

Unit 39:

Regions & supply of the trunk (revision)

GENERAL OBJECTIVES:

- Explanation of the organization of somatic and visceral innervation
- Explanation of general and specific principles of the lymph flow in the trunk
- Boundaries and communications between trunk regions

SPECIFIC OBJECTIVES:

1. Regions of the trunk

Describe and demonstrate surface anatomy boundaries between different regions that are included into thorax, abdomen and pelvic

Describe how surface anatomy boundaries vary in relation to distribution of thoracic, abdominal and pelvic cavities

2. Visceral plexuses and visceral ganglia

Describe organization principles of cervical, thoracic, abdominal and pelvic autonomic plexuses

Describe roots of autonomic plexuses, how individual plexuses are distributed within body walls and how secondary plexuses reach target tissues in visceral organs

Describe similarities and differences of autonomic efferent and afferent projections

3. Lymph nodes in the thorax, abdomen & pelvis

Describe organization principles of parietal and visceral thoracic, abdominal and pelvic lymph nodes. How are they linked and how and where do they drain?

Describe specifics of thoracic duct and the right lymphatic duct, which areas of the body they drain and why is that important from the clinical point of view.