TUMALIUAN, ALEXANDER PAUL V.

2023-16861

ACTIVITY 1, MUSCULAR SYSTEM

08 SEPTEMBER 2023

- 1. Platysma
 - a. Origin: Fascia over deltoid and pectoralis major muscles.
 - b. Insertion: Mandible, blends with muscles around angle of mouth, and skin of lower face.
 - c. Action: Draws outer part of lower lip inferiorly and posteriorly as in pouting; depresses mandible.
- 2. Mentalis
 - a. Origin: Mandible
 - b. Insertion: Skin of chin
 - c. Action: Depresses (lowers) lower lip.
- 3. Bucchinator
 - a. Origin: Alveolar processes of maxilla and mandible and pterygomandibular raphe (fibrous band extending from pterygoid process of sphenoid bone to mandible).
 - b. Insertion: Orbicularis oris.
 - c. Action: Presses cheeks against teeth and lips, as in whistling, blowing, and sucking; draws corner of mouth laterally; and assists in mastication (chewing) by keeping food between the teeth (and not between teeth and cheeks).
- 4. Corrugator Supercillii
 - a. Origin: Medial end of superciliary arch of frontal bone.
 - b. Insertion: Skin of eyebrow.
 - c. Action: Draws eyebrow inferiorly and wrinkles skin of forehead vertically as in frowning.
- 5. Orbicularis Oculi
 - a. Origin: Medial wall of orbit.
 - b. Insertion: Circular path around orbit.
 - c. Action: Closes eye.
- 6. Occipitofrontalis (Frontal belly)
 - a. Origin: Epicranial aponeurosis
 - b. Insertion: Skin superior to supraorbital margin.

References:

Tortora, G. J., & Derrickson, B. (2017). Principles of anatomy & physiology. Fifteenth edition; Wiley Loose-Leaf Print Companion. Hoboken, New Jersey, John Wiley & Sons, Inc.