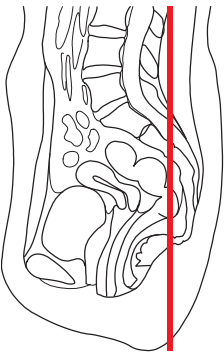
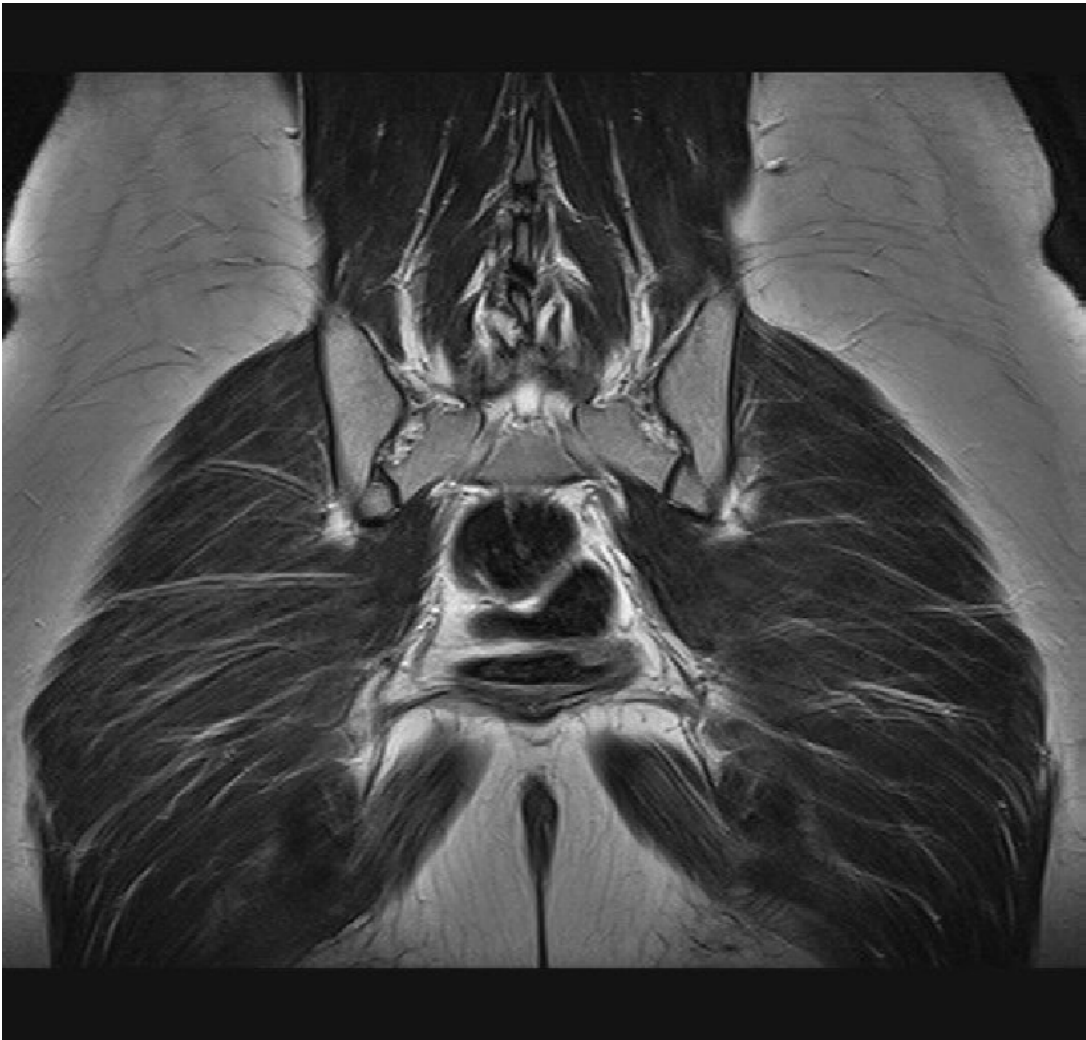
- 1 Fatty capsule of kidney
- 2 Serratus posterior inferior muscle
- 3 Latissimus dorsi muscles
- 4 Quadratus lumborum muscle
- 5 Iliocostalis muscle (part of erector spinae muscle, lateral tract)
- 6 Longissimus muscle (part of erector spinae muscle, lateral tract)



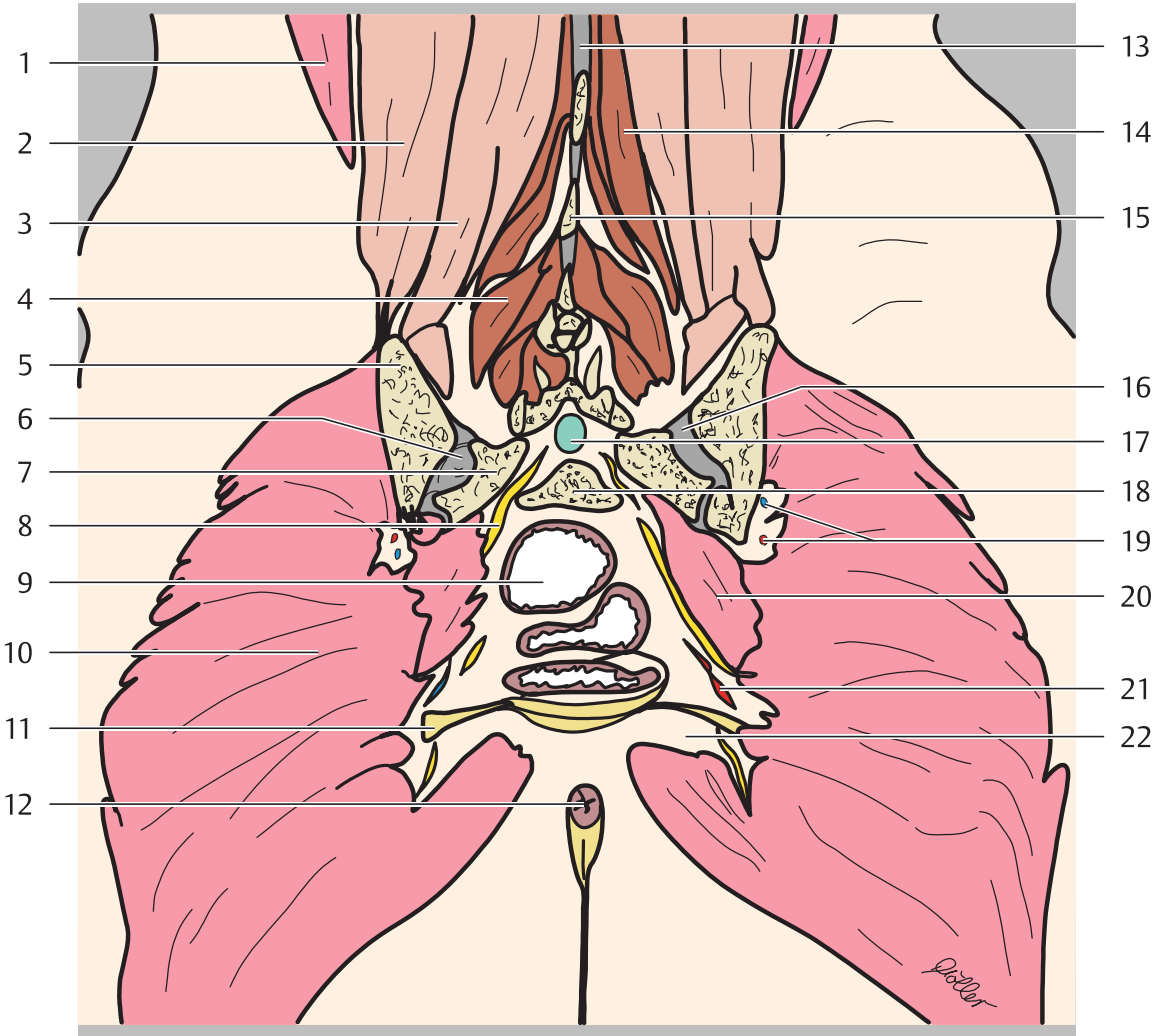
● = Lymph node (see inside back cover)
— = Peritoneum



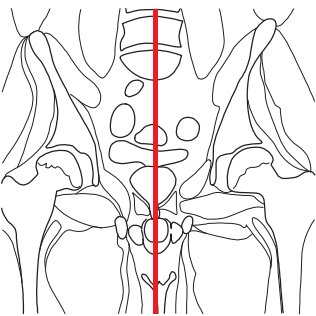
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|---|--|
| 7 Multifidus muscle (part of transversospinales muscles) | 24 Spinous process |
| 8 Spinal canal | 25 Interspinalis muscles (part of erector spinae muscle, medial tract) |
| 9 Wing of ilium | 26 Lumbar vertebra L5 (vertebral arch) |
| 10 Sacrum | 27 Sacroiliac ligaments |
| 11 Rectum | 28 Gluteus medius muscle |
| 12 Superior gluteal veins | 29 Intervertebral disk S1–S2 |
| 13 Uterine and rectal venous plexus | 30 Sacroiliac joint |
| 14 Vaginal part of uterus | 31 Sigmoid arteries and veins |
| 15 Vagina (posterior wall) | 32 Gluteus maximus muscle |
| 16 Ischiorectal fossa | 33 Sigmoid colon |
| 17 Ischium | 34 Piriformis muscle |
| 18 Quadratus femoris muscle | 35 Levator ani muscle |
| 19 External anal sphincter muscle | 36 Gemellus superior muscle |
| 20 Anus | 37 Gemellus inferior muscle |
| 21 Intertransversarii muscles (part of erector spinae muscle, medial tract) | 38 Obturator internus muscle |
| 22 Interspinal ligaments | 39 Sciatic nerve |
| 23 Zygapophysial joint | 40 Semitendinosus muscle |
| | 41 Adductor magnus muscle |



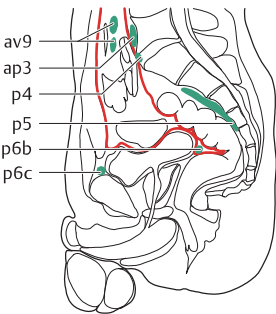
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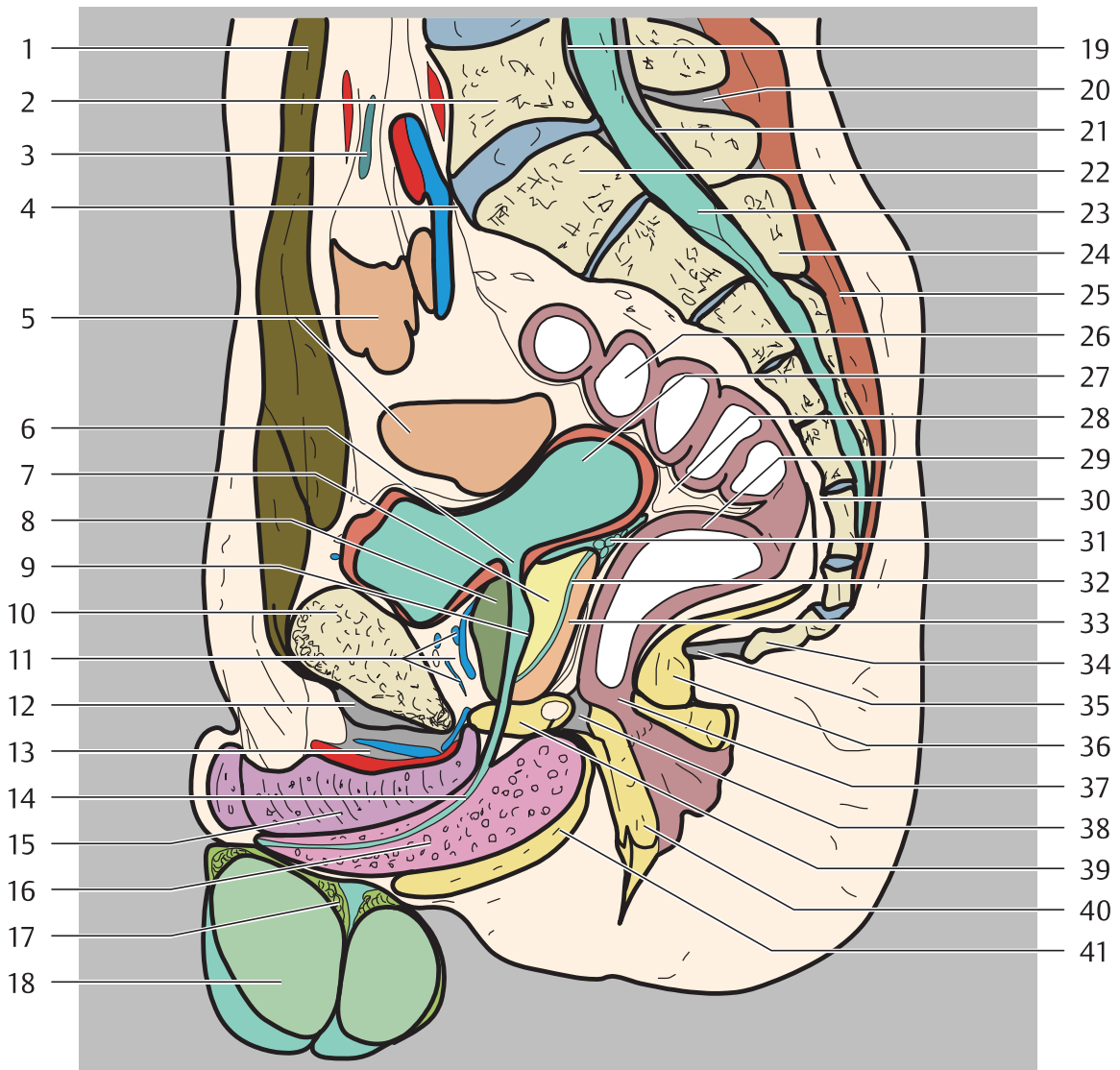
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|----|--|----|---|
| 1 | Latissimus dorsi muscle | 11 | Levator ani muscle |
| 2 | Iliocostalis muscle (part of erector spinae muscle, lateral tract) | 12 | External anal sphincter muscle |
| 3 | Longissimus muscle (part of erector spinae muscle, lateral tract) | 13 | Interspinal ligaments |
| 4 | Transversospinales muscles (part of erector spinae muscle, medial tract) | 14 | Spinalis muscle (part of erector spinae muscle, medial tract) |
| 5 | Ilium | 15 | Spinous process |
| 6 | Sacroiliac joint | 16 | Dorsal sacroiliac ligament |
| 7 | Sacrum (lateral part or mass of sacrum) | 17 | Spinal canal |
| 8 | Sacral nerves | 18 | Sacrum (S2) |
| 9 | Rectum (ampulla) | 19 | Superior gluteal artery and vein |
| 10 | Gluteus maximus muscle | 20 | Piriformis muscle |
| | | 21 | Inferior gluteal artery, vein, and nerve |
| | | 22 | Ischioanal fossa |



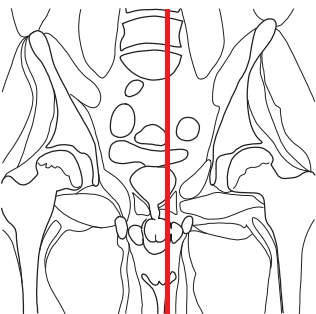
- 1 Rectus abdominis muscle
- 2 Lumbar vertebra (L5)
- 3 Mesentery
- 4 Promontory of sacrum
- 5 Small intestine
- 6 Urinary bladder (internal urethra orifice)



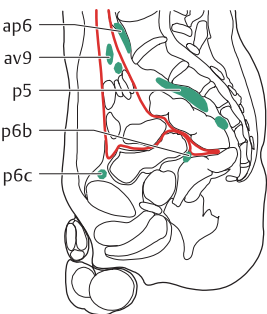
● = Lymph node (see inside back cover)
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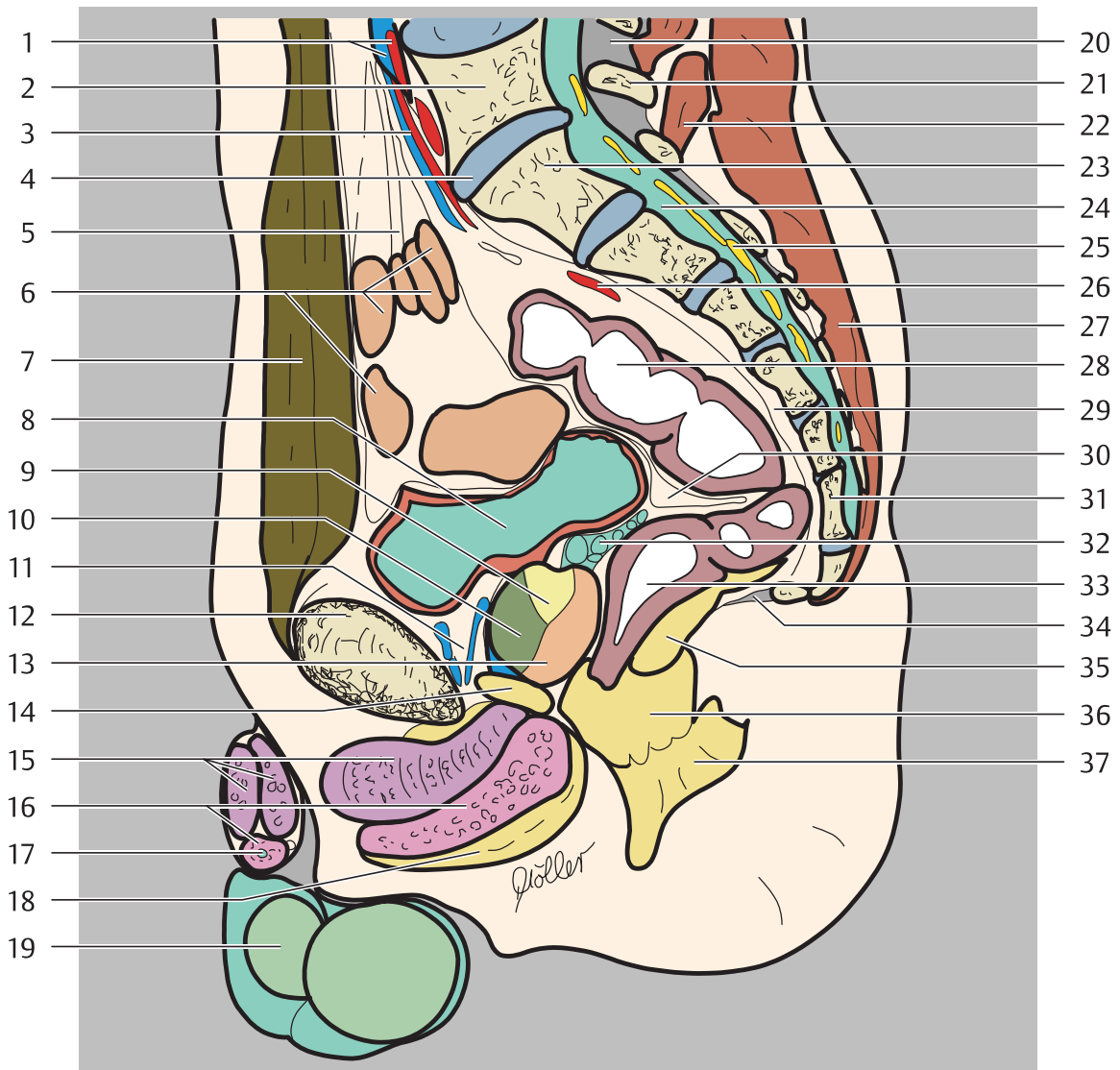
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|--|---|
| 7 Prostate (central zone) | 24 Spinous process |
| 8 Prostate (anterior fibromuscular stroma) | 25 Erector spinae muscle, medial tract |
| 9 Seminal colliculus | 26 Sigmoid colon |
| 10 Pubis | 27 Urinary bladder |
| 11 Retropubic space with vesical and prostatic venous plexus | 28 Rectovesical pouch |
| 12 Arcuate pubic ligament | 29 Rectum |
| 13 Suspensory ligament of penis | 30 Presacral space |
| 14 Urethra | 31 Seminal vesicle |
| 15 Corpus cavernosum | 32 Ejaculatory duct |
| 16 Corpus spongiosum | 33 Prostate, peripheral zone |
| 17 Epididymis | 34 Coccyx |
| 18 Testis | 35 Anococcygeal ligament |
| 19 Posterior longitudinal ligament | 36 Levator ani muscle |
| 20 Interspinous ligaments | 37 Anus |
| 21 Ligamenta flava | 38 Perineal body |
| 22 Sacrum (S1) | 39 Urogenital diaphragm with bulbo-urethral gland |
| 23 Spinal canal | 40 External anal sphincter muscle |
| | 41 Bulbospongiosus muscle |



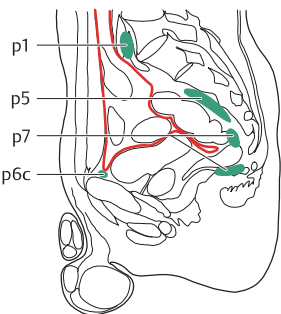
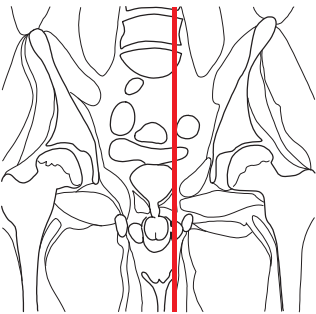
- 1 Common iliac artery and vein
- 2 Lumbar vertebra (L5)
- 3 Internal iliac artery and vein
- 4 Intervertebral disk L5-S1
- 5 Mesentery
- 6 Small intestine
- 7 Rectus abdominis muscle



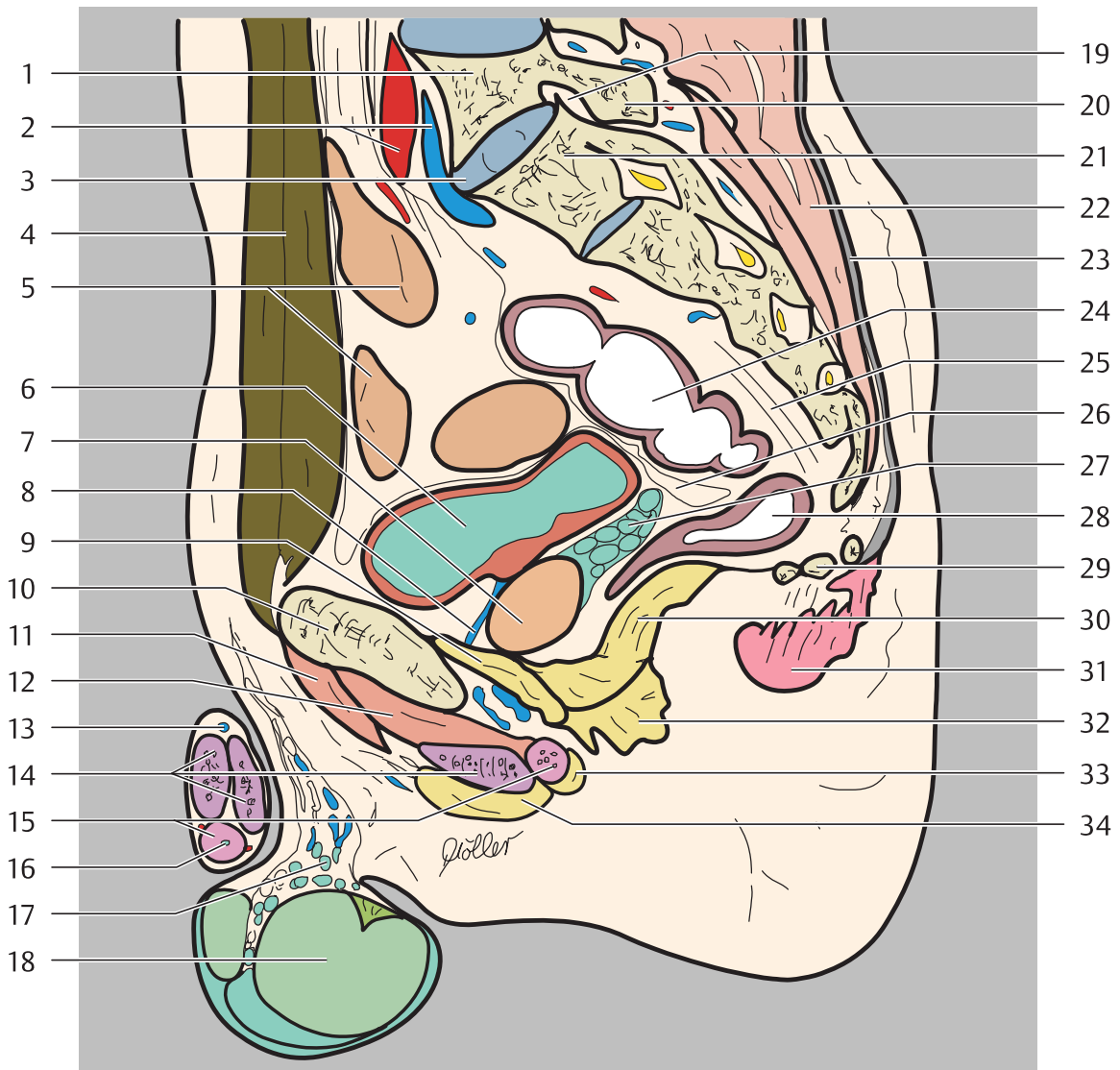
● = Lymph node (see inside back cover)
— = Peritoneum



