



BAKER COLLEGE

STUDENT LEARNING OUTCOMES

DHY1310 Head and Neck Anatomy
2 Semester Hours

Student Learning Outcomes

1. Apply the correct anatomical nomenclature to head and neck structures.
2. Identify surface anatomy and landmarks in the head and neck region.
3. Classify the bones of the skull.
4. Reconstruct the bones of the head and neck on the skull and on diagrams.
5. Dissect the anatomy of the nose, nasal cavity and paranasal sinuses.
6. List the cervical muscles and their functions.
7. Analyze the muscles of facial expression and identify them on a diagram.
8. Describe the nerve supply and blood supply to the muscles of facial expression.
9. List the muscles of mastication and describe their functions.
10. Arrange the origin, insertion, nerve supply and blood supply of the muscles of mastication.
11. Classify the hyoid muscles according to their location and action.
12. Classify the muscles of the tongue according to their location and action.
13. Identify and describe the muscles of the soft palate and pharynx.
14. Arrange the structures and landmarks of the TMJ.
15. Analyze the movement of the TMJ.
16. Classify the signs of disc derangement, subluxation and bruxism.
17. Interpret possible causes of TMJ pain.
18. Diagram the blood supply from the heart to all areas of the head and neck, including the teeth.
19. Reconstruct the venous drainage of the head and neck.
20. Identify the location and function of the lacrimal glands.
21. Differentiate between each of the major and minor salivary glands.
22. Compare and contrast the thyroid, parathyroid and thymus glands.
23. List the structures of the central nervous system and peripheral nervous systems.
24. Compare the differences between the sympathetic and parasympathetic nervous systems.
25. Review the twelve cranial nerves and nerve lesions of the head and neck region.
26. List the branches of the facial nerve and describe the functions of each.
27. List the branches of the trigeminal nerve and describe the function of each.
28. Analyze the maxillary division of the trigeminal nerve in relationship to local anesthesia.
29. Analyze the mandibular division of the trigeminal nerve in relationship to local anesthesia.
30. Discuss the lymphatic system and its components.
31. Identify the major lymph node groups of the head and neck.
32. Reconstruct the lymphatic drainage of the head and neck.

33. Analyze the relationship between the spread of cancer and the lymphatic system.
 34. Identify the fasciae of the head and neck region.
 35. Name and locate the major spaces of the head and neck region.
 36. Analyze the process of the spread of infection in the head and neck region.
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These SLOs are not approved for experiential credit.

Effective: Fall 2017