

# Netter's Anatomy Flash Cards – Section 3 – List 4<sup>th</sup> Edition

<https://community-courses.memrise.com/community/course/1577218/netters-anatomy-flash-cards-section-3/>

<b>Section 3</b>	<b>Thorax (26 cards)</b>
<b>Plate 3-1</b>	<b>Bony Framework of Thorax</b>
1.1	Scapula (Acromion; Coracoid process; Glenoid cavity)
1.2	Clavicle
1.3	True ribs (1-7)
1.4	Costal cartilages
1.5	False ribs (8-12)
1.6	Floating ribs (11-12)
1.7	Sternum (Jugular notch; Manubrium; Angle; Body; Xiphoid process)
<b>Plate 3-2</b>	<b>Costovertebral Joints</b>
2.1	Anterior longitudinal ligament
2.2	Inferior costal facet of vertebra (articulates with the head of the rib that is 1 number higher than the vertebra)
2.3	Interarticular ligament of head of rib
2.4	Superior costal facet of vertebra (articulates with the head of the rib that is the same number as the vertebra)
2.5	Radiate ligament of head of rib
2.6	Superior costotransverse ligament
2.7	Intertransverse ligament
2.8	Lateral costotransverse ligament
2.9	Transverse costal facet of vertebra (articulates with the tubercle of the rib that is the same number as the vertebra)
<b>Plate 3-3</b>	<b>Anterior Thoracic Wall</b>
3.1	External intercostal muscles
<b>Plate 3-4</b>	<b>Anterior Thoracic Wall: Internal View</b>
4.1	Internal intercostal muscles
<b>Plate 3-5</b>	<b>Anterior Thoracic Wall: Internal View</b>
5.1	Innermost intercostal muscles
5.2	Transversus thoracis muscle
<b>Plate 3-6</b>	<b>Posterior and Lateral Thoracic Walls</b>
6.1	Serratus anterior muscle
<b>Plate 3-7</b>	<b>Musculature of Esophagus</b>
7.1	Inferior pharyngeal constrictor muscle
7.2	Cricopharyngeus (muscle) part of inferior pharyngeal constrictor muscle
7.3	Circular muscle layer with sparse longitudinal fibers
7.4	Lateral mass of longitudinal muscle
7.5	Window cut in longitudinal muscle layer (revealing circular muscle layer)
<b>Plate 3-8</b>	<b>Typical Thoracic Spinal Nerve</b>
8.1	Ventral root
8.2	Dorsal root
8.3	Spinal nerve
8.4	Sympathetic ganglion
8.5	Ventral ramus (Intercostal nerve)
8.6	Dorsal ramus
8.7	Lateral cutaneous branch
8.8	Innermost intercostal muscle
8.9	Internal intercostal muscle
8.10	External intercostal muscle
8.11	Anterior cutaneous branch
<b>Plate 3-9</b>	<b>Nerves of Heart</b>
9.1	Superior cervical sympathetic ganglion
9.2	Vagus nerve (CN X)
9.3	Phrenic nerve
9.4	Thoracic (sympathetic) cardiac branches
9.5	Cardiac plexus

9.6	Recurrent laryngeal nerve
9.7	Middle cervical sympathetic ganglion
9.8	Vagus nerve (CN X)
<b>Plate 3-10</b>	<b>Nerves of Esophagus and Posterior Thoracic Wall</b>
10.1	3rd intercostal nerve
10.2	3rd thoracic sympathetic ganglion
10.3	Sympathetic trunk
10.4	Greater splanchnic nerve
10.5	Celiac plexus and ganglia
10.6	Anterior vagal trunk
10.7	Left greater splanchnic nerve
10.8	Cardiac plexus
10.9	Left recurrent laryngeal nerve
10.10	Cervical sympathetic trunk
10.11	Vagus nerve (CN X)
<b>Plate 3-11</b>	<b>Intercostal Arteries</b>
11.1	Dorsal branch of posterior intercostal artery
11.2	Posterior intercostal artery
11.3	Lateral cutaneous branch of posterior intercostal artery
11.4	Anterior intercostal arteries
11.5	Superior epigastric artery
11.6	Internal thoracic artery
11.7	Thoracic aorta
11.8	Right posterior intercostal arteries ( <i>cut</i> )
11.9	Sympathetic trunk
<b>Plate 3-12</b>	<b>Heart: Anterior Exposure</b>
12.1	Right internal jugular vein
12.2	Right brachiocephalic vein
12.3	Subclavian artery and vein
12.4	Superior vena cava
12.5	Left pulmonary artery
12.6	Pulmonary trunk
12.7	Left internal jugular vein
12.8	Left common carotid artery
12.9	Arch of aorta
12.10	Left brachiocephalic vein
12.11	Brachiocephalic trunk
<b>Plate 3-13</b>	<b>Coronary Arteries and Cardiac Veins</b>
13.1	Right coronary artery
13.2	Small cardiac vein
13.3	Circumflex branch of left coronary artery
13.4	Coronary sinus
13.5	Middle cardiac (posterior interventricular) vein
13.6	Posterior interventricular branch (posterior descending branch) of right coronary artery
13.7	Anterior interventricular branch (left anterior descending branch) of left coronary artery
13.8	Great cardiac (anterior interventricular) vein
13.9	Circumflex branch of left coronary artery
13.10	Left coronary artery
<b>Plate 3-14</b>	<b>Arteries of Thoracic Aorta</b>
14.1	Subclavian artery
14.2	Intercostal artery
14.3	Inferior phrenic arteries
14.4	Celiac trunk
14.5	Esophageal branch of left gastric artery
14.6	Esophageal branches of thoracic aorta
14.7	Thoracic (descending) aorta
14.8	Right bronchial artery
14.9	Arch of aorta
14.10	Brachiocephalic trunk
14.11	Subclavian artery