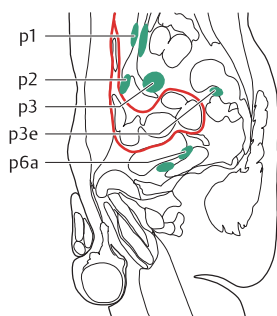
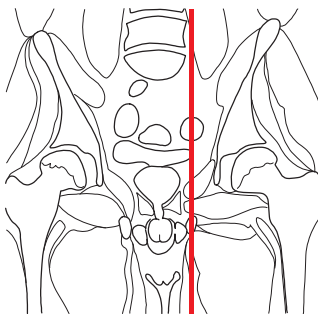
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|--|---|
| 8 Urinary bladder | 23 Sacrum (S1) |
| 9 Prostate (central zone) | 24 Spinal canal |
| 10 Prostate (anterior fibromuscular stroma) | 25 Spinal nerve (part of cauda equina) |
| 11 Retropubic space with vesical and prostatic venous plexus | 26 Lateral sacral artery |
| 12 Pubis | 27 Multifidus muscle (erector spinae muscle, medial tract) |
| 13 Prostate (peripheral zone) | 28 Sigmoid colon |
| 14 Urogenital diaphragm | 29 Presacral space |
| 15 Corpus cavernosum | 30 Rectovesical pouch |
| 16 Corpus spongiosum | 31 Coccyx |
| 17 Urethra | 32 Seminal vesicle |
| 18 Bulbospongiosus muscle | 33 Rectum |
| 19 Testis | 34 Anococcygeal ligament |
| 20 Ligamenta flava | 35 Levator ani muscle |
| 21 Spinous process | 36 External anal sphincter muscle (superficial and deep part) |
| 22 Multifidus muscle (erector spinae muscle, medial tract) | 37 External anal sphincter muscle (subcutaneous part) |



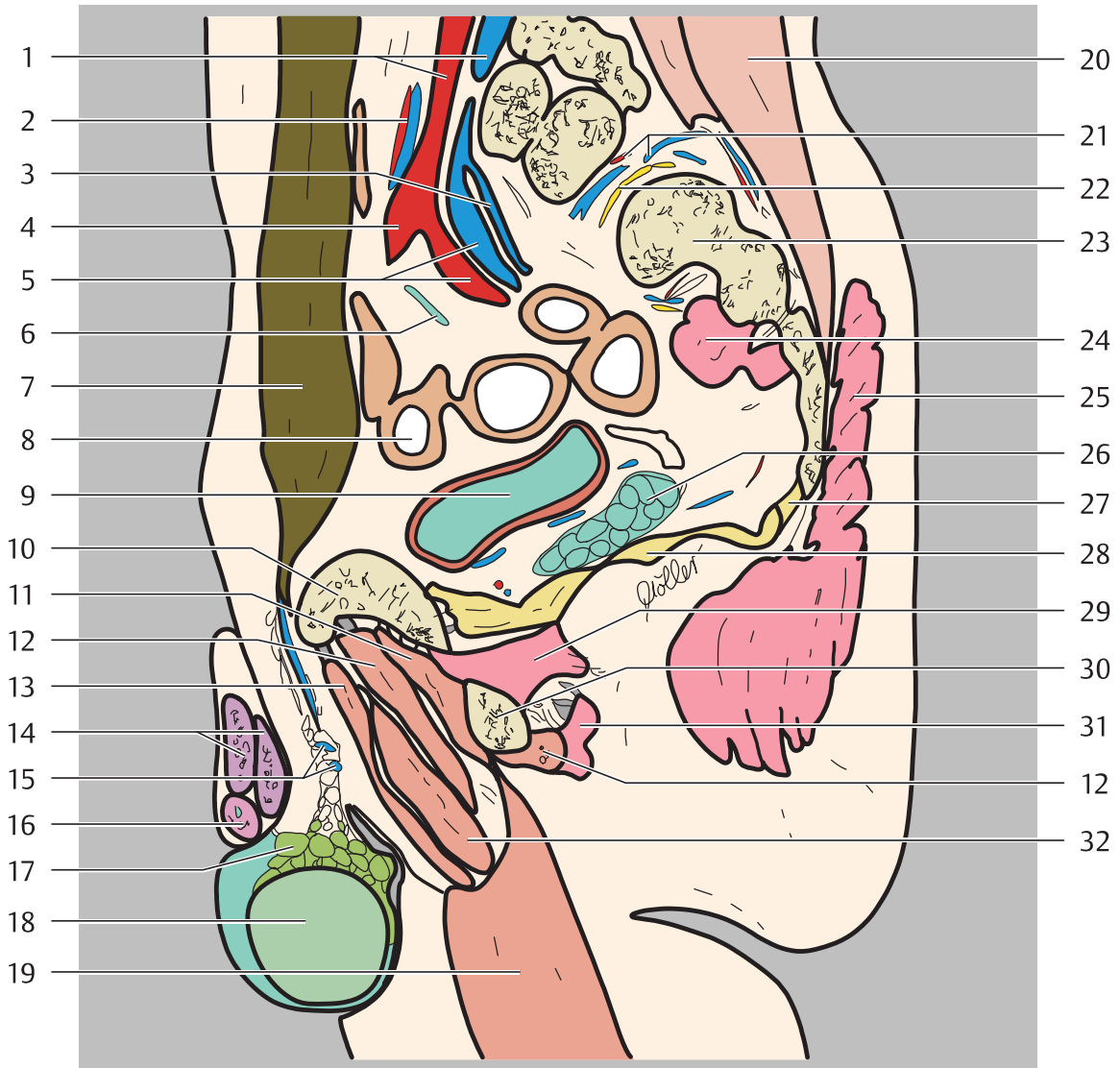
● = Lymph node (see inside back cover)
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|---|--|
| 1 Lumbar vertebra (L5) | 18 Testis |
| 2 Common iliac artery and vein | 19 Intervertebral foramen |
| 3 Intervertebral disk L5-S1 | 20 Inferior articular process |
| 4 Rectus abdominis muscle | 21 Sacrum (S1) |
| 5 Small intestine | 22 Erector spinae muscle (lateral tract) |
| 6 Urinary bladder | 23 Thoracolumbar fascia |
| 7 Prostate, peripheral zone | 24 Sigmoid colon |
| 8 Retropubic space with vesical and prostatic venous plexus | 25 Presacral space |
| 9 Urogenital diaphragm | 26 Rectovesical pouch |
| 10 Pubis | 27 Seminal vesicle |
| 11 Adductor brevis muscle | 28 Rectum |
| 12 Obturator externus muscle | 29 Coccyx |
| 13 Dorsal vein of penis | 30 Levator ani muscle |
| 14 Corpus cavernosum | 31 Gluteus maximus muscle |
| 15 Corpus spongiosum | 32 External anal sphincter muscle |
| 16 Urethra | 33 Bulbospongiosus muscle |
| 17 Epididymis | 34 Ischiocavernosus muscle |

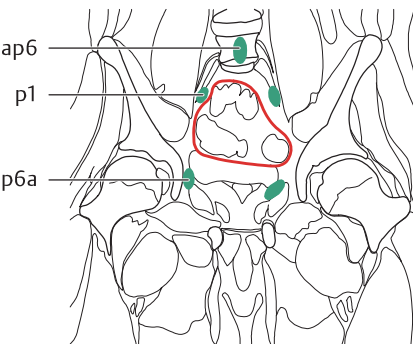
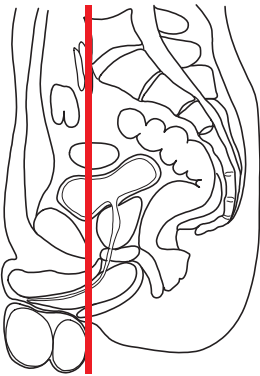


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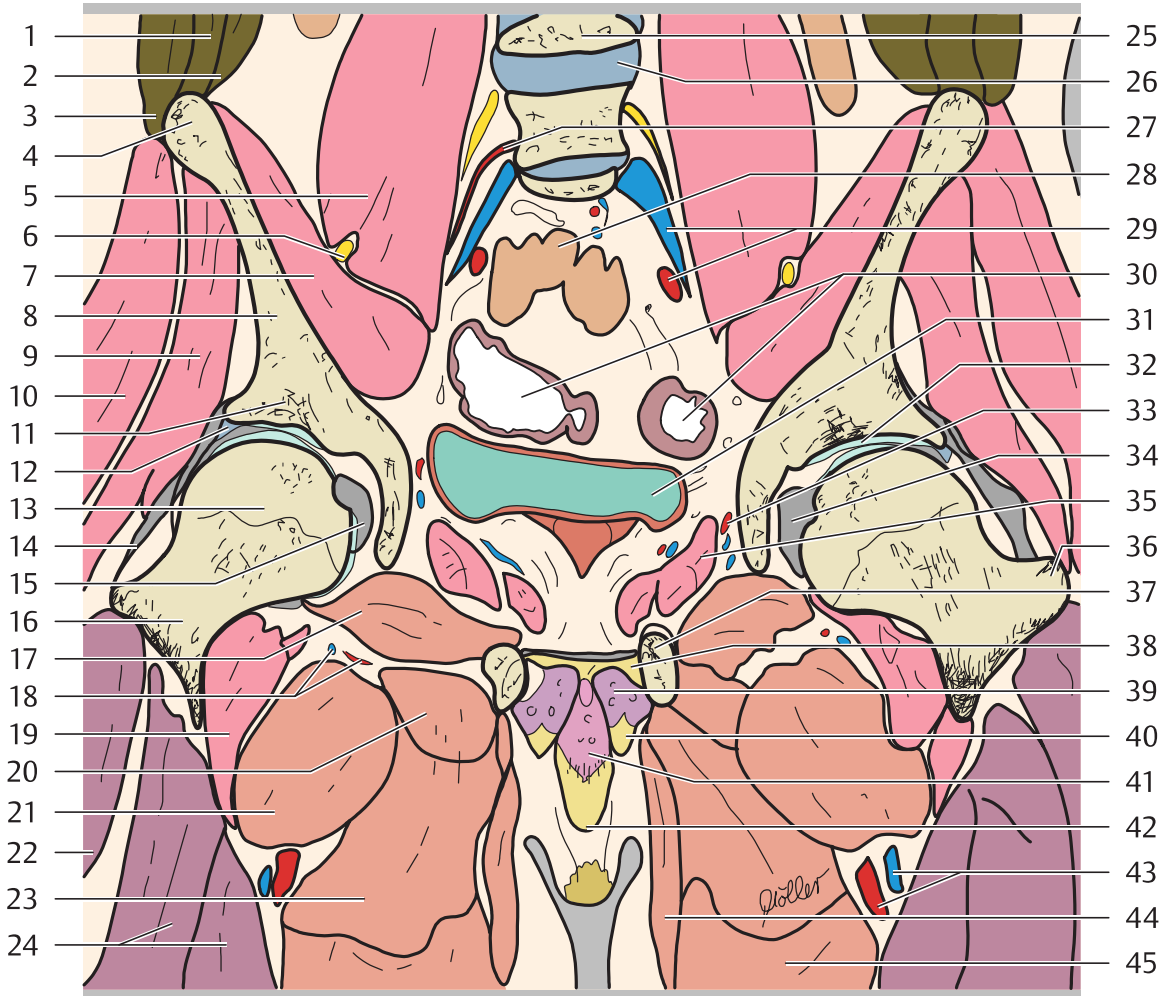


- 1 Common iliac artery and vein
- 2 Inferior mesenteric artery
- 3 Superior gluteal veins
- 4 External iliac artery
- 5 Internal iliac artery and vein
- 6 Ureter
- 7 Rectus abdominis muscle
- 8 Small intestine
- 9 Urinary bladder
- 10 Pubis
- 11 Obturator externus muscle
- 12 Adductor magnus muscle
- 13 Adductor longus muscle
- 14 Corpus cavernosum
- 15 Inguinal canal
- 16 Corpus spongiosum
- 17 Epididymis

- 18 Testis
- 19 Gracilis muscle
- 20 Longissimus muscle (part of erector spinae, lateral tract)
- 21 Lateral sacral arteries and veins
- 22 Sacral nerves
- 23 Sacrum (lateral part or mass of sacrum)
- 24 Piriformis muscle
- 25 Gluteus maximus muscle
- 26 Seminal vesicle
- 27 Coccygeus muscle
- 28 Levator ani muscle
- 29 Obturator internus muscle
- 30 Ischium
- 31 Semitendineus muscle
- 32 Adductor brevis muscle

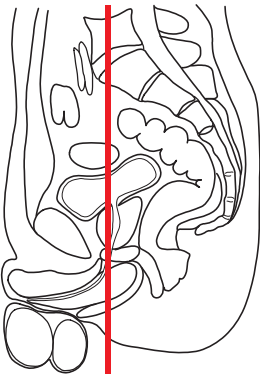
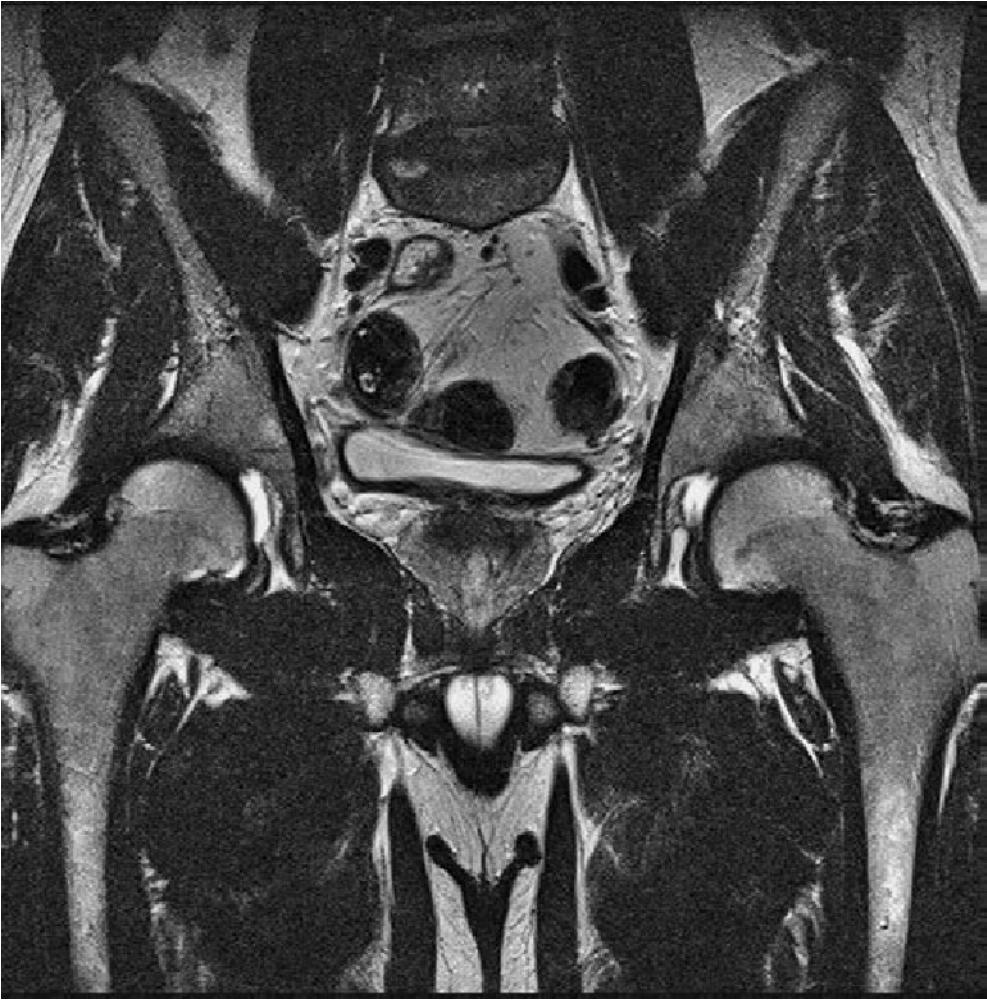


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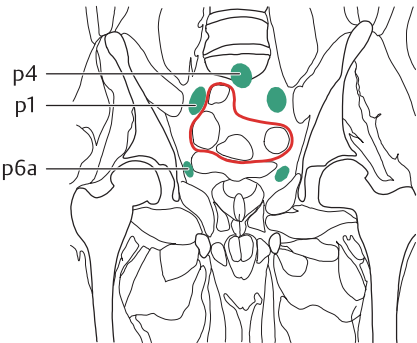


- 1 Internal abdominal oblique muscle
- 2 Transversus abdominis muscle
- 3 External abdominal oblique muscle
- 4 Anterior superior iliac spine
- 5 Psoas major muscle
- 6 Femoral nerve
- 7 Iliacus muscle
- 8 Ilium
- 9 Gluteus minimus muscle
- 10 Gluteus medius muscle
- 11 Acetabular roof
- 12 Acetabular lip
- 13 Femur (head)
- 14 Iliofemoral ligament
- 15 Ligament of head of femur
- 16 Neck of femur
- 17 Obturator externus muscle
- 18 Medial circumflex femoral artery
- 19 Iliopsoas muscle
- 20 Adductor minimus muscle
- 21 Pectineus muscle
- 22 Vastus lateralis muscle
- 23 Adductor brevis muscle

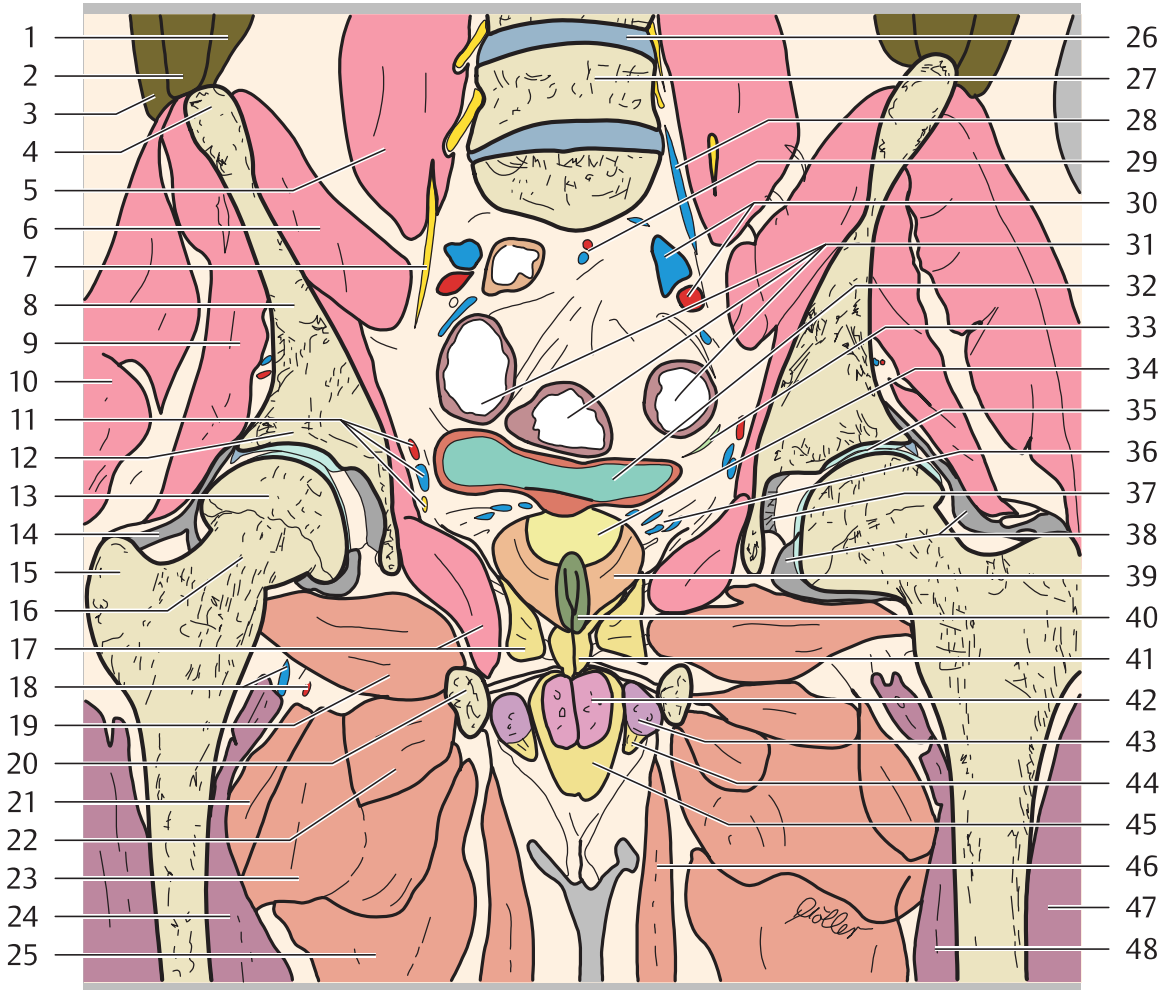
- 24 Vastus intermedius muscle
- 25 Lumbar vertebra (L4)
- 26 Intervertebral disk L4-L5
- 27 Lumbar arteries
- 28 Small intestine
- 29 Common iliac artery and vein
- 30 Sigmoid colon
- 31 Urinary bladder
- 32 Hip joint
- 33 Obturator artery and vein
- 34 Ligament of head of femur
- 35 Obturator internus muscle
- 36 Greater trochanter
- 37 Pubis
- 38 Urogenital diaphragm
- 39 Corpus cavernosum
- 40 Ischiocavernosus muscle
- 41 Corpus spongiosum
- 42 Bulbospongiosus muscle
- 43 Femoral artery and vein
- 44 Gracilis muscle
- 45 Adductor longus muscle



