



Specific Objectives by Chapter and Topic:

Upon Completion of each instructional unit, the student should be able to:



29. Chapter 29, Temporomandibular Joint (TMJ)

- a. Define disc derangement, subluxation, bruxism, and TMJ sounds.
- b. Describe the two movements of the TMJ as the mouth opens.
- c. Examine the role of a synovial cavity.
- d. Evaluation of probable causes of TMJ pain.
- e. Reflect on the sagittal section of the temporomandibular joint.

30. Chapter 30, Muscles of Facial Expression

- a. Name all the muscles surrounding the mouth and their origins, insertions, and actions.
- b. Describe the muscles of facial expression and their origins, insertions, and actions.
- c. Examine the various groupings or locations of the muscles of facial expression and their nerve innervation.
- d. Evaluate the role of the buccinator muscle in mastication.
- e. Reflect with a peer about the muscles of facial expression.

31. Chapter 31, Soft Palate and Pharynx

- a. Define soft palate and pharynx.
- b. Describe the actions of soft palate and pharynx.
- c. Examine the interrelationship of all muscles in chewing, swallowing, and speech.
- d. Evaluate the nerve supplies of the muscles of the soft palate and pharynx.
- e. Reflect with a peer about the soft palate and pharynx.

32. Chapter 32, Arterial Supply and Venous Drainage

- a. Define hematoma.
- b. Trace blood supply from the heart to all areas of the oral cavity, including teeth.
- c. Examine possible problems associated with a posterior superior alveolar injection.
- d. Evaluate the venous drainage from teeth and oral cavity back to the heart.
- e. Reflect with a peer about blood to the vena cava to the heart, out, back, and entire body.



Specific Objectives by Chapter and Topic:

Upon Completion of each instructional unit, the student should be able to:



33. Chapter 33, Salivary Gland

- a. Name and locate each of the major and minor glands.
- b. Classify each of the glands according to its type of secretion.
- c. Examine the development of the ducts and the ductless glands.
- d. Evaluate the function of saliva.
- e. Reflect with a peer on the difference between the major and minor salivary glands.

34. Chapter 34, Nervous System

- a. Name the basic components of the nervous system.
- b. Describe the general makeup of a spinal nerve.
- c. Examine the 12 cranial nerves and their general function.
- d. Evaluate the nerves and areas involved in general and special sensation of the tongue.
- e. Reflect with a peer the nerves and pathways involved in parasympathetic innervation to major salivary glands.

35. Chapter 35, Lymphatics and the Spread of Dental Infection

- a. Define Ludwig's angina.
- b. Describe the concept of fascial space infection.
- c. Examine the primary lymph drainage of all the teeth.
- d. Diagram and label the major groups of lymph nodes that drain the teeth and the oral cavity.
- e. Reflect with a peer on the function of the lymphatic system.

36. Chapter 36, Anatomic Considerations of Local Anesthesia

- a. Name the anatomy associated with mandibular blocks.
- b. Describe the major concerns associated with different local anesthetic nerve block.
- c. Examine the anatomy involved in local infiltration and nerve block injections.
- d. Evaluate the anatomic considerations during administration of local anesthetic.
- e. Reflect with a peer the anatomy of the maxillary and mandibular nerve as it relates to administration of local anesthesia.