14.12	Thyrocervical trunk
<b>Plate 3-15</b>	<b>Azygos Venous System</b>
15.1	Right brachiocephalic vein
15.2	Superior vena cava
15.3	Azygos vein
15.4	Inferior vena cava ( <i>cut</i> )
15.5	Left gastric vein
15.6	Esophageal branches of left gastric vein
15.7	Superior mesenteric vein
15.8	Splenic vein
15.9	Hemi-azygos vein
15.10	Accessory hemi-azygos vein
15.11	Intercostal vein
15.12	Left brachiocephalic vein
<b>Plate 3-16</b>	<b>Mammary Gland</b>
16.1	Pectoralis major muscle
16.2	Gland lobules
16.3	Lactiferous sinus
16.4	Lactiferous ducts
16.5	Nipple
16.6	Areola
16.7	Areolar glands
16.8	Suspensory ligaments (Cooper's ligaments)
<b>Plate 3-17</b>	<b>Lungs in Situ: Anterior View</b>
17.1	Costal part of parietal pleura ( <i>cut away</i> )
17.2	Superior, middle, and inferior lobes of right lung
17.3	Oblique fissure
17.4	Diaphragmatic part of parietal pleura
17.5	Lingula of superior lobe of left lung
17.6	Oblique fissure
17.7	Superior and inferior lobes of left lung
17.8	Cardiac notch of left lung
<b>Plate 3-18</b>	<b>Lungs: Medial Views</b>
18.1	Hilum
18.2	Oblique fissure
18.3	Left pulmonary artery
18.4	Left main bronchus
18.5	Pulmonary ligament
18.6	Apex
18.7	Right inferior pulmonary vein
18.8	Bronchopulmonary (hilar) lymph nodes
18.9	Right superior lobar (eparterial) bronchus
<b>Plate 3-19</b>	<b>Heart in Situ</b>
19.1	Thymus gland
19.2	Brachiocephalic trunk
19.3	Superior vena cava
19.4	Pericardium
19.5	Phrenic nerve and pericardiophrenic artery and vein
19.6	Recurrent laryngeal nerve
19.7	Arch of aorta
19.8	Left brachiocephalic vein
<b>Plate 3-20</b>	<b>Pericardial Sac</b>
20.1	Superior vena cava
20.2	Transverse pericardial sinus
20.3	Right pulmonary veins
20.4	Inferior vena cava
20.5	Oblique pericardial sinus
20.6	Left pulmonary veins
20.7	Pulmonary trunk (bifurcation)
20.8	Ascending aorta

<b>Plate 3-21</b>	<b>Right Atrium</b>
21.1	Superior vena cava
21.2	Interatrial septum
21.3	Fossa ovalis
21.4	Inferior vena cava
21.5	Opening of coronary sinus
21.6	Pectinate muscles
21.7	Septal cusp of tricuspid valve
21.8	Crista terminalis
21.9	Right auricle
<b>Plate 3-22</b>	<b>Right Ventricle</b>
22.1	Tricuspid valve (Anterior, Septal, and Posterior cusps)
22.2	Chordae tendineae
22.3	Anterior papillary muscle
22.4	Trabeculae carneae
22.5	Septomarginal trabecula (Septal limb and Moderator band)
22.6	Interventricular septum (muscular part)
22.7	Conus arteriosus
22.8	Pulmonary valve (Anterior, Right, and Left semilunar cusps)
<b>Plate 3-23</b>	<b>Left Atrium and Ventricle: Flap Opened in Posterolateral Wall of Left Ventricle</b>
23.1	Left auricle
23.2	Mitral valve (Posterior and Anterior cusps)
23.3	Anterior papillary muscle
23.4	Chordae tendineae
23.5	Left atrium
23.6	Left pulmonary veins
23.7	Ligamentum arteriosum
23.8	Arch of aorta
<b>Plate 3-24</b>	<b>Left Atrium and Ventricle: Section with Mitral Valve Cut Away</b>
24.1	Left auricle
24.2	Aortic valve (Left, Right, and Posterior semilunar cusps)
24.3	Muscular part of interventricular septum
24.4	Left atrium
24.5	Valve of foramen ovale
24.6	Left pulmonary artery
<b>Plate 3-25</b>	<b>Valves and Fibrous Skeleton of Heart</b>
25.1	Pulmonary valve (Anterior, Right, and Left semilunar cusps)
25.2	Aortic valve (Right, Left, and Posterior semilunar cusps)
25.3	Mitral valve (Anterior and Posterior cusps)
25.4	Left fibrous ring (of mitral valve)
25.5	Right fibrous trigone
25.6	Left fibrous trigone
25.7	Tricuspid valve (Anterior, Septal, and Posterior cusps)
25.8	Membranous septum (Interventricular and Atrioventricular parts)
<b>Plate 3-26</b>	<b>Mediastinum: Cross Section at Level of T8 Vertebra</b>
26.1	Thoracic duct
26.2	Azygos vein
26.3	Esophagus and esophageal plexus
26.4	Branches of right main bronchus
26.5	Right atrium
26.6	Right ventricle
26.7	Left ventricle
26.8	Left atrium
26.9	Left inferior pulmonary vein
26.10	Thoracic (descending) aorta