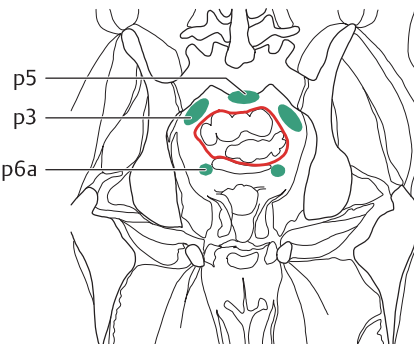
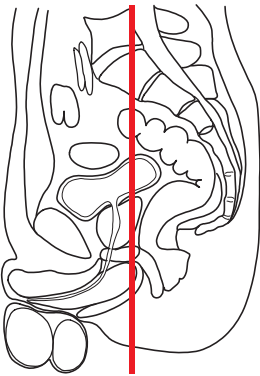
- 1 Transversus abdominis muscle
- 2 Internal oblique muscle
- 3 External oblique muscle
- 4 Anterior superior iliac spine
- 5 Psoas major muscle
- 6 Iliacus muscle
- 7 Obturator nerve



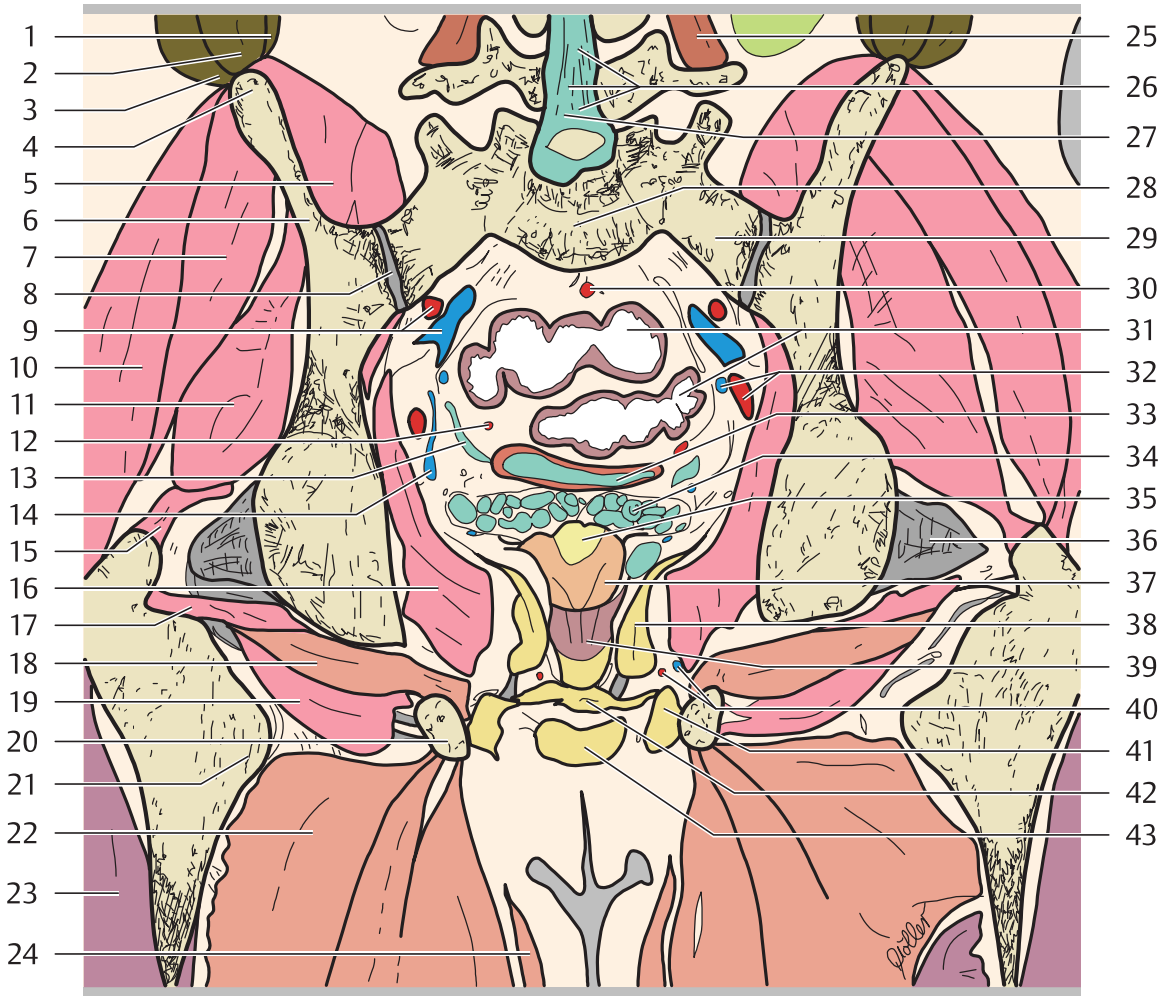
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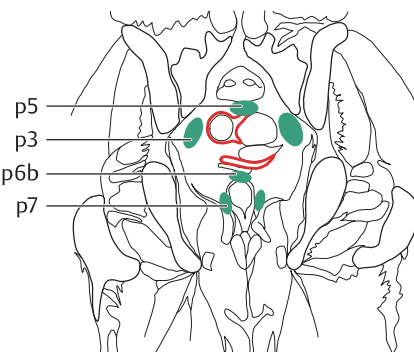
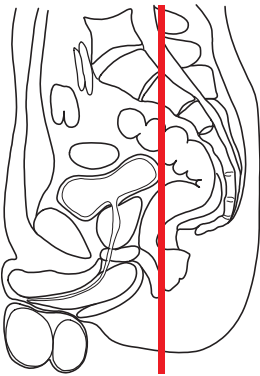
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|---|------------------------------------|
| 8 Ilium | 28 Ascending lumbar vein |
| 9 Gluteus minimus muscle | 29 Superior rectal artery and vein |
| 10 Gluteus medius muscle | 30 Common iliac artery and vein |
| 11 Obturator artery, vein, and nerve | 31 Sigmoid colon |
| 12 Acetabular roof | 32 Urinary bladder |
| 13 Head of femur | 33 Ureter |
| 14 Iliofemoral ligament | 34 Prostate (central zone) |
| 15 Greater trochanter | 35 Hip joint |
| 16 Neck of femur | 36 Prostatic venous plexus |
| 17 Obturator internus muscle (urogenital diaphragm) | 37 Ligament of head of femur |
| 18 Medial circumflex femoral artery and vein | 38 Orbicular zone |
| 19 Obturator externus muscle | 39 Prostate (peripheral zone) |
| 20 Pubis | 40 Prostate (transition zone) |
| 21 Pectineus muscle | 41 Ureter |
| 22 Adductor minimus muscle | 42 Corpus spongiosum |
| 23 Adductor brevis muscle | 43 Corpus cavernosum |
| 24 Iliopsoas muscle | 44 Ischiocavernosus muscle |
| 25 Adductor magnus muscle | 45 Bulbospongiosus muscle |
| 26 Intervertebral disk L4–L5 | 46 Gracilis muscle |
| 27 Lumbar vertebra (L5) | 47 Vastus lateralis muscle |
| | 48 Vastus intermedius muscle |



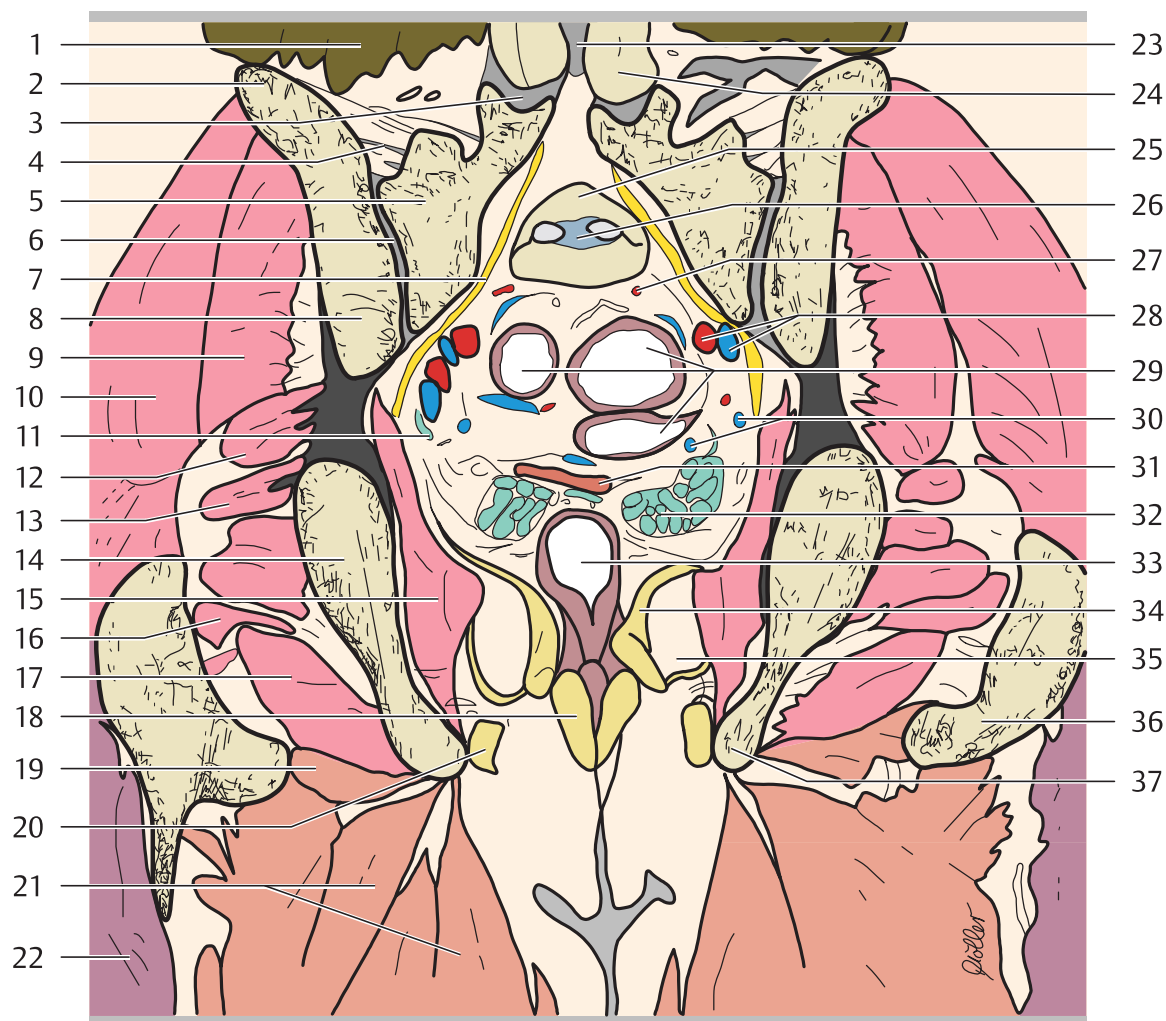
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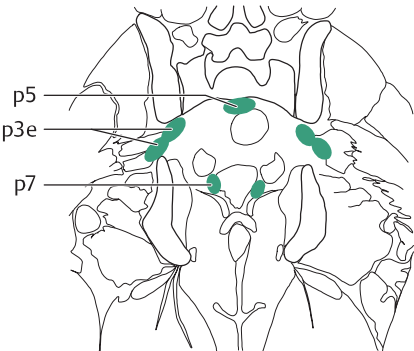
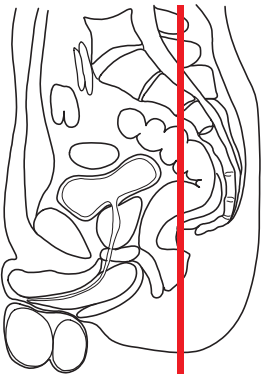
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|--|---|
| 1 Transversus abdominis muscle | 23 Vastus lateralis muscle |
| 2 Internal oblique muscle | 24 Gracilis muscle |
| 3 External oblique muscle | 25 Transversospinales muscles (part of erector spinae muscle, medial tract) |
| 4 Iliac crest | 26 Cauda equina |
| 5 Iliacus muscle | 27 Spinal dura |
| 6 Ilium | 28 Sacrum |
| 7 Gluteus medius muscle | 29 Wing of sacrum |
| 8 Sacroiliac joint | 30 Superior rectal artery |
| 9 Internal iliac artery and vein | 31 Sigmoid colon |
| 10 Gluteus maximus muscle | 32 Obturator artery and vein |
| 11 Gluteus minimus muscle | 33 Urinary bladder |
| 12 Acetabular lip | 34 Seminal vesicle |
| 13 Ureter | 35 Prostate (central zone) |
| 14 Vesical venous plexus | 36 Joint capsule |
| 15 Insertion of gluteus minimus and medius muscle (greater trochanter) | 37 Prostate (peripheral zone) |
| 16 Obturator internus muscle | 38 Levator ani muscle |
| 17 Gemellus inferior muscle | 39 Rectum (wall) |
| 18 Obturator externus muscle | 40 Internal pudendal artery and vein |
| 19 Quadratus femoris muscle | 41 Ischiocavernosus muscle |
| 20 Ischial tuberosity | 42 Urogenital diaphragm |
| 21 Lesser trochanter | 43 Bulbospongiosus muscle |
| 22 Adductor magnus muscle | |



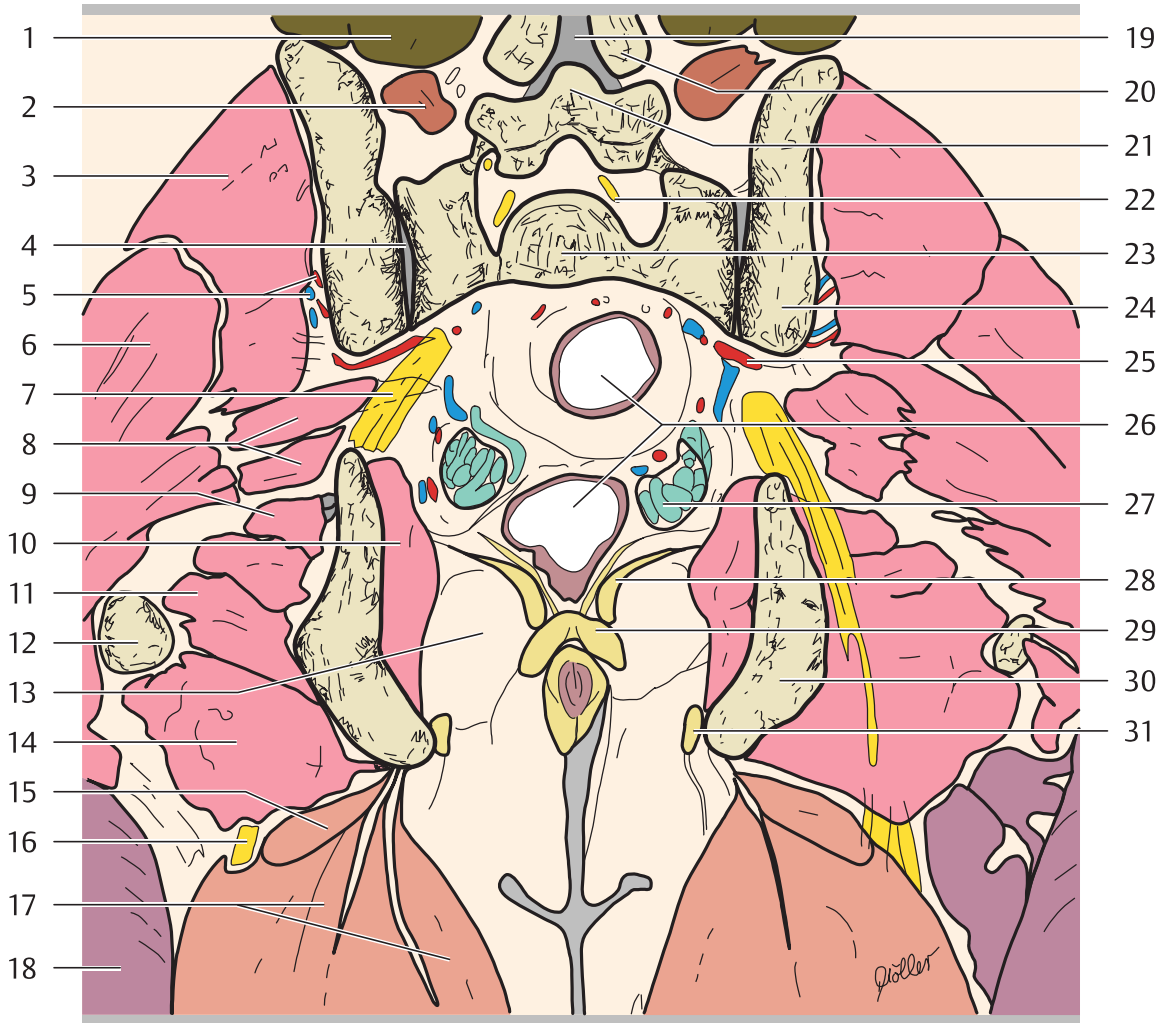
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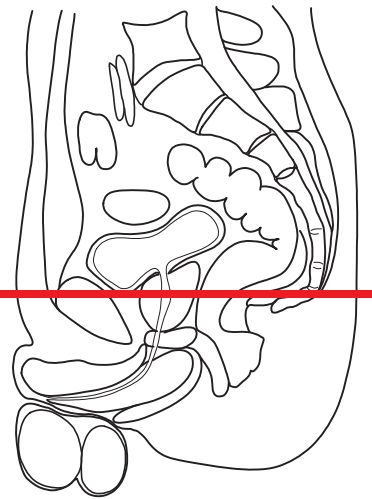
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|-------------------------------------|--|
| 1 Quadratus lumborum muscle | 20 Ischiocavernosus muscle |
| 2 Iliac crest | 21 Adductor magnus muscle |
| 3 Zygapophysial joint | 22 Vastus lateralis muscle |
| 4 Interosseous sacroiliac ligaments | 23 Spinal dura |
| 5 Wing of sacrum | 24 Inferior articular process (zygapophysis, L5) |
| 6 Sacroiliac joint | 25 Sacrum (S1) |
| 7 Sacral nerves | 26 Intervertebral disk S1-S2 |
| 8 Wing of ilium | 27 Superior rectal artery |
| 9 Gluteus medius muscle | 28 Internal iliac artery and vein |
| 10 Gluteus maximus muscle | 29 Sigmoid colon |
| 11 Ureter | 30 Vesical venous plexus |
| 12 Piriformis muscle | 31 Urinary bladder |
| 13 Gemellus superior muscle | 32 Seminal vesicle |
| 14 Wing of ilium | 33 Rectum (ampulla) |
| 15 Obturator internus muscle | 34 Levator ani muscle |
| 16 Gemellus inferior muscle | 35 Ischiorectal fossa |
| 17 Quadratus femoris muscle | 36 Intertrochanteric crest |
| 18 External anal sphincter muscle | 37 Ischial tuberosity |
| 19 Adductor minimus muscle | |

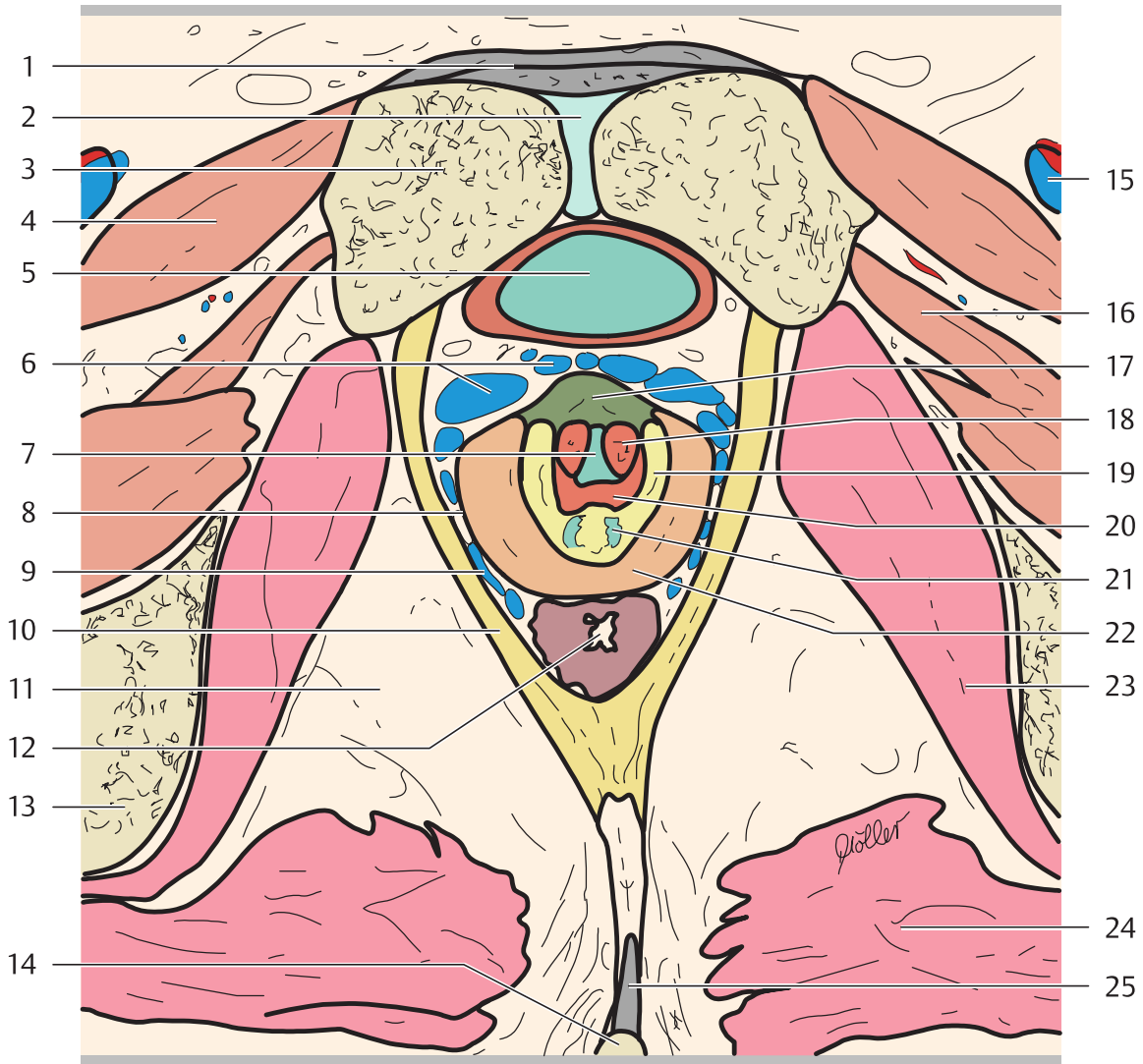


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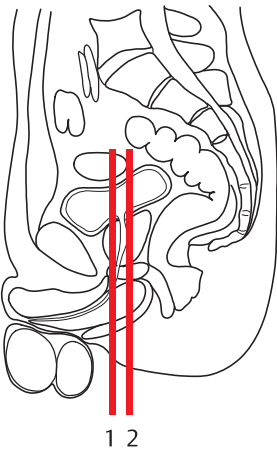
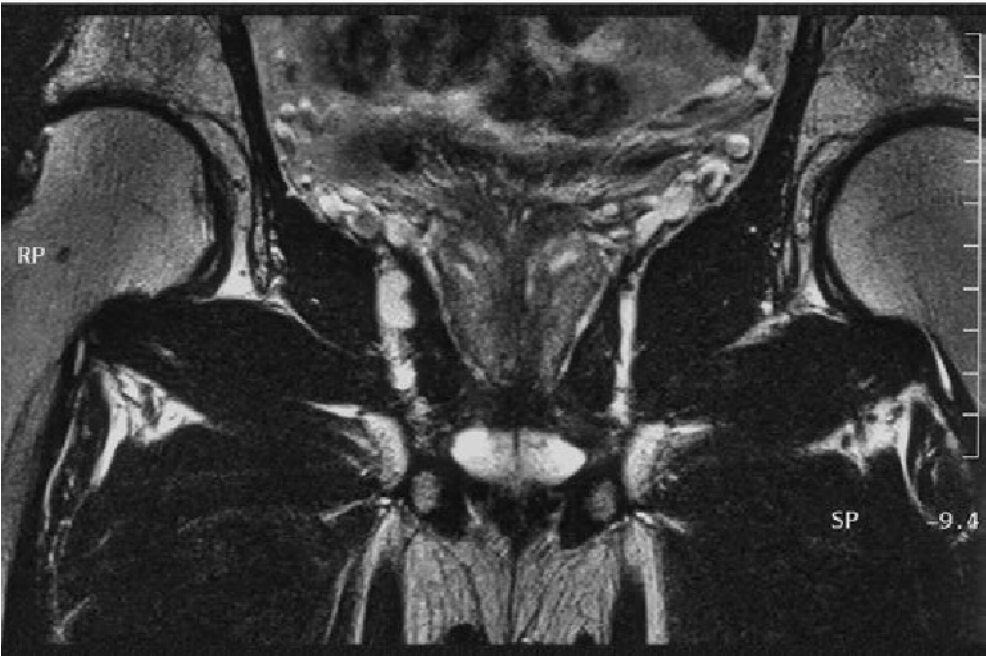
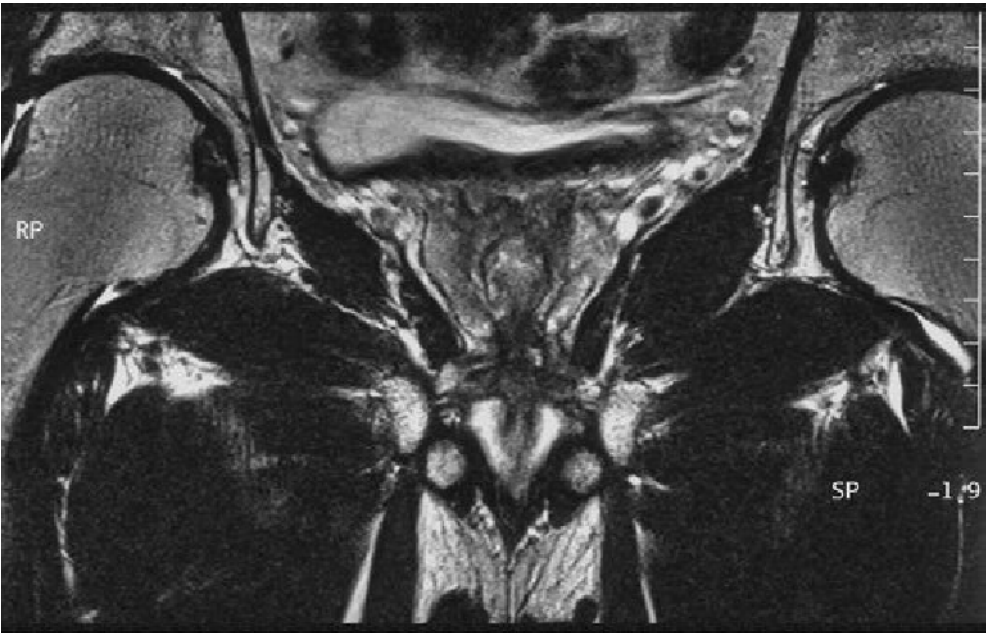


