

System based embryology topics and issues:

21.-22.11.23

IX. Cardiovascular system

1. Formation of the heart tube and cardiac loop
2. Formation of the cardiac septa
3. Heart defects
4. Circulation before and after birth

X. Nervous system

1. Formation of the brain and spinal cord
2. Cranial nerves
3. Autonomic nervous system
4. Cranial defects

28.-29.11.23

XI. Respiratory system; body cavities, mesenteries, and diaphragm development

1. Formation of the respiratory system (larynx, trachea, and lungs)
2. Maturation of the lungs
3. Birth defects of respiratory system
4. Formation of body cavities and mesenteries

XII. Digestive system

1. Foregut and its derivatives
2. Midgut and its derivatives
3. Hindgut and its derivatives
4. Birth defects of digestive system

12.-13.12.23

XIII. Skeletal and muscular system

1. Skull formation
2. Vertebrae and vertebral column formation
3. Striated skeletal musculature of the body, cardiac and smooth muscle
4. Birth defects of skeletal and muscular system

XIV. Head and neck development

1. Pharyngeal apparatus development and derivatives
2. Tongue and thyroid gland
3. Face development
4. Birth defects of head and neck region

09.-10.01.24

XV. Urinary system

1. Kidney systems
2. Collecting system
3. Excretory system
4. Birth defects of urinary system

XVI. Reproductive system

1. Female and male gonads
2. Female and male genital ducts
3. External genitalia
4. Birth defects of reproductive system (female and male)