Ch 9 study guide

Tuesday, February 14, 2017

10:42 AM

What is the primordial pharynx bounded by? What are pharyngeal arches composed? Neural crest cells later combine with the pharyngeal arches. What tissues do they form? Each arch contains what components?

What are pharyngeal grooves? What separates them externally? Internally? Where are pharyngeal membranes formed?

What structures are derived from each pharyngeal arch? (Table 9-1, p. 160)

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| ARCHES | CRANIAL NERVES | MUSCLES | SKELETAL STRUCTURES | LIGAMENTS |
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What are the adult derivatives of the pouches? (Figure 9-7, p. 162; also see Figure 9-6)

Which pharyngeal groove does not disappear? What does it become? Which pharyngeal membrane does not disappear? What does it become? What does the first pharyngeal pouch become? Second pharyngeal pouch?

From where does the thymus develop? Parathyroid glands? Thyroid gland?

How can cervical cysts, sinuses, and fistulas develop?

What is an ectopic thyroid gland? How would thyroglossal duct sinuses form?

What is a cleft lip? Cleft palate? How are they different? Is there one clear cause of cleft lip?