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|----|----------------------------------|----|---|
| 1 | Quadratus lumborum muscle | 17 | Adductor magnus muscle |
| 2 | Multifidus muscle | 18 | Vastus lateralis muscle |
| 3 | Gluteus medius muscle | 19 | Interspinous ligaments |
| 4 | Sacroiliac joint | 20 | Inferior articular process (zygapophysis, L4) |
| 5 | Superior gluteal artery and vein | 21 | Lumbar vertebra (L5) |
| 6 | Gluteus maximus muscle | 22 | Spinal nerve (L5) |
| 7 | Sacral plexus | 23 | Sacrum |
| 8 | Piriformis muscle | 24 | Ilium |
| 9 | Gemellus superior muscle | 25 | Internal iliac artery and vein |
| 10 | Obturator internus muscle | 26 | Rectum |
| 11 | Gemellus inferior muscle | 27 | Seminal vesicle |
| 12 | Greater trochanter | 28 | Levator ani muscle |
| 13 | Ischiorectal fossa | 29 | External anal sphincter muscle |
| 14 | Quadratus femoris muscle | 30 | Ischium |
| 15 | Adductor minimus muscle | 31 | Ischiocavernosus muscle |
| 16 | Sciatic nerve | | |



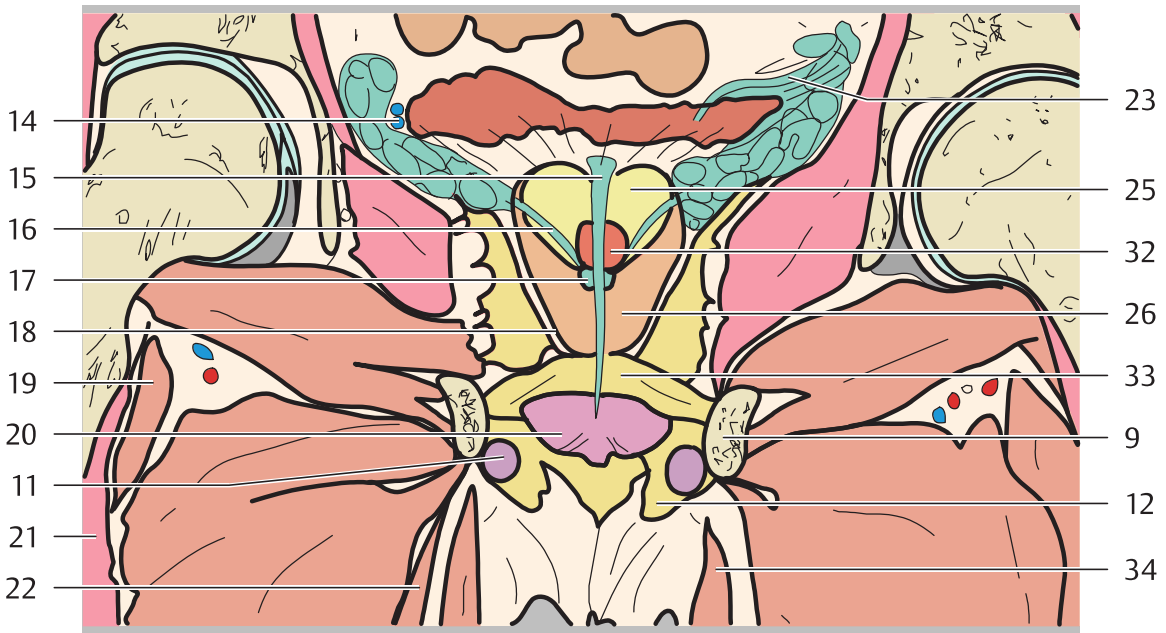
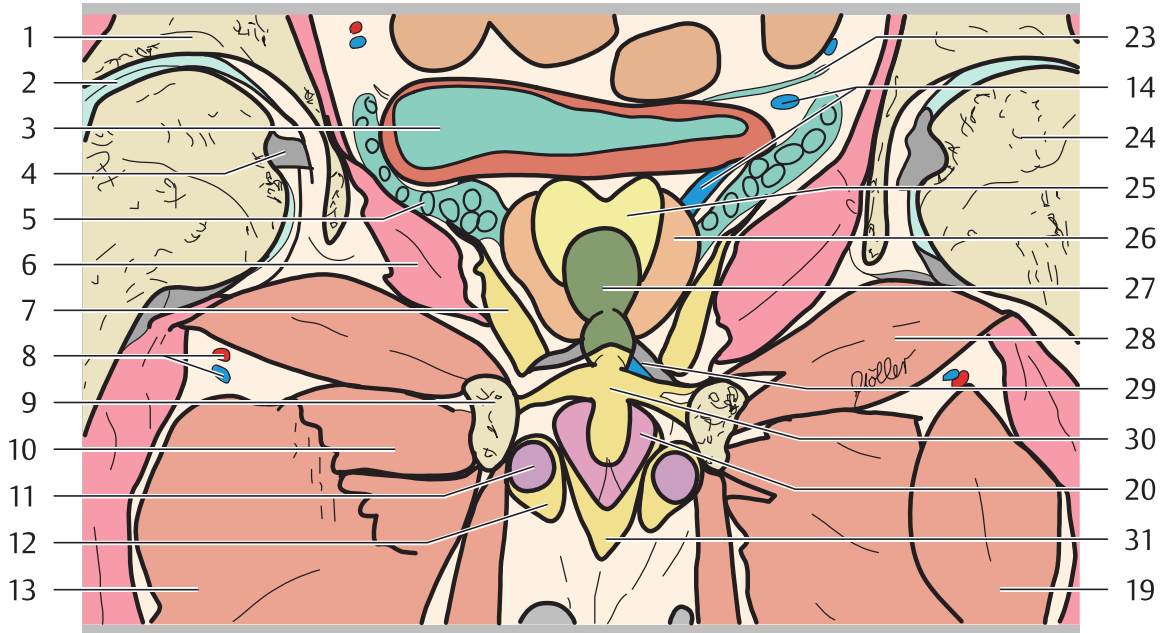


- | | |
|---|--|
| 1 Fundiform and suspensory ligaments of penis | 14 Coccyx |
| 2 Pubic symphysis | 15 Femoral artery, vein, and nerve |
| 3 Pubis | 16 Obturator externus muscle |
| 4 Pectineus muscle | 17 Prostate (anterior portion, anterior fibromuscular stroma, isthmus) |
| 5 Urinary bladder | 18 Prostate (central portion, transition zone) |
| 6 Prostatic venous plexus (anterior venous plexus of Santorini) | 19 Prostate (central portion, central zone) |
| 7 Urethra | 20 Prostate (middle lobe with seminal colliculus) |
| 8 Capsule of prostate | 21 Ejaculatory duct |
| 9 Lateral venous plexus (neurovascular bundle) | 22 Prostate (peripheral zone) |
| 10 Levator ani muscle | 23 Obturator internus muscle |
| 11 Ischioanal fossa | 24 Gluteus maximus muscle |
| 12 Anus | 25 Anococcygeal ligament |
| 13 Ischium | |

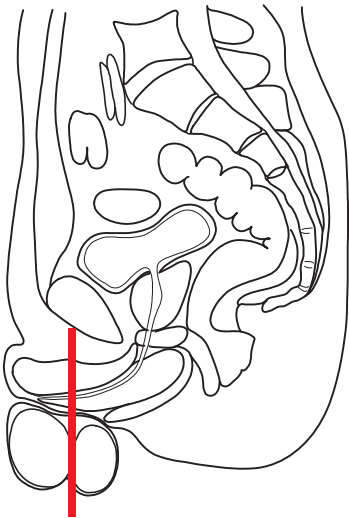
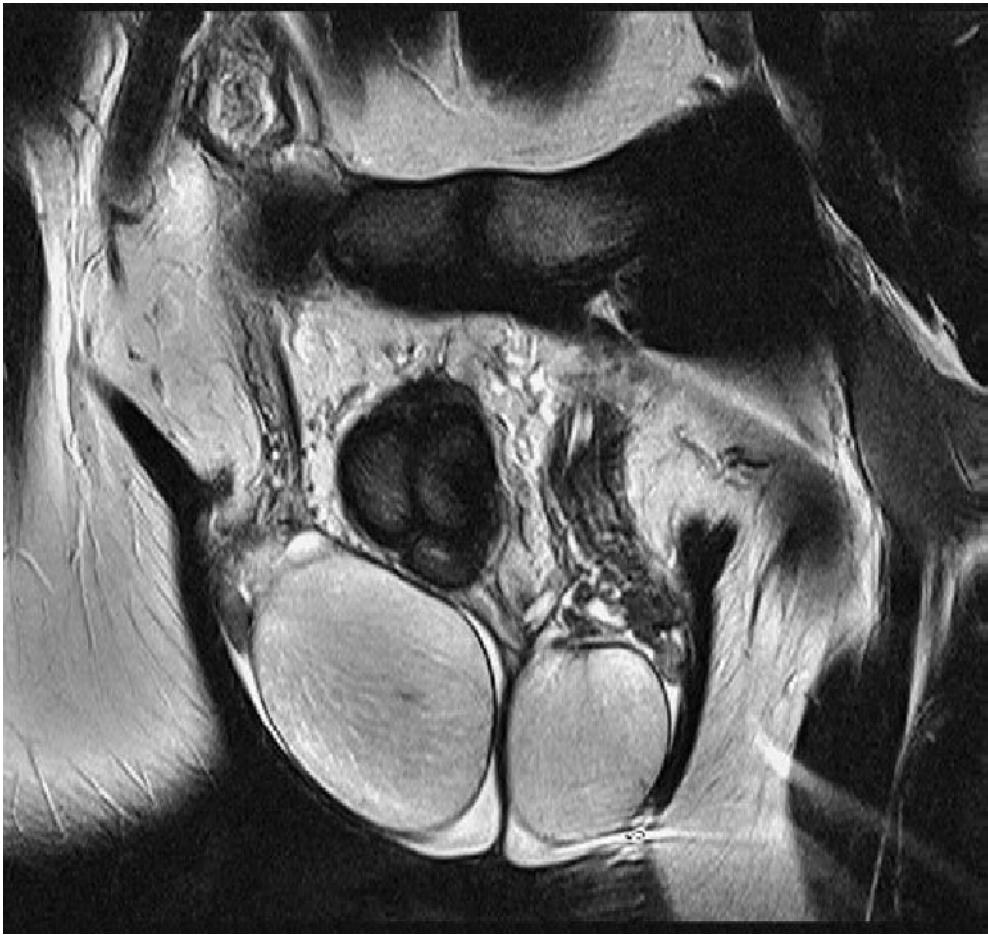


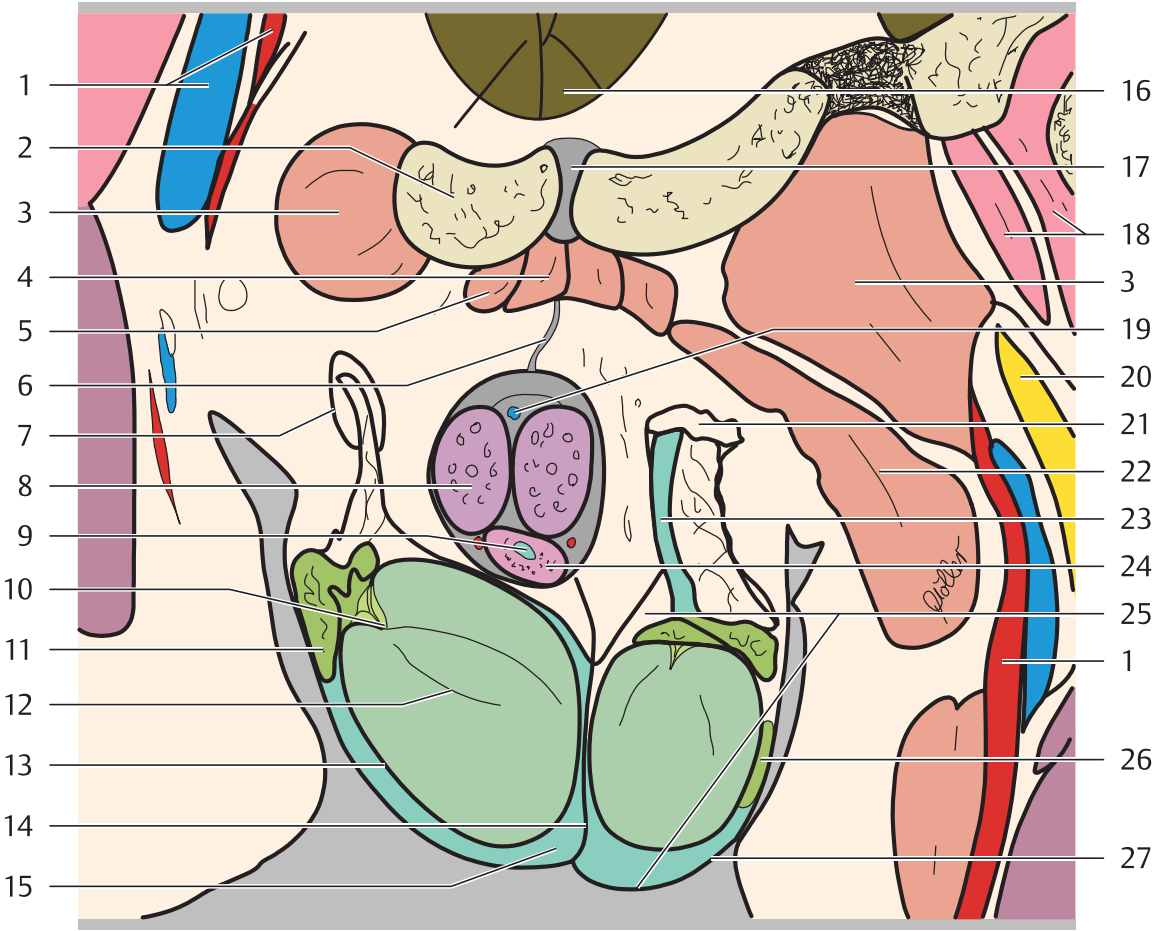
- 1 Ilium (acetabular roof)
- 2 Hip joint
- 3 Urinary bladder
- 4 Ligament of head of femur
- 5 Seminal vesicle
- 6 Obturator internus muscle
- 7 Levator ani muscle
- 8 Medial circumflex femoral artery and vein
- 9 Pubis



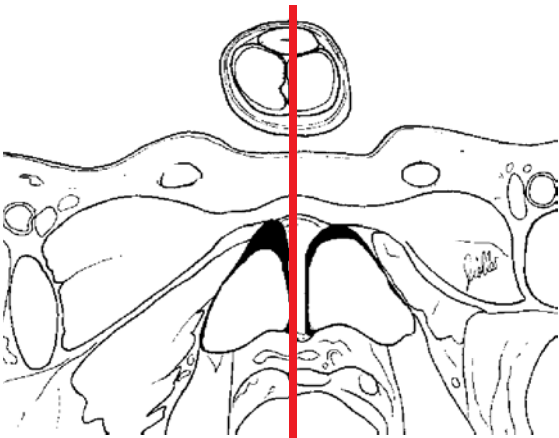


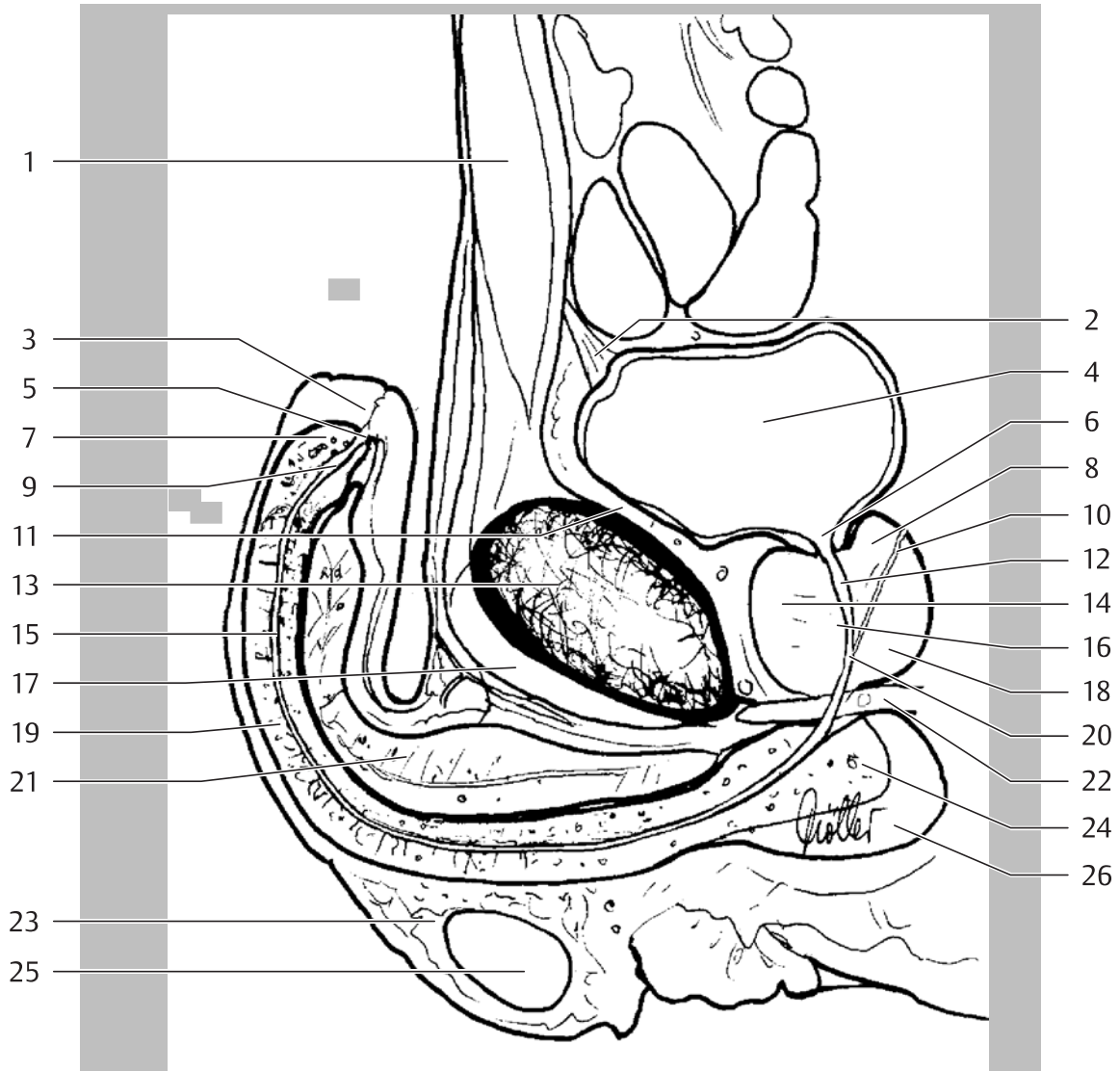
- | | |
|--|---|
| 10 Adductor minimus muscle | 24 Head of femur |
| 11 Corpus cavernosum | 25 Central zone of prostate |
| 12 Ischiocavernosus muscle | 26 Peripheral zone of prostate |
| 13 Adductor brevis muscle | 27 Anterior fibromuscular stroma (anterior portion) of prostate |
| 14 Lateral venous plexus | 28 Obturator externus muscle |
| 15 Urethra | 29 Prostatic venous plexus and puboprostatic ligament |
| 16 Ejaculatory duct | 30 Urogenital diaphragm |
| 17 Colliculus seminalis (openings of the ejaculatory duct) | 31 Bulbospongiosus muscle |
| 18 Capsule of prostate | 32 Prostate (middle lobe with seminal colliculus) |
| 19 Pectineus muscle | 33 Urethral sphincter muscle and urogenital diaphragm |
| 20 Corpus spongiosum | 34 Gracilis muscle |
| 21 Iliopsoas muscle | |
| 22 Adductor magnus muscle | |
| 23 Ureter | |



