AXIAL MUSCLES OF HEAD
11/19/81, rsmd 2 Dec 1999, 21 Nov 01, 17 Nov 03, 19Nov07, 17Nov08, 16Nov09, 15Nov10, 14Nov11
S&M, p. 209, Martini 5th, 320-335, Kapit and Elson: pl 27-26, Martini
6th: 340-357, Martini 7th: 334-349, 8th: 341-358, 10th: 345-351

600 muscles in body, named for:
shape location action attachments
divisions number relationship size

HEAD AND NECK: (p 345) facial muscles move skin, not bone, facial expression. arise fr bone or superficial fascia, insert into skin
orbicularis oculi [rut, little, of the eye] sphincter around eye, winks, squints, closes
orbicularis oris [rut, little, of the mouth] closes mouth, purses lips
epicranius: moves scalp. two parts:
frontalis occipitalis attach to galea aponeurotica,
corrugator [together, fold] draws eyebrows together, frown
procerus wrinkles skin between eyebrows
mentalis [of the chin] pouting muscle
risorius [laughter] draws mouth laterally
zygomaticus major & minor [join] raise angle of mouth, smiling
platysma [flat] (p 345) superficial muscle of neck, orig in fascia of deltoid & pectoralis tightens neck, depresses mandible

MASTICATION: (p348, 349)
temporalis  origin: frontal, temporal, parietal coronoid process and mandibular ramus (near articulation with mandibular fossa)fan shaped
masseter[chew] origin: zygomatic arch insertion: angle and ramus of mandible
pterygoid, lateral and medial: positions jaw, side wise grinding, protrusion of jaw
buccinator [cheek] positions food for chewing
Tongue: many have “gloss-“ on name: intrinsic (shape of tongue) and extrinsic (movement of tongue)

THROAT: (p 350, 345 under platysma)
sternocleidomastoid origin: manub & clavicle insertion: mastoid process. major muscle of neck, marks anterior, posterior triangles of neck,
Anterior triangle of neck deep muscles move the hyoid bone: suprahoid attaches to styloid process, mandible, inserts into hyoid, moves up during swallowing
infrahyoid attach to manubrium, clavicle, thyroid cartilage of larynx, etc, pull down on hyoid and larynx following swallowing
Scalenes fr top 2 ribs to transverse process of cerv. vert
splenius capitis "bandage muscle,” holds down deeper muscles of posterior neck (p 360, 349), rotate, flex neck
and ligamentum nuchae: [back of the neck] sail-like ligament, attach to midline of occipital and spines of cervical vertebra. anchors many post neck muscles, inhibits neck fr flexion

Lateral Neck Muscles

Thyrohyoid muscle

Omohyoid muscle (superior)

Omohyoid muscle (inferior)