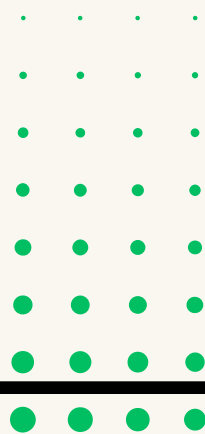


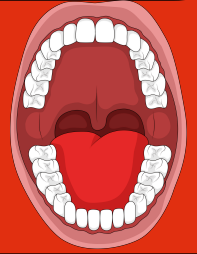
26. Identify the anatomical features and landmarks of the maxillae and mandible and explain their significance.
27. Describe the structure and function of the nose, nasal cavity, and paranasal sinuses in relation to the oral cavity.
28. Classify muscles of mastication based on their functional movements of the mandible.
29. Discuss the potential causes and contributing factors to temporomandibular joint (TMJ) disorders.
30. Identify the muscles surrounding the mouth, including their origins, insertions, and actions.
31. Explain how the muscles of the oral and facial regions work together in chewing, swallowing, and speech.
32. Trace the major blood vessels supplying the oral cavity and associated structures.
33. Identify the major and minor salivary glands and describe their location and function.
34. Describe the branches of the trigeminal nerve and the areas of the face and oral cavity they innervate.
35. Identify the primary lymphatic drainage pathways for the teeth and surrounding tissues.
36. Understand the anatomical basis and areas affected by maxillary and mandibular nerve blocks used in dental anesthesia.





# Specific Objectives by Chapter and Topic:

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



## 1. Chapter 1, Oral Cavity

- a. List the boundaries and sub-boundaries of the oral cavity and the structures in each area
- b. Summarize terms vestibule, oral cavity proper, mucobuccal fold, frenum, alveolar mucosa, gingiva, exostoses, torus palatinus, and torus mandibularis.
- c. Differentiate normal from abnormal anatomy in the oral cavity and to ensure a follow-up examination.
- d. Discuss the oral cavity with a peer.
- e. Reflect on the oral cavity with a peer.

## 2. Chapter 2, The Tooth: Functions and Terms

- a. Identify the different tissues that compose the teeth.
- b. Explain to a peer about single, bifurcated, and trifurcated roots.
- c. Establish an understanding of the significance of the crown/root ratio.
- d. Distinguish between the different line angles of the teeth.
- e. Share with a peer about the functions and differences of the incisors, canines, premolars, and molars.

## 3. Chapter 3, Fundamental and Preventative Curvatures

- a. Identify the proximal contact areas.
- b. Describe the contact points on each tooth.
- c. Examine tooth shape and alignment in protecting the periodontium.
- d. Analyze the alignment of the teeth and protecting of the periodontium with a peer.
- e. Participate in a study group to go over the teeth and protection of the periodontium.

## 4. Chapter 4, Dentition

- a. Name and code any individual tooth.
- b. Describe the difference among primary dentition, secondary dentition, and mixed dentition.
- c. Examine the arrangement of the tooth into dentitions, arches, and quadrants.
- d. Analyze a tooth when given a code from one of the three systems.
- e. Share with a peer about your knowledge on dentition.