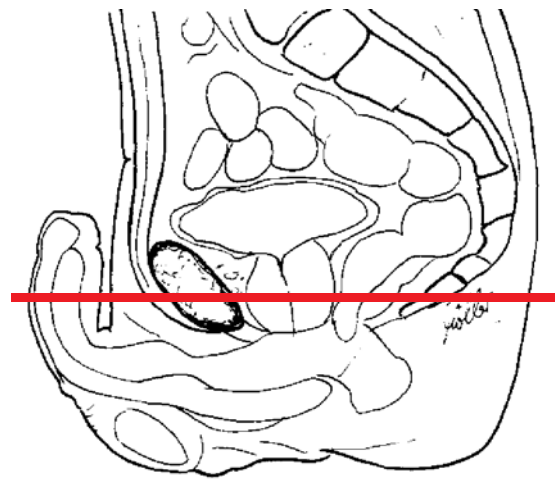
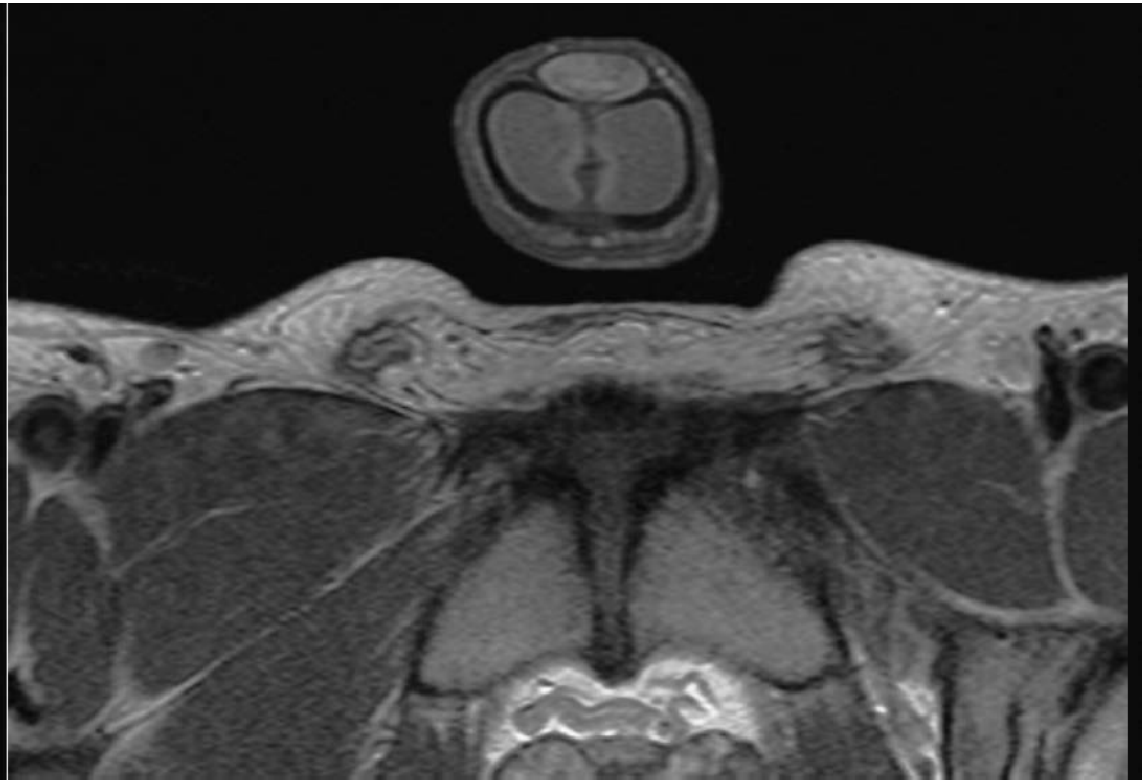


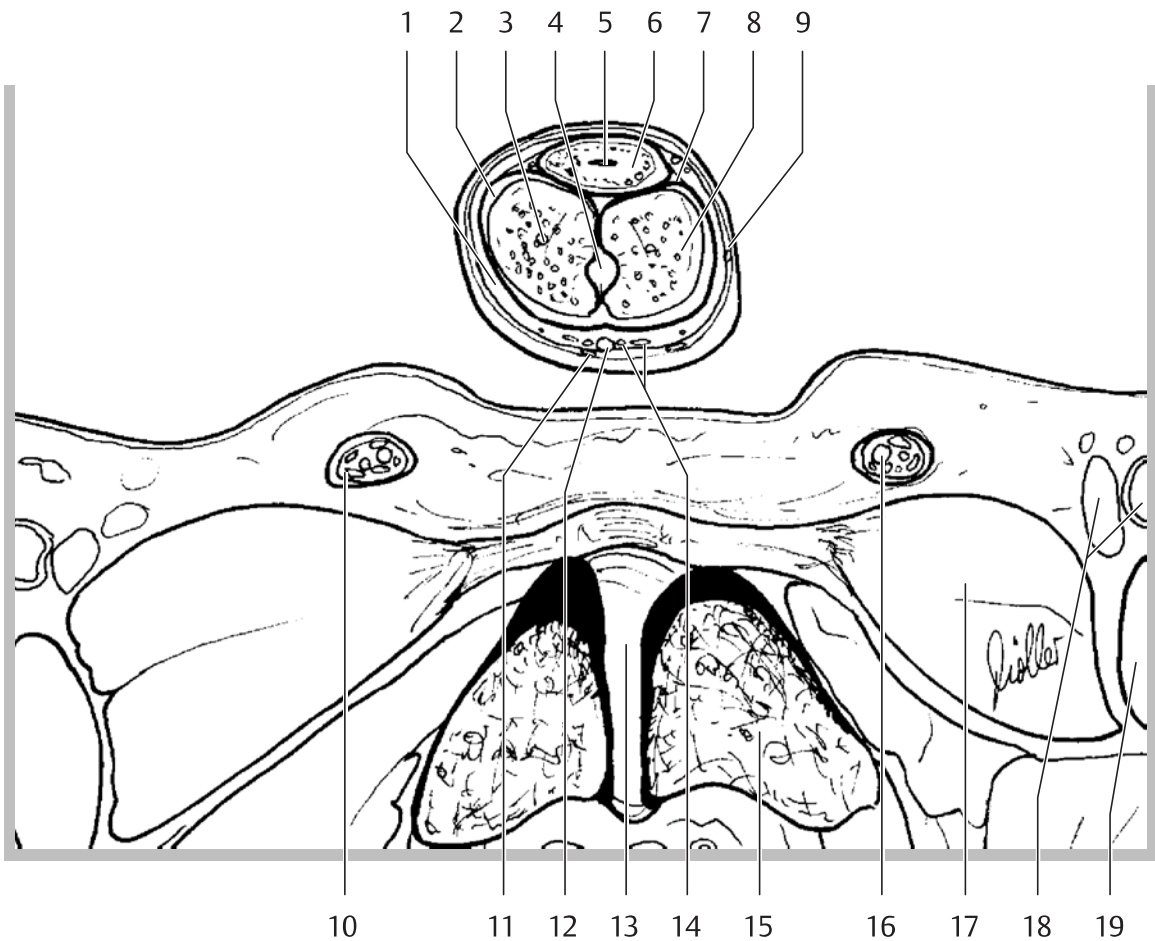
- | | |
|--------------------------------|---|
| 1 Femoral artery and vein | 16 Pyramidalis muscle |
| 2 Pubis | 17 Pubic symphysis |
| 3 Pectineus muscle | 18 Iliopsoas muscle |
| 4 Adductor longus muscle | 19 Deep dorsal vein of penis |
| 5 Adductor brevis muscle | 20 Femoral nerve |
| 6 Suspensory ligament of penis | 21 Spermatic fascia and cremaster muscle |
| 7 Superficial inguinal ring | 22 Obturator externus muscle |
| 8 Corpus cavernosum | 23 Ductus deferens |
| 9 Urethra | 24 Corpus spongiosum |
| 10 Mediastinum of testis | 25 Left scrotal cavity |
| 11 Epididymis (head) | 26 Epididymis (body) |
| 12 Septa testis | 27 Wall of scrotum (with dartos fascia, spermatic fascia, and cremaster muscle) |
| 13 Tunica albuginea | |
| 14 Septum of scrotum | |
| 15 Scrotal cavity | |





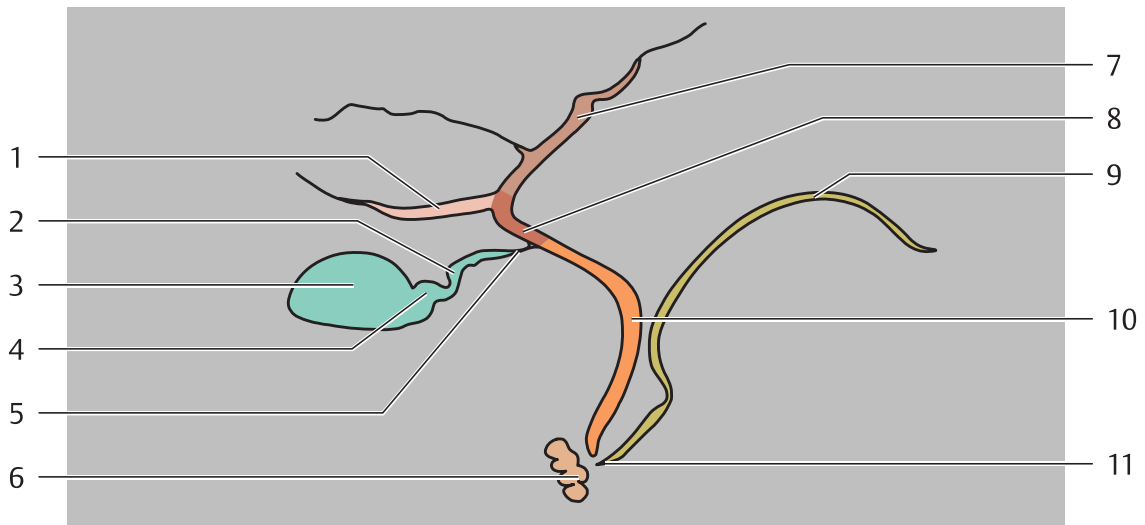
- | | |
|-----------------------------|---|
| 1 Rectus abdominis muscle | 14 Prostate (anterior fibromuscular stroma) |
| 2 Median umbilical ligament | 15 Urethra (spongy part) |
| 3 Prepuce | 16 Prostate (transitional zone) |
| 4 Urinary bladder | 17 Suspensory ligament of penis |
| 5 External urethral orifice | 18 Prostate (peripheral zone) |
| 6 Bladder (neck) | 19 Corpus spongiosum |
| 7 Glans penis | 20 Seminal colliculus |
| 8 Prostate (central zone) | 21 Corpus cavernosum |
| 9 Urethra (navicular fossa) | 22 Transversus perinei profundus muscle |
| 10 Ejaculatory duct | 23 Scrotum |
| 11 Retropubic space | 24 Bulb of penis (corpus spongiosum) |
| 12 Urethra (prostatic part) | 25 Testis |
| 13 Pubic symphysis | 26 Bulbospongiosus muscle |





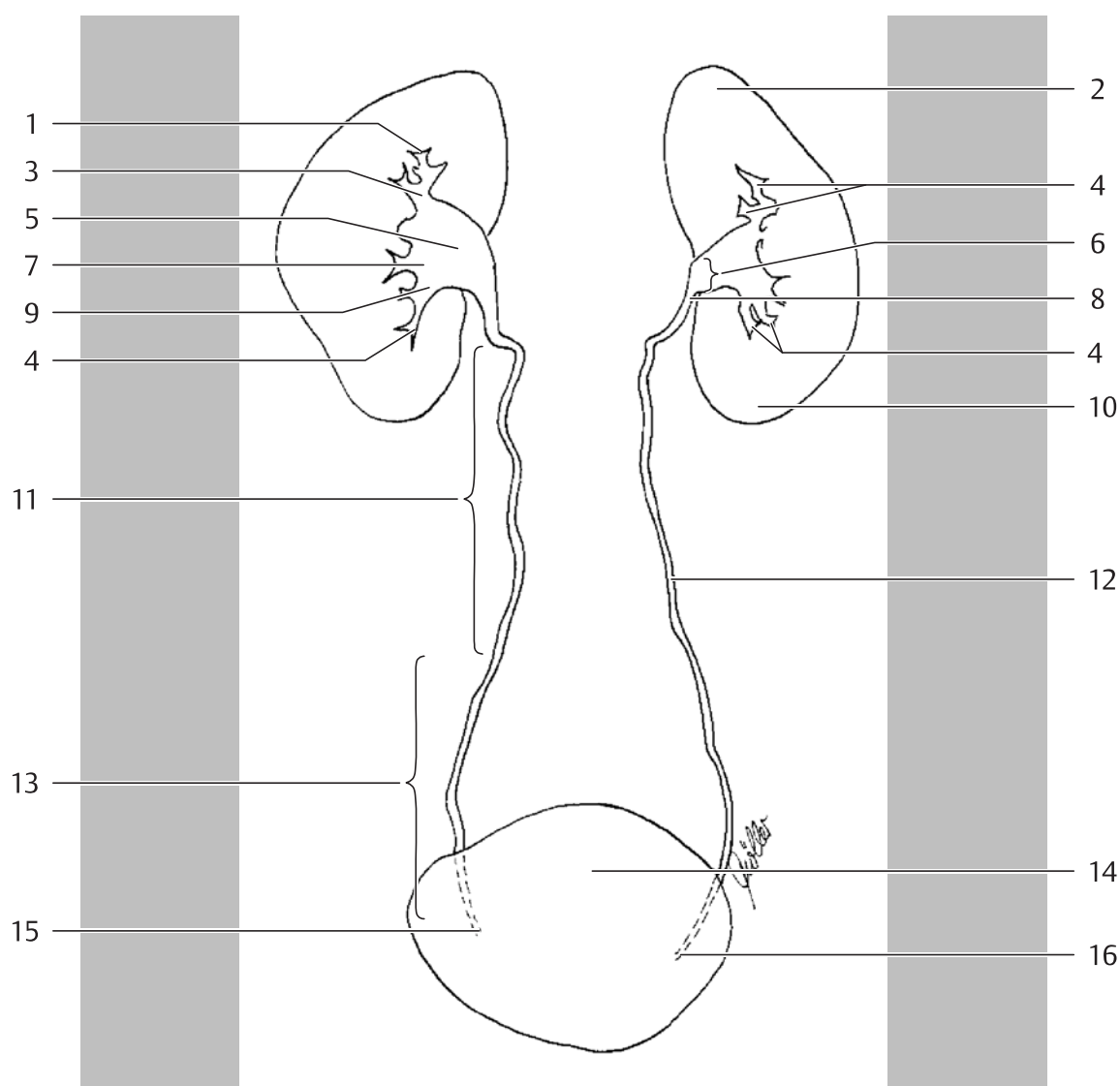
- | | |
|---|-------------------------------------|
| 1 Deep fascia of penis (Buck's fascia) | 10 Spermatic cord |
| 2 Tunica albuginea of corpora cavernosa | 11 Superficial dorsal vein of penis |
| 3 Deep artery of penis | 12 Deep dorsal vein of penis |
| 4 Septum penis | 13 Pubic symphysis |
| 5 Urethra (spongy part) | 14 Dorsal artery and vein of penis |
| 6 Corpus spongiosum | 15 Pubis |
| 7 Tunica albuginea of corpus spongiosum | 16 Ductus deferens |
| 8 Corpus cavernosum | 17 Pectineus muscle |
| 9 Subcutaneous tissue of penis (superficial penile fascia, tunica dartos) | 18 Femoral artery and vein |
| | 19 Iliopsoas muscle |





- | | | | |
|---|--|----|---------------------|
| 1 | Right hepatic duct | 7 | Left hepatic duct |
| 2 | Cystic duct (spiral fold) | 8 | Common hepatic duct |
| 3 | Body of gallbladder | 9 | Pancreatic duct |
| 4 | Neck of gallbladder | 10 | Common bile duct |
| 5 | Cystic duct (pars flaccida, straight part) | 11 | Duodenal papilla |
| 6 | Duodenum | | |

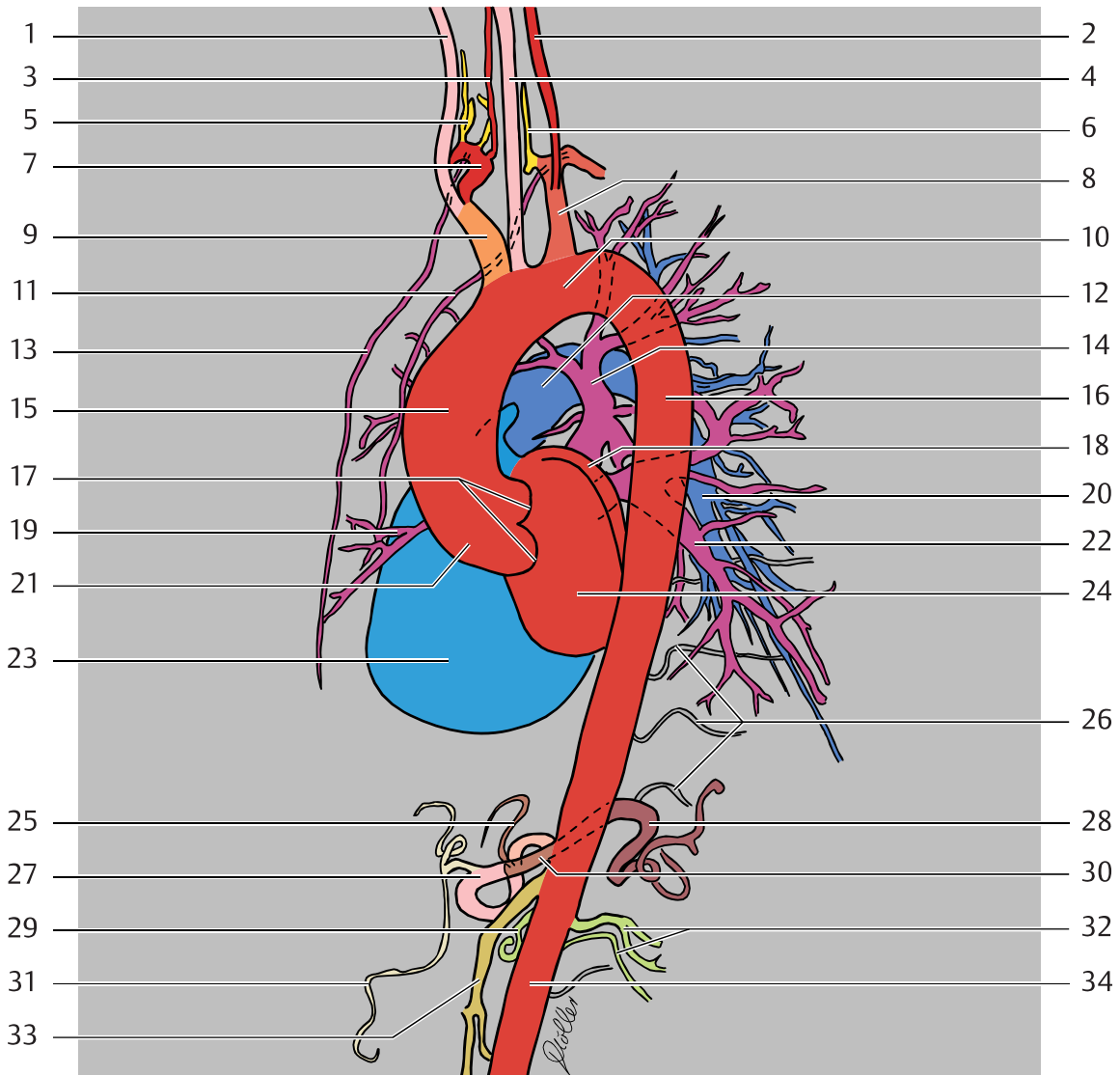




- 1 Renal papilla
- 2 Superior pole of kidney
- 3 Major calyx, superior calyx (superior group of calices)
- 4 Minor calices
- 5 Renal pelvis
- 6 Renal hilum
- 7 Major calyx, middle calyx (middle group of calices)
- 8 Ureteropelvic junction

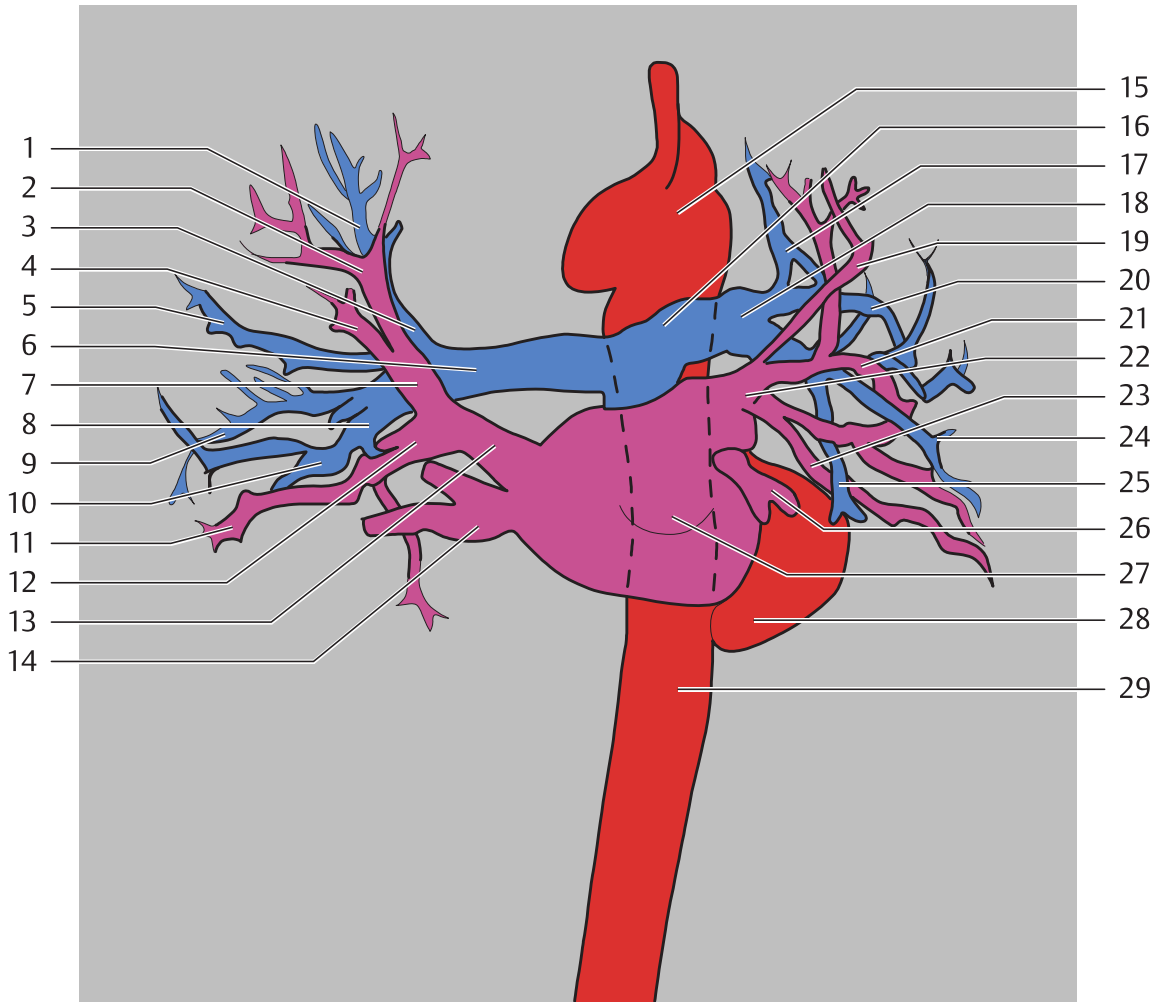
- 9 Major calyx, inferior calyx (inferior group of calices)
- 10 Inferior pole of kidney
- 11 Ureter (abdominal part)
- 12 Ureter
- 13 Ureter (pelvic part)
- 14 Urinary bladder
- 15 Ureter (intramural part)
- 16 Ureter (orifice)



