

THORAX 1

You are supposed to learn about:

1. Bones and joints of the thorax (repetition)
2. Anatomy and biomechanics of the thoracic cage
3. Surface anatomy of the thoracic wall (lines, regions, landmarks, palpable structures)
4. The breast – anatomy, function, topography, arterial supply, venous drainage, lymphatic drainage, innervation
5. Fascia of the thoracic wall
6. Axioappendicular muscles (pectoralis major, pectoralis minor, serratus anterior) – anatomy, attachments, topography, actions, innervation; subclavius muscle
7. True muscles of the thoracic wall (levatores costarum, external intercostal muscles, internal intercostal muscles, innermost intercostal muscles, subcostal muscles, transversus thoracis muscles) – anatomy, attachments, topography, actions, innervation
8. Anatomy of the intercostal space – muscles, neurovascular bundle, topography
9. Axilla – anatomy, limitations, contents (brachial plexus and its branches, axillary artery and its branches, axillary vein and its tributaries, lymph nodes), topography
10. Brachial plexus: general structure, branches of supraclavicular and infraclavicular parts, topography (you are supposed to know details of nerves innervating muscles of the thorax and be able to recognize and name all other nerves)
11. Arteries, veins and nerves of the thoracic wall

Always read the relevant clinical blue boxes to have an idea about clinical significance of structures you learn about.

In the dissection room, you are supposed to recognize:

1. Bones and joints of the thorax (repetition)
2. Surface landmarks and palpable structures of the thorax
3. The breast – anatomy, topography
4. Fascia of the thoracic wall
5. Pectoralis major, pectoralis minor, serratus anterior, subclavius – attachments, parts, topography, vessels, nerves
6. External intercostal muscles, internal intercostal muscles, innermost intercostal muscles, subcostal muscles, transversus thoracis muscles - attachments, parts, topography, vessels, nerves
7. Anatomy of the intercostal space – muscles, neurovascular bundle, topography
8. Axilla – anatomy, limitations, contents (brachial plexus and its branches, axillary artery and its branches, axillary vein and its tributaries, lymph nodes), topography
9. Brachial plexus: roots, divisions, cords, branches of supraclavicular and infraclavicular parts, topography (you are supposed to know details of nerves innervating muscles of the thorax and be able to recognize and name all other nerves)
10. Arteries, veins and nerves of the thoracic wall