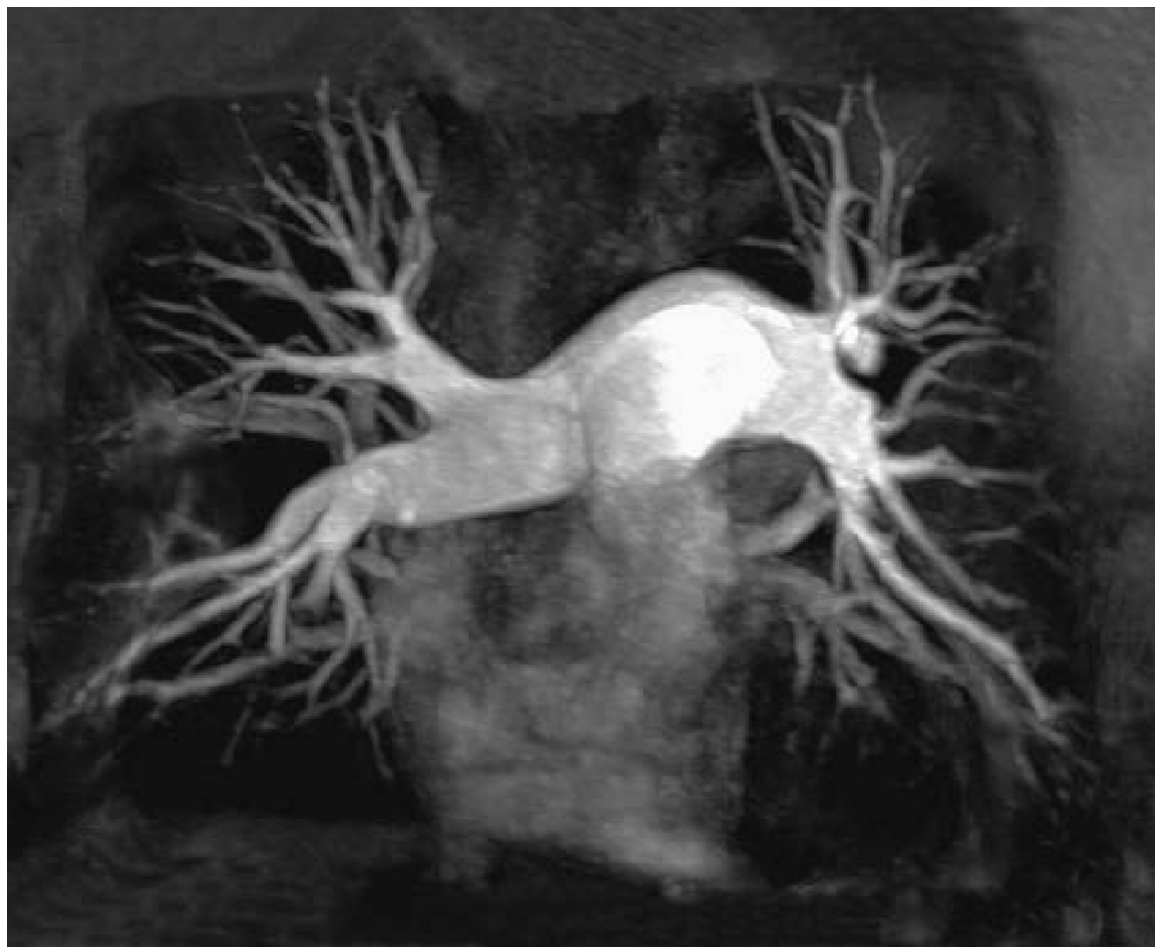


- | | |
|-----------------------------------|---|
| 1 Right common carotid artery | 19 Right inferior pulmonary vein |
| 2 Left vertebral artery | 20 Left pulmonary artery (inferior lobar arteries) |
| 3 Right vertebral artery | 21 Aortic bulb |
| 4 Left common carotid artery | 22 Left inferior pulmonary vein |
| 5 Right deep cervical artery | 23 Right ventricle |
| 6 Inferior thyroid artery | 24 Left ventricle |
| 7 Right subclavian artery | 25 Left gastric artery |
| 8 Left subclavian artery | 26 Lumbar arteries |
| 9 Brachiocephalic trunk | 27 Common hepatic artery |
| 10 Aortic arch | 28 Splenic artery |
| 11 Left internal thoracic artery | 29 Right renal artery |
| 12 Pulmonary trunk | 30 Coeliac trunk |
| 13 Right internal thoracic artery | 31 Gastroduodenal artery |
| 14 Left superior pulmonary vein | 32 Left renal artery (variant: double renal artery) |
| 15 Ascending aorta | 33 Superior mesenteric artery |
| 16 Descending aorta | 34 Abdominal aorta |
| 17 Aortic valve | |
| 18 Left atrium | |





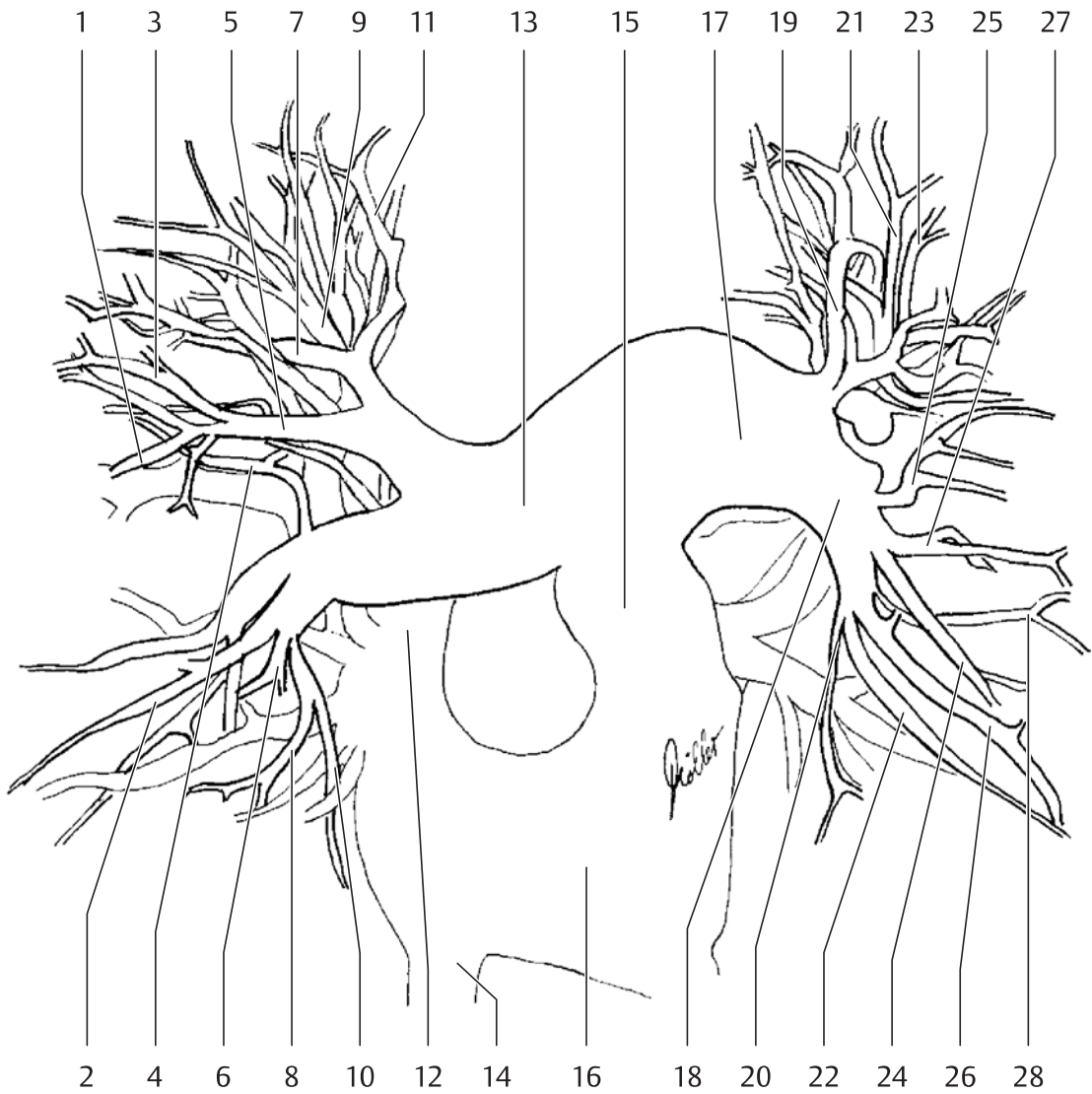
- | | |
|---|--|
| 1 Apical branch to the superior lobe of the right pulmonary artery | 14 Inferior right pulmonary vein |
| 2 Apical branch of the superior right pulmonary vein | 15 Arch of aorta |
| 3 Ascending branch of the right pulmonary artery | 16 Pulmonary trunk |
| 4 Posterior branch of the superior right pulmonary vein | 17 Branches to upper lobe of the left pulmonary artery |
| 5 Posterior branch to the superior lobe of the right pulmonary artery | 18 Left pulmonary artery |
| 6 Right pulmonary artery | 19 Apicoposterior branch of the left superior pulmonary vein |
| 7 Anterior branch of the right superior pulmonary vein | 20 Lingular branch of the left pulmonary artery |
| 8 Basal part of the right pulmonary artery | 21 Anterior branch of the left superior pulmonary vein |
| 9 Superior branch to the inferior lobe of the right pulmonary artery | 22 Left superior pulmonary vein |
| 10 Anterior basal branch of the right pulmonary artery | 23 Lingular branch of the left superior pulmonary vein |
| 11 Middle lobe branch of the right pulmonary vein | 24 Lateral basal branch of the left pulmonary artery |
| 12 Medial part of the middle lobe branch of the right pulmonary vein | 25 Posterior basal branch of the left pulmonary artery |
| 13 Superior right pulmonary vein | 26 Left inferior pulmonary vein |
| | 27 Left atrium |
| | 28 Left ventricle |
| | 29 Descending aorta |



Right lung

- 1 Medial segmental artery (from middle lobar artery) and vein
- 2 Lateral basal segmental artery (from inferior lobar arteries), IX
- 3 Medial segmental artery (from middle lobar artery), IV
- 4 Superior segmental artery (from inferior lobar arteries), VI

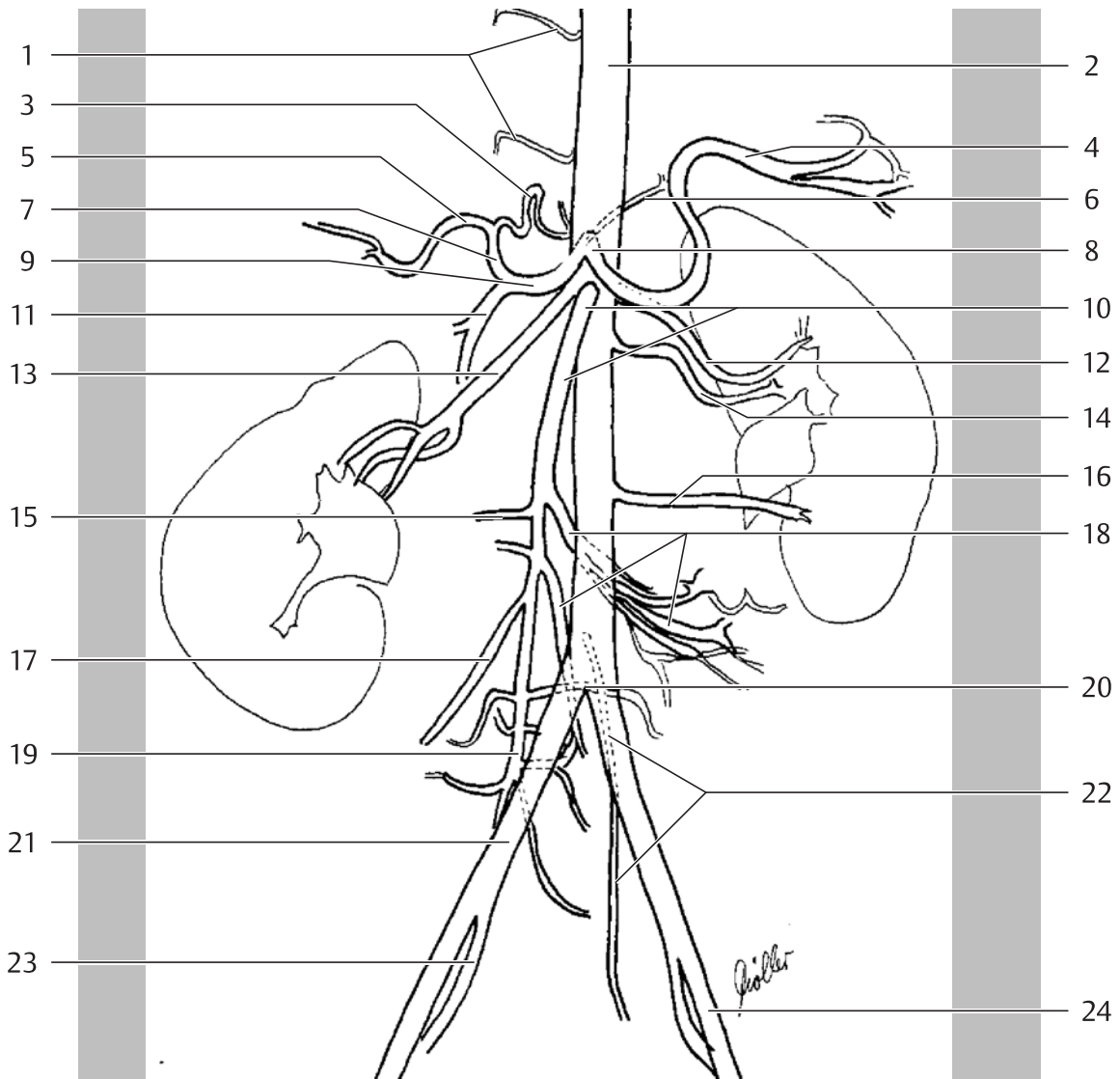




- 5 Middle lobar artery
- 6 Anterior basal segmental artery (from inferior lobar arteries), VIII
- 7 Anterior segmental artery (from superior lobar arteries), III
- 8 Posterior basal segmental artery (from inferior lobar arteries), X
- 9 Posterior segmental artery (from superior lobar arteries), II
- 10 Medial basal segmental artery (from inferior lobar arteries), VII
- 11 Apical segmental artery (from superior lobar arteries), I
- 12 Superior vena cava
- 13 Right pulmonary artery
- 14 Inferior vena cava
- 15 Pulmonary trunk
- 16 Right ventricle
- 17 Left pulmonary artery

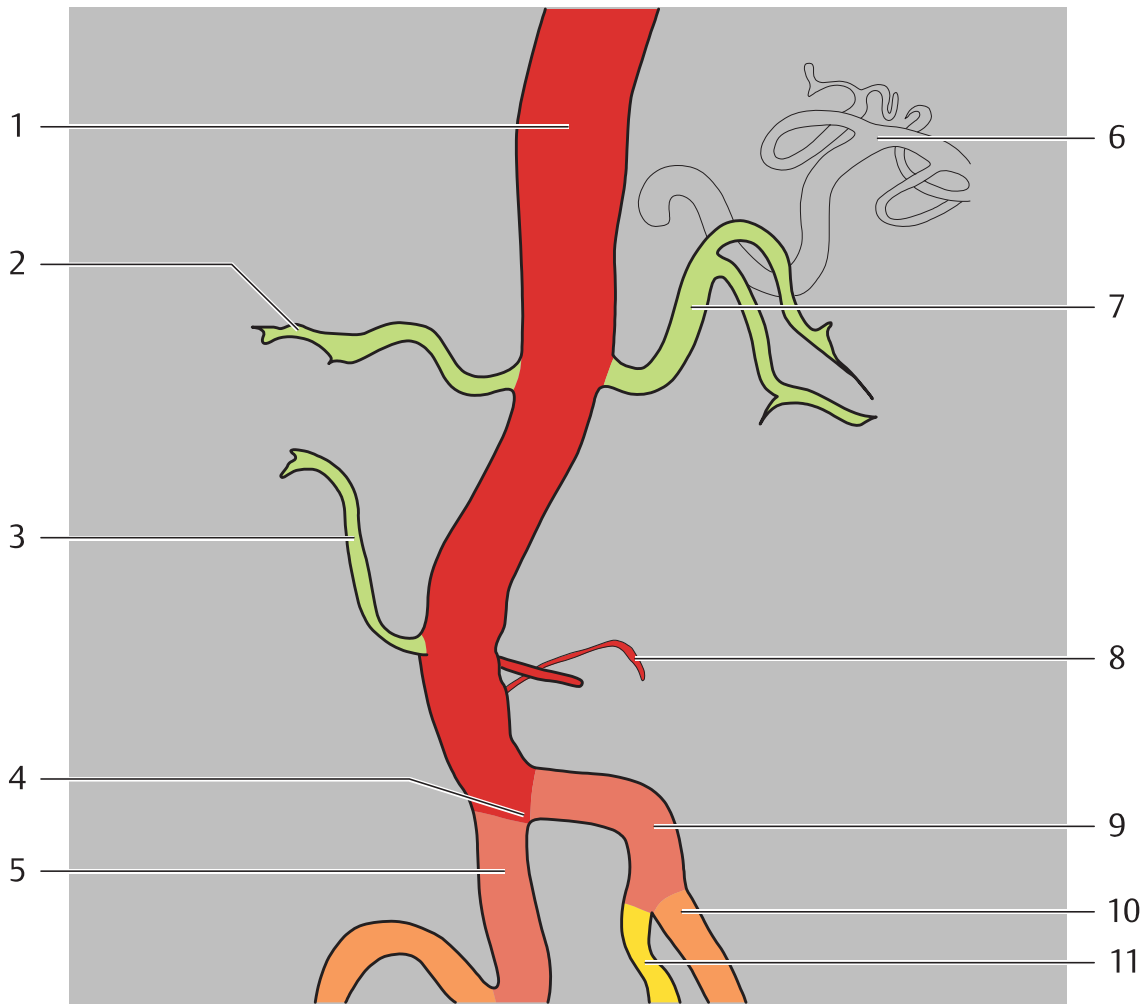
- Left lung
- 18 Middle lobar artery
- 19 Anterior basal segmental artery (from superior lobar arteries), I
- 20 Medial basal segmental artery (from inferior lobar arteries), VII
- 21 Posterior segmental artery (from superior lobar arteries), II
- 22 Posterior basal segmental artery (from inferior lobar arteries), X
- 23 Anterior segmental artery (from superior lobar arteries), III
- 24 Anterior basal segmental artery (from inferior lobar arteries), VIII
- 25 Superior segmental artery (from inferior lobar arteries), VI
- 26 Lateral basal segmental artery (from inferior lobar arteries), IX
- 27 Superior lingular artery, IV
- 28 Inferior lingular artery, V





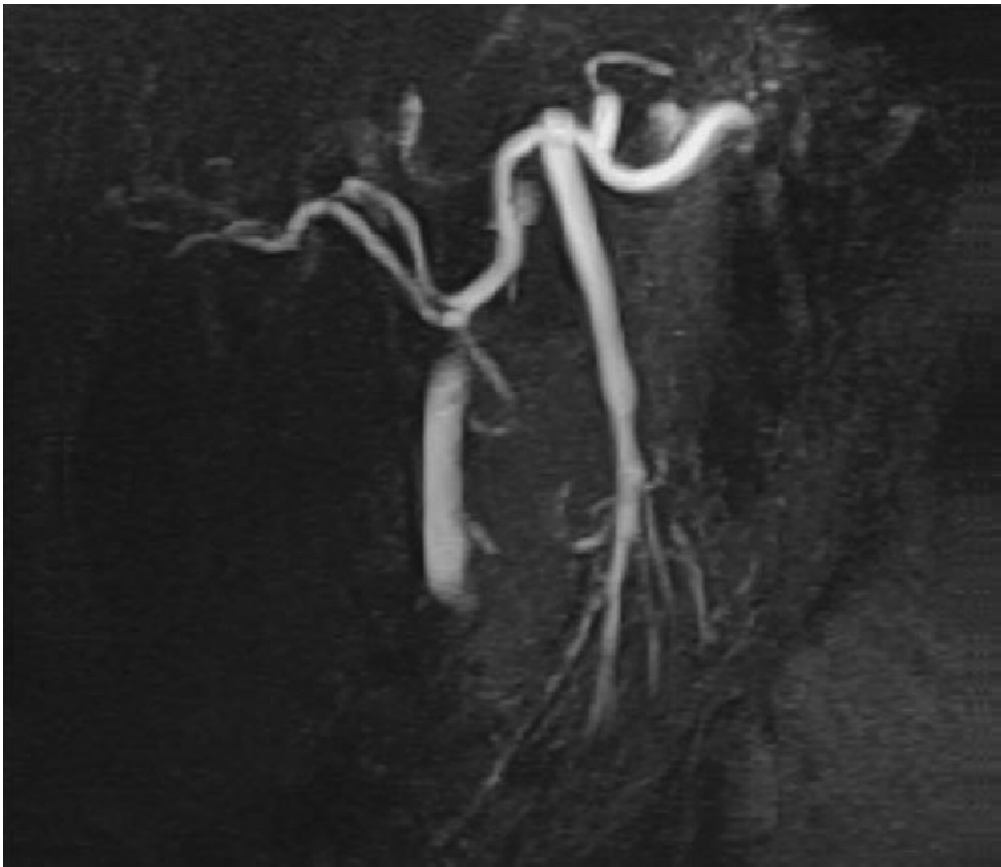
- | | |
|---|---|
| 1 Lumbar arteries | 14 Left renal artery (anterior branch) |
| 2 Abdominal aorta | 15 Posterior inferior pancreaticoduodenal artery |
| 3 Hepatic artery proper (left branch) | 16 Inferior segmental artery (from left renal artery) |
| 4 Splenic artery | 17 Right colic artery |
| 5 Hepatic artery proper (right branch) | 18 Jejunal and ileal arteries |
| 6 Left gastric artery | 19 Ileocolic artery |
| 7 Hepatic artery proper | 20 Aortic bifurcation |
| 8 Coeliac trunk | 21 Common iliac artery (right) |
| 9 Common hepatic artery | 22 Inferior mesenteric artery |
| 10 Superior mesenteric artery | 23 Internal iliac artery |
| 11 Gastroduodenal artery | 24 External iliac artery |
| 12 Left renal artery (posterior branch) | |
| 13 Right renal artery | |

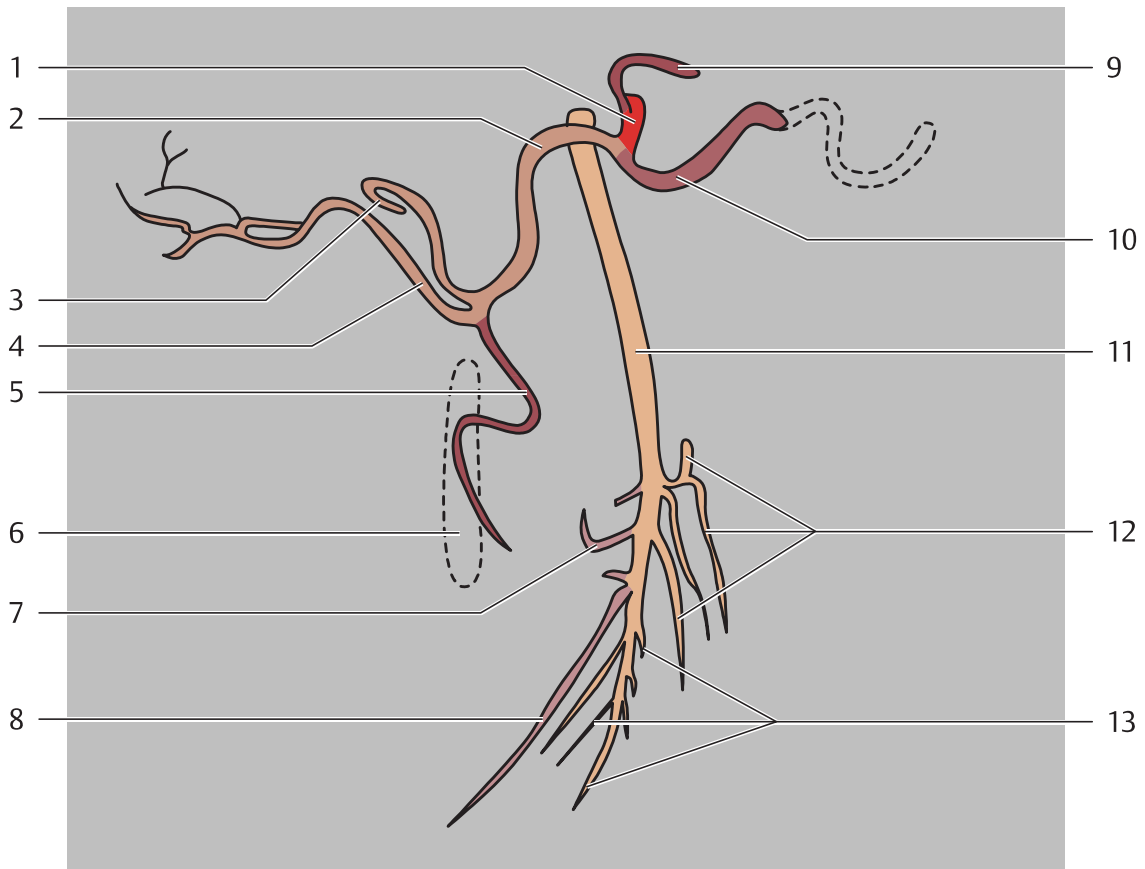




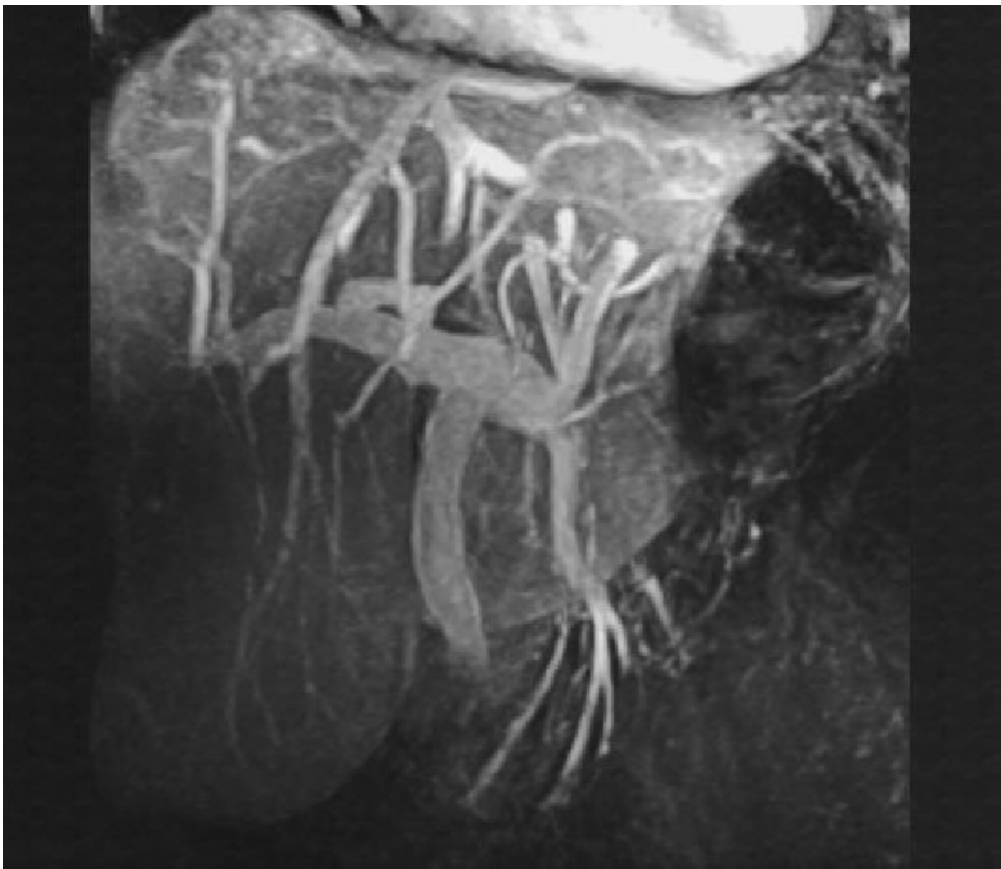
- 1 Abdominal aorta
- 2 Right renal artery
- 3 Inferior capsular branch of the renal artery
- 4 Aortic bifurcation
- 5 Common right iliac artery

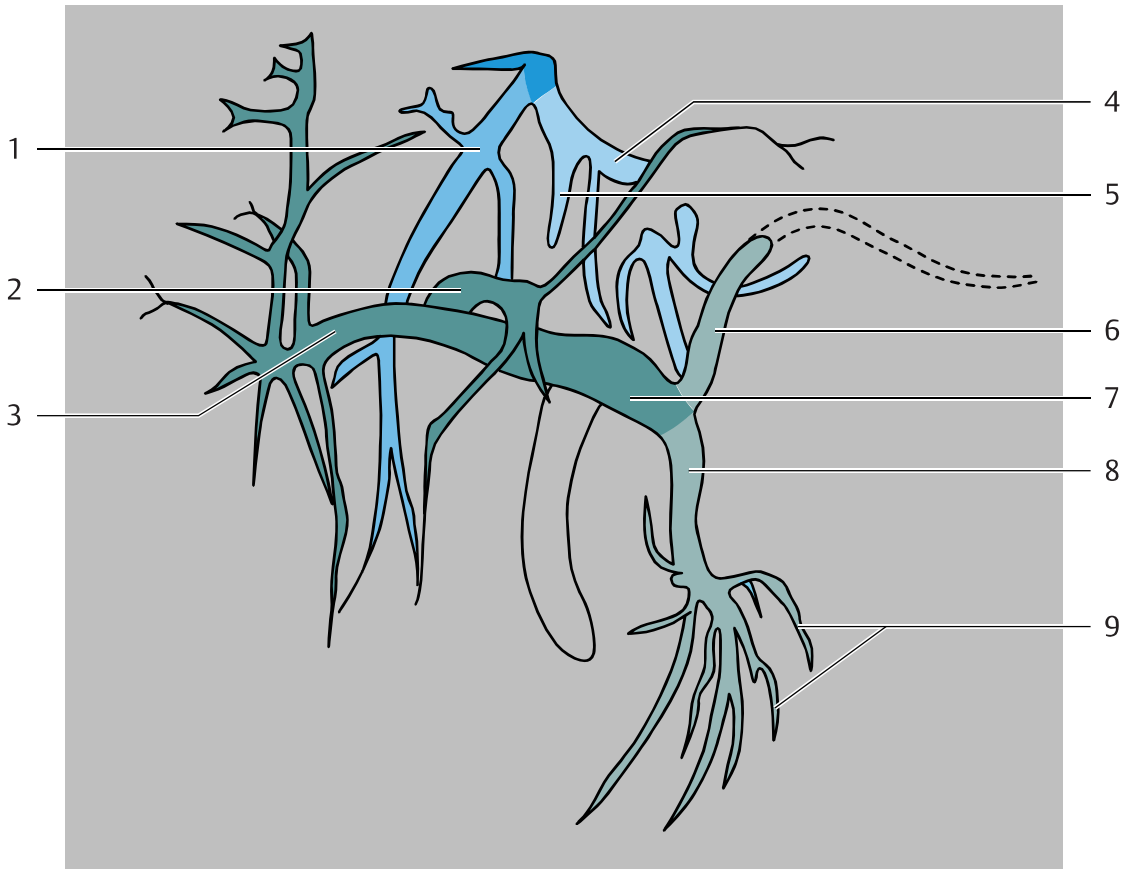
- 6 Splenic artery
- 7 Left renal artery
- 8 Lumbar arteries
- 9 Common left iliac artery
- 10 External iliac artery
- 11 Internal iliac artery





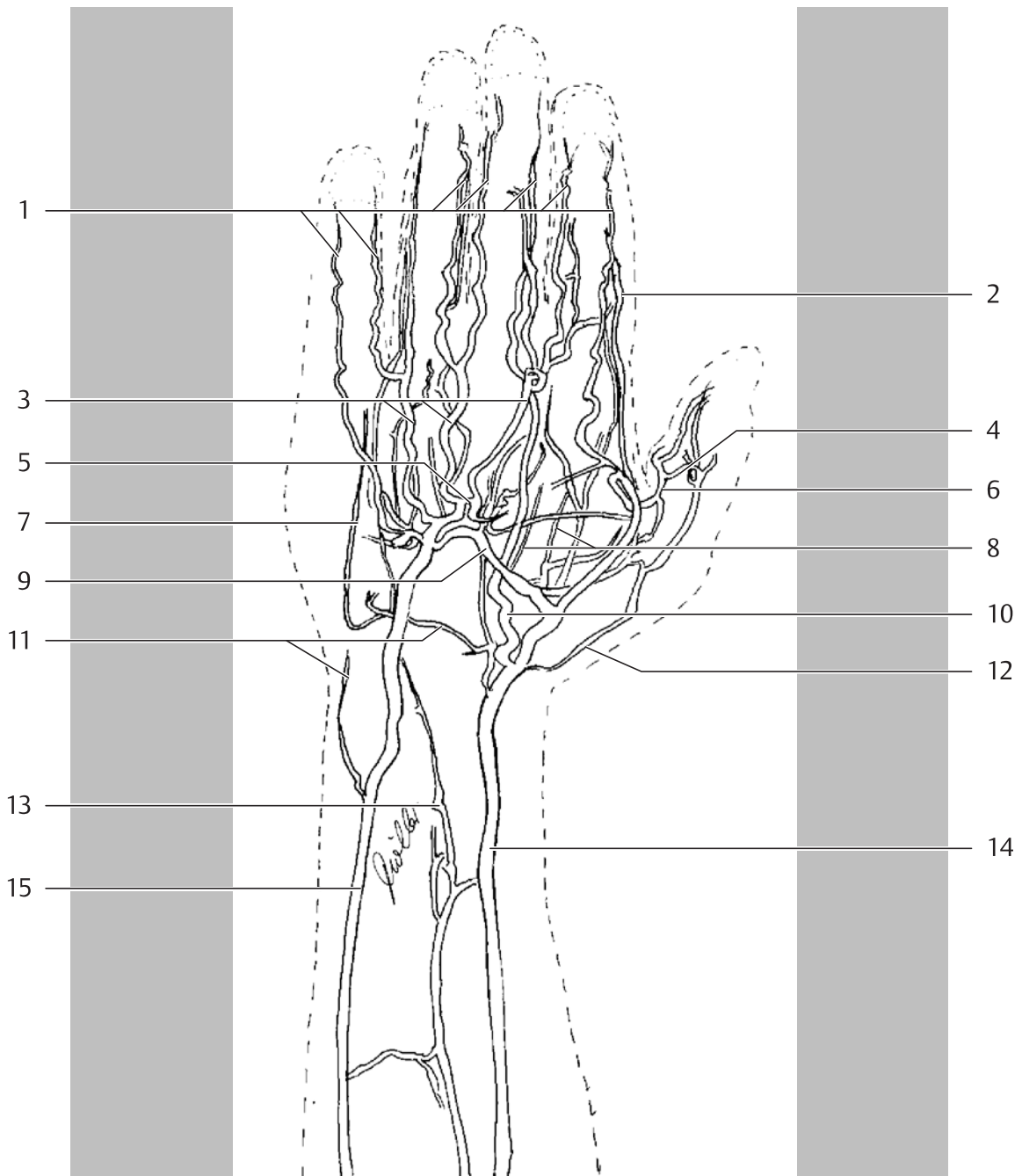
- | | |
|-------------------------|-------------------------------|
| 1 Coeliac trunk | 8 Ileocolic artery |
| 2 Common hepatic artery | 9 Left gastric artery |
| 3 Left hepatic artery | 10 Splenic artery |
| 4 Right hepatic artery | 11 Superior mesenteric artery |
| 5 Gastroduodenal artery | 12 Jejunal arteries |
| 6 Abdominal aorta | 13 Ileal arteries |
| 7 Right colic artery | |





- | | | | |
|---|-----------------------------|---|--------------------------|
| 1 | Right hepatic vein | 6 | Splenic vein |
| 2 | Left branch of portal vein | 7 | Portal vein |
| 3 | Right branch of portal vein | 8 | Superior mesenteric vein |
| 4 | Left hepatic vein | 9 | Jejunal and ileal veins |
| 5 | Intermediate hepatic vein | | |

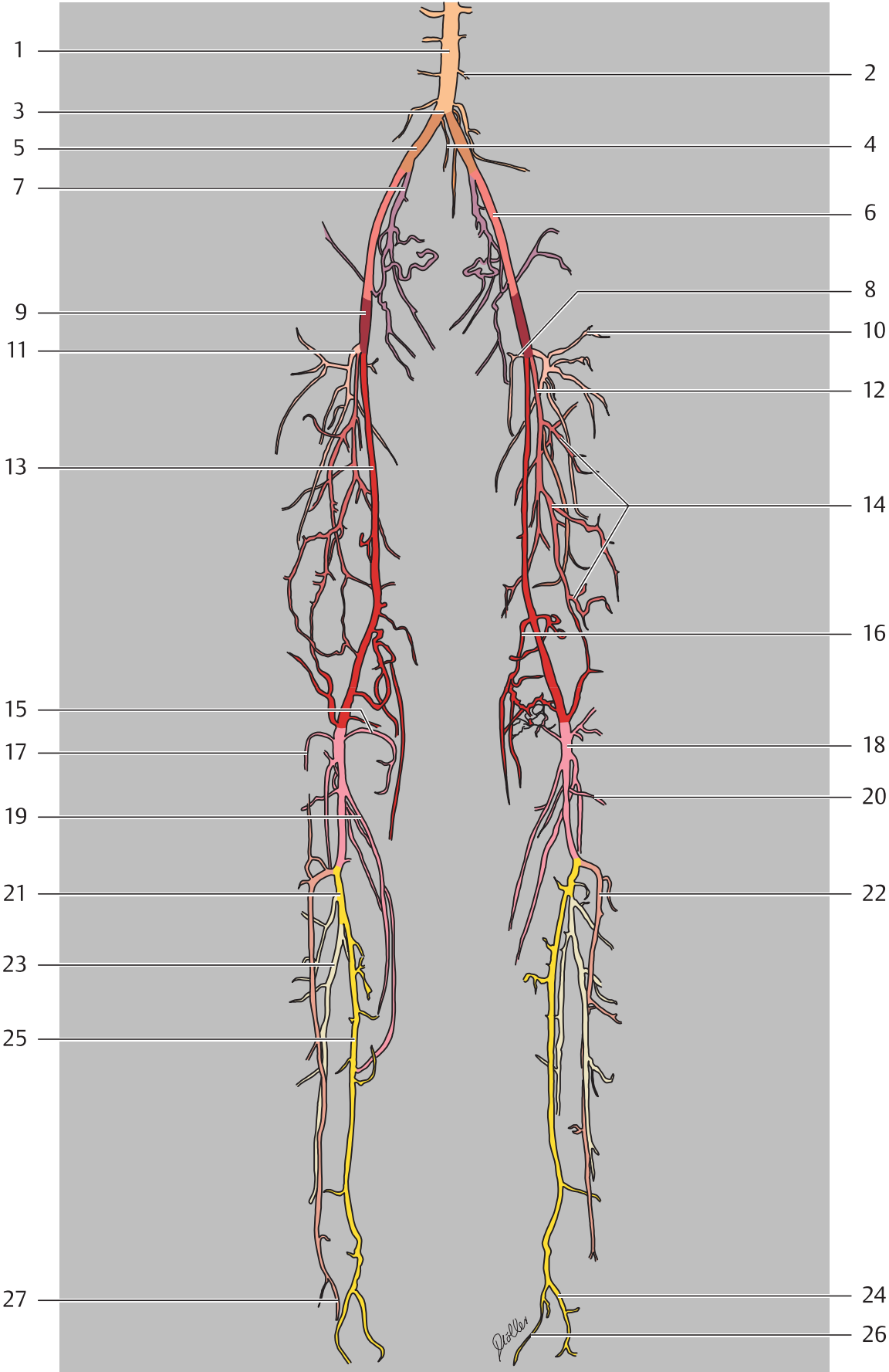




- | | |
|---|---|
| 1 Proper palmar digital arteries | 9 Deep palmar arch |
| 2 Radialis indicis artery | 10 Superficial palmar branch of radial artery |
| 3 Common palmar digital arteries | 11 Dorsal carpal branch |
| 4 Digital arch | 12 Princeps pollicis artery |
| 5 Superficial palmar arch | 13 Anterior interosseous artery |
| 6 Proper palmar digital artery of thumb | 14 Ulnar artery |
| 7 Deep palmar branch | 15 Radial artery |
| 8 Dorsal metacarpal arteries | |

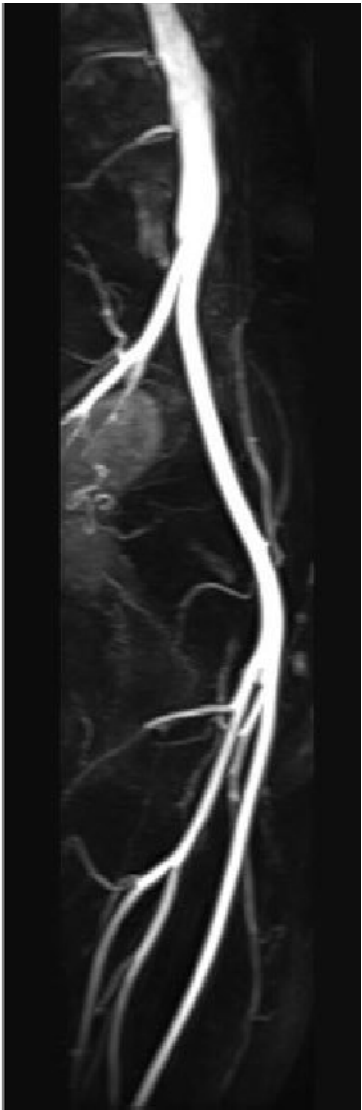


- 1 Abdominal aorta
- 2 Lumbar artery (IV)
- 3 Aortic bifurcation
- 4 Median sacral artery
- 5 Right internal iliac artery
- 6 Left external iliac artery
- 7 Right common iliac artery
- 8 Medial circumflex femoral artery
- 9 Femoral artery
- 10 Ascending branch of lateral circumflex femoral artery
- 11 Obturator artery
- 12 Deep artery of thigh (deep femoral artery)
- 13 Femoral (superficial femoral) artery
- 14 Perforating arteries of deep artery of thigh (deep femoral artery)
- 15 Superior medial genicular artery
- 16 Descending genicular artery
- 17 Superior lateral genicular artery
- 18 Popliteal artery
- 19 Sural arteries
- 20 Inferior lateral genicular artery
- 21 Common trunk of posterior tibial and fibular arteries
- 22 Anterior tibial artery
- 23 Fibular (peroneal) artery
- 24 Lateral plantar artery
- 25 Posterior tibial artery
- 26 Medial plantar artery
- 27 Dorsalis pedis artery

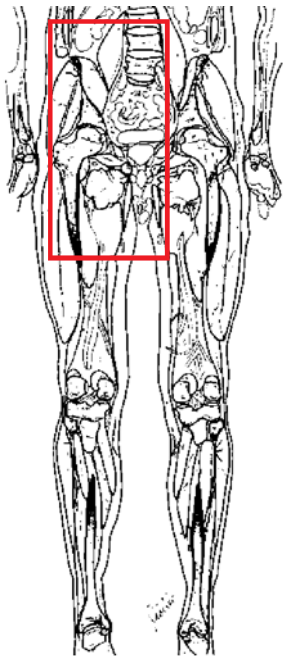


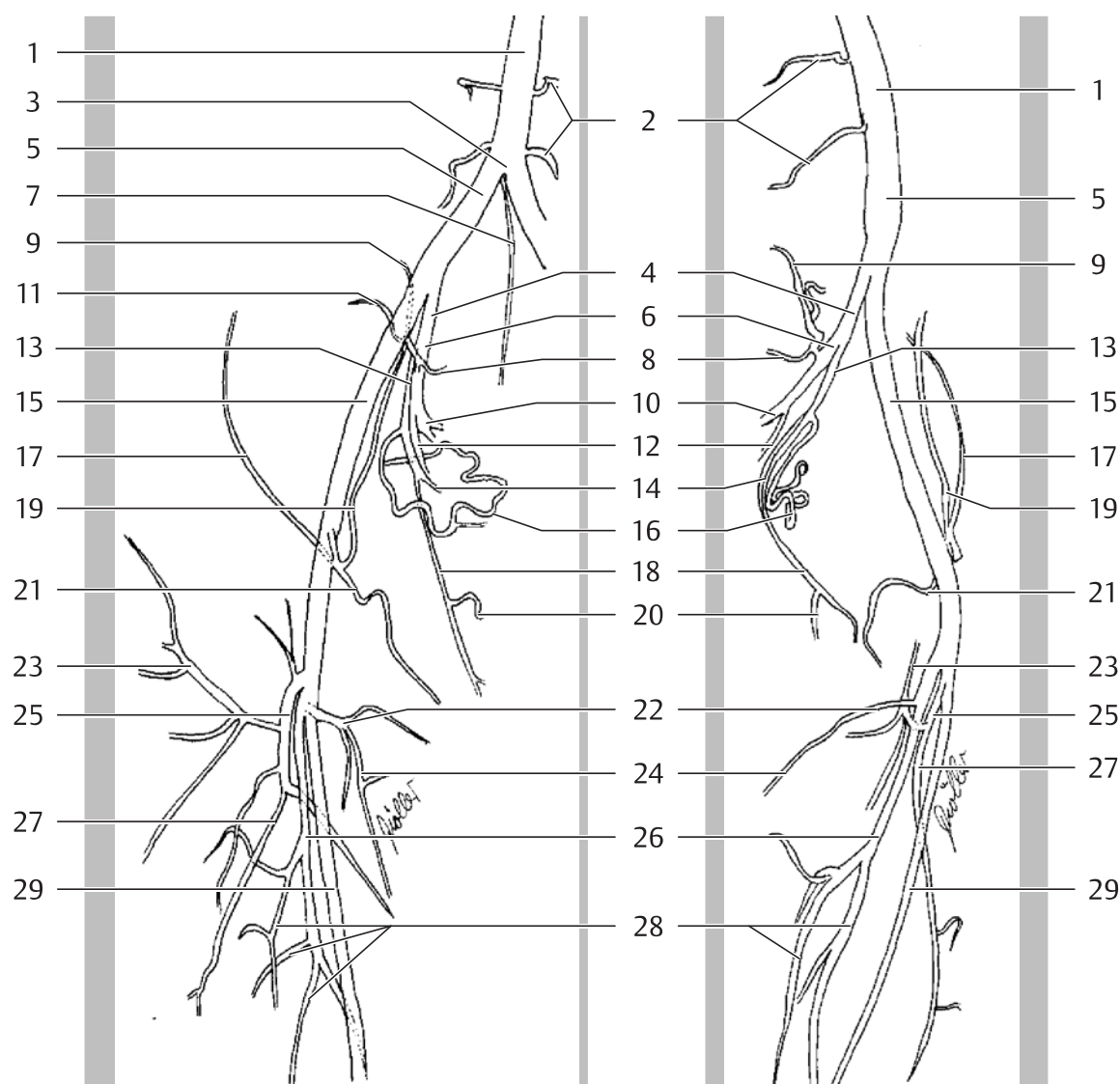


AP (10° oblique)



Lateral





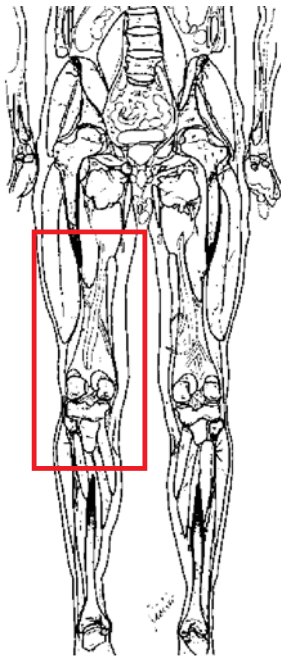
- | | |
|--|--|
| 1 Abdominal aorta | 19 Inferior epigastric artery |
| 2 Lumbar artery | 20 Superior vesical arteries |
| 3 Aortic bifurcation | 21 Obturator branch of inferior epigastric artery |
| 4 Internal iliac artery | 22 Medial circumflex femoral artery |
| 5 Common iliac artery (right) | 23 Ascending branch of lateral circumflex femoral artery |
| 6 Internal iliac artery (posterior part) | 24 Deep branch of medial circumflex femoral artery |
| 7 Median sacral artery | 25 Lateral circumflex femoral artery |
| 8 Lateral sacral artery | 26 Deep artery of thigh (profunda femoris artery) |
| 9 Iliolumbar artery | 27 Lateral circumflex femoral artery (descending branch) |
| 10 Superior gluteal artery | 28 Perforating branches of deep artery of thigh |
| 11 Deep circumflex iliac artery | 29 Femoral artery (superficial) |
| 12 Inferior gluteal artery | |
| 13 Internal iliac artery (anterior part) | |
| 14 Internal pudendal artery | |
| 15 External iliac artery (right) | |
| 16 Uterine artery | |
| 17 Deep circumflex iliac artery | |
| 18 Obturator artery | |

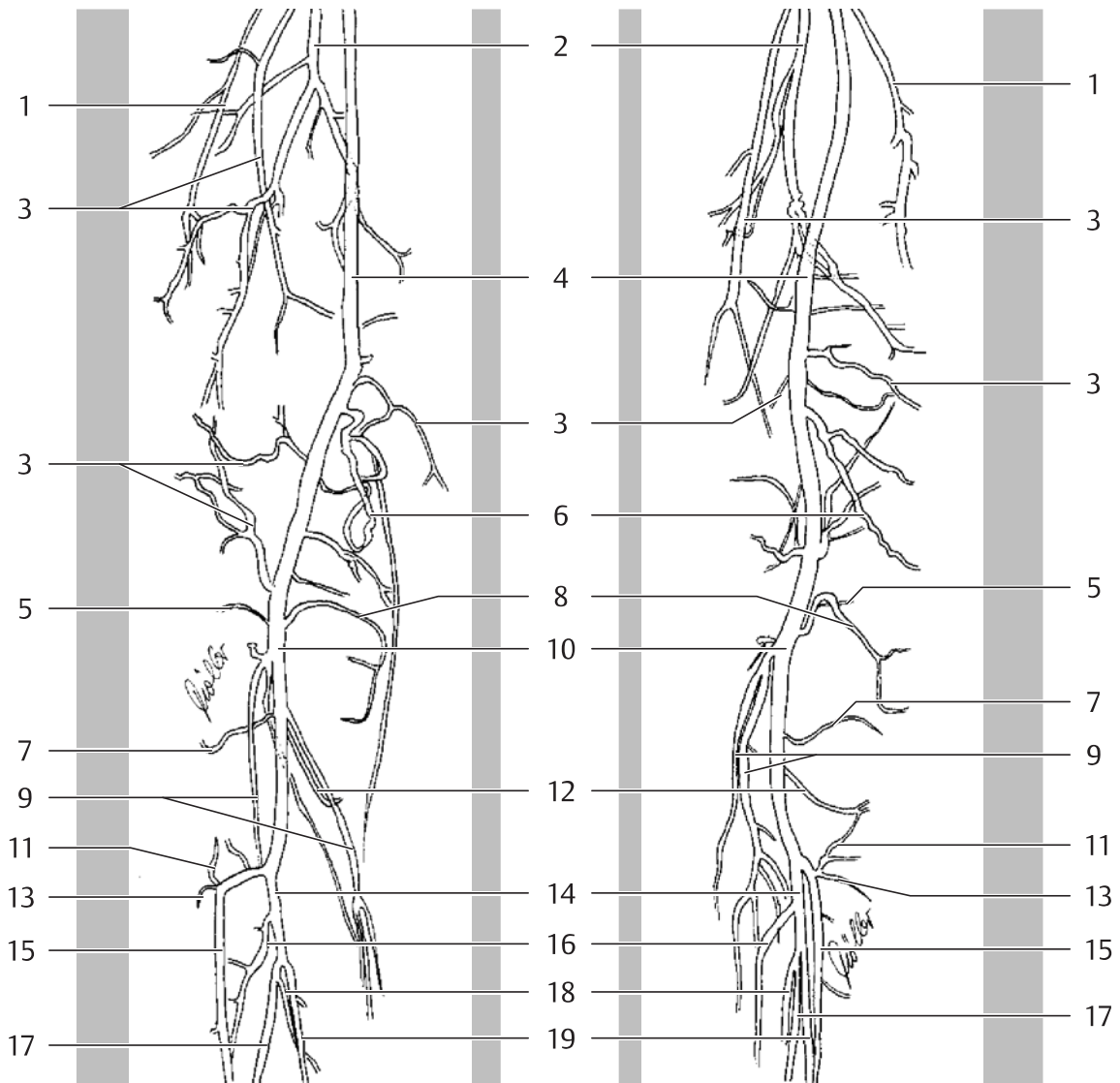


AP (10° oblique)



Lateral





- 1 Lateral circumflex femoral artery (descending branch)
- 2 Deep artery of thigh (profunda femoris artery)
- 3 Perforating arteries
- 4 Femoral artery (superficial)
- 5 Superior lateral genicular artery
- 6 Descending genicular artery
- 7 Inferior lateral genicular artery
- 8 Superior medial genicular artery
- 9 Sural arteries
- 10 Popliteal artery

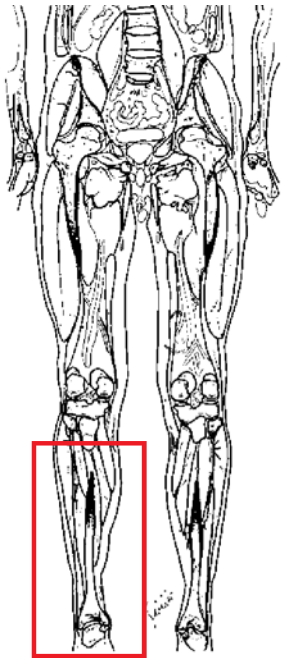
- 11 Posterior tibial recurrent artery
- 12 Inferior medial genicular artery
- 13 Anterior tibial recurrent artery
- 14 Posterior tibial trunk (common trunk of posterior tibial artery and fibular [peroneal] artery)
- 15 Anterior tibial artery
- 16 Circumflex fibular (peroneal) artery
- 17 Fibular (peroneal) artery
- 18 Muscular branch of fibular (peroneal) artery
- 19 Posterior tibial artery

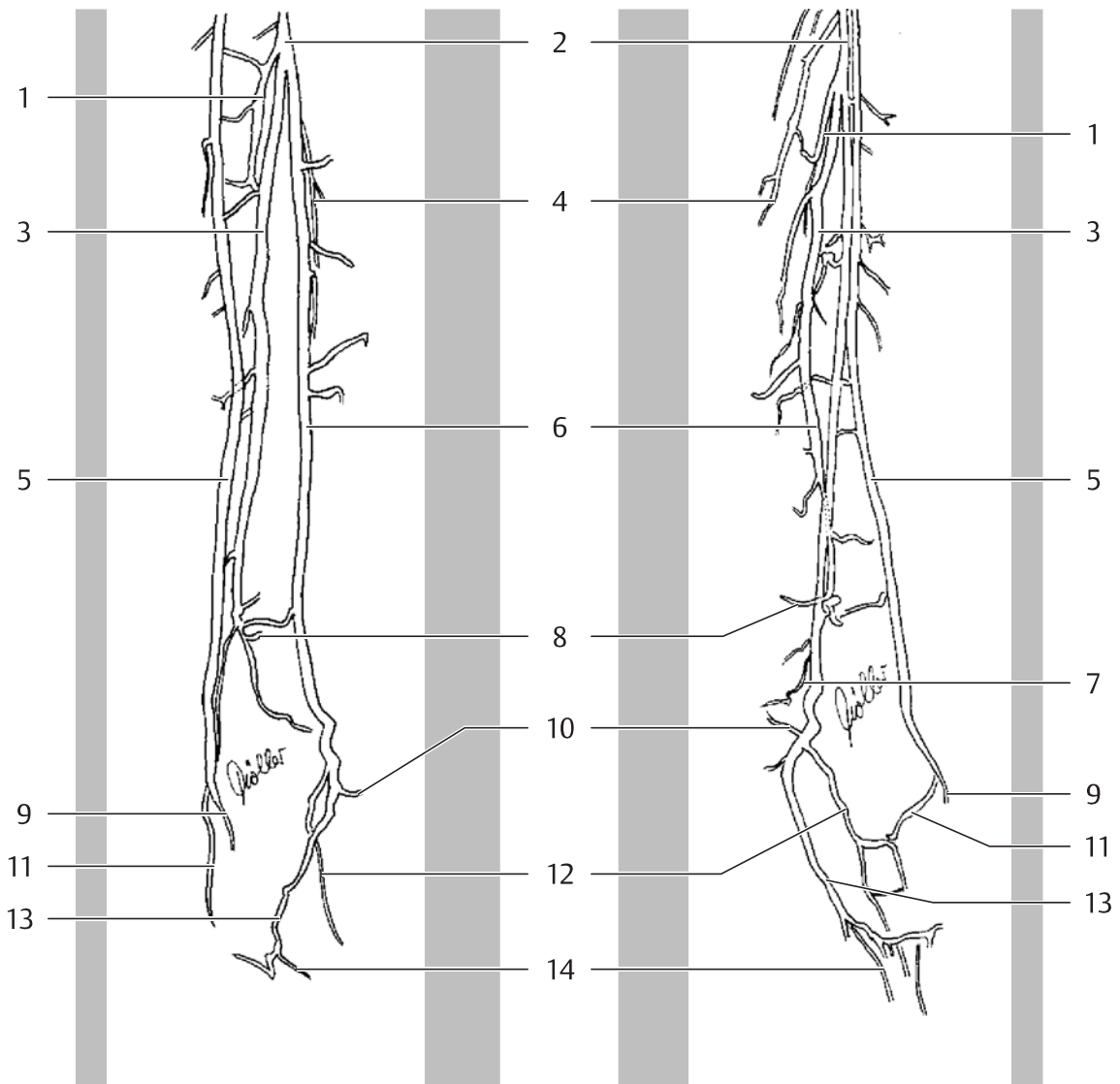


AP (10° oblique)



Lateral





- 1 Circumflex fibular (peroneal) artery
- 2 Posterior tibial trunk (common trunk of posterior tibial artery and fibular [peroneal] artery)
- 3 Fibular (peroneal) artery
- 4 Muscular branch of posterior tibial artery
- 5 Anterior tibial artery
- 6 Posterior tibial artery
- 7 Medial malleolar branch of posterior tibial artery

- 8 Muscular branch of fibular (peroneal) artery
- 9 Dorsalis pedis artery
- 10 Calcaneal branches of posterior tibial artery
- 11 Lateral tarsal artery
- 12 Medial plantar artery
- 13 Lateral plantar artery
- 14 Plantar metatarsal arteries

Bibliography

- Austen WG, Edwards J, Frye RL, et al. A reporting system on patients evaluated for coronary artery disease. Report of the Ad Hoc Committee for Grading of Coronary Disease, Council on Cardiovascular Surgery, American Heart Association. *Circulation* 1975;51 (Suppl. 4):5–40
- Beyer-Enke SA, Tiedemann K, Görich J, et al. Dünnschichtcomputertomographie der Schädelbasis. *Radiologe* 1987; 27:438–8
- Bhosale PR, Patnana M, Viswanathan C, et al. The inguinal canal: anatomy and imaging features of common and uncommon masses. *Radiographics* 2008;28:819–35
- Cahill DR, Orland MJ, Reading CC. *Atlas of Human Cross-Sectional Anatomy*. New York: Wiley-Liss;1995
- Chacko AK, Katzberg RW, MacKay A. *MRI Atlas of Normal Anatomy*. New York: McGraw-Hill;1991
- Dauber W. *Pocket Atlas of Human Anatomy*. Stuttgart: Thieme;2006
- El-Khoury GY, Bergman RA, Montgomery EJ. *Sectional Anatomy by MRI/CT*. New York: Churchill Livingstone;1990
- Faucheron N, Reimer P. Koronare Herz-computertomographie. *Radiologe* 2008;48:681–96
- Federle MF, Rosado-de-Christenson ML, Woodward PJ, et al. *Imaging Anatomy: Chest, Abdomen, Pelvis*. Salt Lake City: Amirsys;2006
- Fritsch H, Kühnel W. *Color Atlas of Human Anatomy*. Stuttgart: Thieme;2007
- Goo HW, Park IS, Ko JK, et al. CT of congenital heart disease: normal anatomy and typical pathologic conditions. *Radiographics* 2003;23:suppl 1:147–165
- Hagens G von, Romrel LJ, Ross MH, Tiedemann K. *The Visible Human Body*. Philadelphia: Lea &Febinger; 1991
- Hoffmann U, Pena AJ, Cury RC, et al. Cardiac CT in emergency department patients with acute chest pain. *Radiographics* 2006;26:963–78
- Hombach V, Grebe O, Botnar RM. *Kardiovaskuläre MRT*. Stuttgart: Schattauer; 2005
- Hricak H, Marotti M, Gilbert TJ, et al. Normal penile anatomy and abnormal penile conditions: evaluation with MR imaging. *Radiology* 1988;169:683–90
- Koritke JG, Sick H. *Atlas of Sectional Human Anatomy*. Baltimore: Urban & Schwarzenberg;1988
- Leyendecker JR, Barnes CE, Zagoria RJ. *MR urography: techniques and clinical applications*. *Radiographics* 2008; 28:23–48
- Lombardi M, Bartolozzi C. *MRI of the heart and vessels*. Milan: Springer; 2005
- Meschan I. *Synopsis of Radiologic Anatomy*. Philadelphia: W.B. Saunders;1978
- Möller TB, Reif E. *Pocket Atlas of Sectional Anatomy, Vol. I. Head, Neck*. Stuttgart: Thieme; 2006
- Möller TB, Reif E. *Pocket Atlas of Sectional Anatomy, Vol. III. Spine, Extremities, Joints*. Stuttgart: Thieme; 2006
- Möller TB, Reif E. *Atlas of Sectional Anatomy: The Musculoskeletal System*. Stuttgart: Thieme; 2009
- Moeller TB, Reif E. *Pocket Atlas of Radiographic Anatomy*. Stuttgart: Thieme; 2010
- Nagel E, van Rossum AC, Fleck E, eds. *Kardiovaskuläre MRT*. Darmstadt: Steinkopf; 2002
- Netter FH. *Atlas of Human Anatomy*, 4th ed. Philadelphia: Saunders; 2006
- Ohashi I, Ina H, Okada Y, et al. Segmental anatomy of the liver under the right diaphragmatic dome: evaluation with axial CT. *Radiology* 1996;200:779–83
- Pannu HK, Flohr TG, Corl FM, Fishman EK. Current concepts in multi-detector row CT evaluation of the coronary arteries: principles, techniques, and anatomy. *Radiographics* 2003;23:S 111–25

- Pretorius WS, Siegelmann ES, Ramchandani P, et al. MR imaging of the penis. *Radiographics* 2001;21:283–99
- Rauber A, Kopsch F. In: Leonhardt H, Tillmann B, Töndury G, Zilles H, eds. *Anatomie des Menschen. Lehrbuch und Atlas*. Bd. 1. Stuttgart: Thieme; 2003
- Reiser MF, Takahashi M, Modic M, Becker CR, eds. *Multislice CT*. Berlin: Springer; 2004
- Richter E, Feyerabend T. Normal lymph node topography. Berlin: Springer; 1991
- Rummeny EJ. MR imaging of the body. Stuttgart: Thieme; 2008
- Schünke M, Schulte E, Schumacher U, Ross LM, Lamperti E. *Thieme Atlas of Anatomy – Neck and Internal Organs*. New York: Thieme; 2010
- Stark DD, Bradley WG. *Magnetic Resonance Imaging*. St. Louis: Mosby; 1999
- Sugita R, Yamazaki T, Fujita N, Naitoh T, Kobari M, Takahashi S. Cystic artery and cystic duct assessment with 64-detector row CT before laparoscopic cholecystectomy. *Radiology* 2008; 248:124–31
- Tiedemann K. *Anatomy of the Head and Neck*. Weinheim: VCH; 1993
- Witzig H. *Punkt-Punkt-Komma-Strich*. Niedernhausen: Falken; 2000
- Yoo E, Kim JH, Kim MJ, et al. Greater and lesser Omenta: Normal Anatomy and Pathologic Processes. *RadioGraphics* 2007;27:707–720

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Lymph Nodes

Lymph Nodes of the Head and Neck

s	Supraclavicular lymph nodes
cs	Superficial cervical lymph nodes
cp	Deep cervical lymph nodes*
cp1	Submental and submandibular lymph nodes

Lateral jugular lymph nodes

cp2	Lateral jugular lymph nodes, upper lateral group
cp3	Lateral jugular lymph nodes, middle lateral group
cp4	Lateral jugular lymph nodes, lower lateral group
cp5	Lymph nodes of the posterior cervical triangle
cp5 (a)	Nuchal lymph nodes
cp6	Nll. cervicales anteriores

Lymph Nodes of the Arm

a	Axillary lymph nodes
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Thoracic Lymph Nodes

t	Lymph nodes of the chest wall
t1	Infraclavicular lymph nodes
t2	Posterior intercostal lymph nodes
t3	Interpectoral lymph nodes
t4	Internal mammary lymph nodes
t5	Parasternal lymph nodes
t6	Superior phrenic lymph nodes
t7	Paramammary lymph nodes
m	Central (mediastinal) lymph nodes**

Supraclavicular zone

1	Low cervical, supraclavicular, and sternal notch nodes
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Superior mediastinal nodes

2R	Upper paratracheal (right)
2L	Upper paratracheal (left)
3a	Prevascular
3p	Retrotracheal
4R	Lower paratracheal (right)
4L	Lower paratracheal (left)

Aortic nodes

5	Subaortic
6	Para-aortic (ascending aorta or phrenic)

Inferior mediastinal nodes

7	Subcarinal
8	Paraoesophageal (below carina)
9	Pulmonary ligament

N1 nodes

10	Hilar
11	Interlobar
12	Lobar
13	Segmental
14	Subsegmental
m15	Prepericardial lymph nodes
m16	Lateral pericardial lymph nodes
m17	Paravertebral lymph nodes
m18	Para-aortic lymph nodes

* Based on the classification of the American Academy of Otolaryngology, Head and Neck Surgery, Robbins 1991

** Based on the IASLC, AJCC, and UICC system for the classification of lung cancer

Abdominal Lymph Nodes

- ap** Parietal (abdominal) lymph nodes
- ap1** Inferior phrenic lymph nodes

Para-aortic lymph nodes

- ap2** Lateral aortic lymph nodes
- ap3** Intermediate lumbar (interaortocaval) lymph nodes
- ap4** Lumbar lymph nodes (left)
- ap5** Preaortic lymph nodes
- ap6** Retroaortic lymph nodes

Paracaval lymph nodes

- ap7** Lateral caval (paracaval) lymph nodes
- ap8** Retrocaval lymph nodes
- av** Visceral (abdominal) lymph nodes
- av1** Coeliac lymph nodes
- av2** Right colic lymph nodes
- av3** Middle colic lymph nodes
- av4** Left colic lymph nodes
- av5** Gastro-omental lymph nodes
- av6** Left gastric lymph nodes
- av7** Hepatic lymph nodes
- av8** Ileocolic lymph nodes
- av9** Juxta-intestinal lymph nodes
- av10** Inferior mesenteric lymph nodes
- av11** Superior mesenteric lymph nodes
- av11i** Intermediate superior mesenteric lymph nodes
- av12** Mesocolic lymph nodes
- av13** Pancreatic lymph nodes
- av14** Paracolic lymph nodes
- av15** Precoecal lymph nodes
- av16** Pyloric lymph nodes
- av17** Sigmoid lymph nodes
- av18** Splenic lymph nodes

- p** Pelvic lymph nodes

Parietal (pelvic) lymph nodes

- p1** Common iliac lymph nodes
- p1a** Common iliac lymph nodes, lateral group
- p1b** Common iliac lymph nodes, medial group
- p1c** Common iliac lymph nodes, middle (posterior) group
- p2** External iliac lymph nodes
- p2a** External iliac lymph nodes, lateral group
- p2b** External iliac lymph nodes, middle group
- p2c** External iliac lymph nodes, medial (obturator) group
- p3** Internal iliac lymph nodes
- p3a** Internal iliac lymph nodes, lateral sacral group
- p3b** Internal iliac lymph nodes, presacral group
- p3c** Internal iliac lymph nodes, anterior group
- p3d** Internal iliac lymph nodes, hypogastric group
- p3e** Internal iliac lymph nodes, superior gluteal group
- p4** Promontory lymph nodes
- p5** Sacral lymph nodes

Visceral lymph nodes

Paravesical lymph nodes:

- p6a** Lateral vesical lymph nodes
- p6b** Posterior vesical lymph nodes
- p6c** Prevesical lymph nodes
- p7** Pararectal lymph nodes
- p8** Superior rectal lymph nodes
- p9** Parauterine lymph nodes
- p10** Paravaginal lymph nodes

Inguinal lymph nodes:

- p11** Inguinal lymph nodes
- p11a** Superficial inguinal lymph nodes
- p11b** Deep inguinal lymph nodes

Pulmonary Segments

Left Lung

- 1 + 2** Apicoposterior segment (upper lobe)
- 3** Anterior segment (upper lobe)
- 4** Superior segment of lingula (upper lobe)
- 5** Inferior segment of lingula (upper lobe)
- 6** Superior segment (lower lobe)
- 7 + 8** Medial basal (cardiac) segment and anterior basal segment (lower lobe)
- 9** Lateral basal segment (lower lobe)
- 10** Posterior basal segment (lower lobe)

Right Lung

- 1** Apical segment (upper lobe)
- 2** Posterior segment (upper lobe)
- 3** Anterior segment (upper lobe)
- 4** Lateral segment (middle lobe)
- 5** Medial segment (middle lobe)
- 6** Superior segment (lower lobe)
- 7** Medial basal segment (lower lobe)
- 8** Anterior basal segment (lower lobe)
- 9** Lateral basal segment (lower lobe)
- 10** Posterior basal segment (lower lobe)

Hepatic Segments

Left Lobe of Liver

- 1** Posterior part of liver, caudate lobe
- 2** Left posterior lateral segment
- 3** Left anterior lateral segment
- 4** Left medial segment (subsegment 4a above, subsegment 4b below)

Right Lobe of Liver

- 5** Right anterior medial segment
- 6** Right posterior medial segment
- 7** Right anterior lateral segment
- 8** Right posterior lateral segment