

MUSCLES OF SCALP & FACE

OCCIPITOFRONTALIS

FRONT BELIUM

- O → epicranial aponeurosis
- I → skin & subQ of eyebrows
- N → **temporal** branch of parotid plexus (CN VII)
- Fan → elevates eyebrows, wrinkles forehead, protracts scalp, **"suspicious look"**

OCCIPITAL BELIUM

- O → lateral 2/3 of superior nuchal line
- I → epicranial aponeurosis
- N → **posterior auricular** branch of CN VII
- Fan → retracts scalp

LEVATOR LABII SUPERIORIS ALAQUE NASII

- O → internasal orbit
- I → major alar cartilage
- N → **buccal** branch of parotid plexus (CN VII)
- Fan → depresses ala laterally, dilates anterior nasal aperture; **"flaring nostrils"**

LEVATOR LABII SUPERIORIS

- O → infra-orbital margin
- I → skin of upper lip
- Fan → elevate and evert upper lip, deepen nasolabial sulcus; **"sad look"**
- N → **buccal** branch of parotid plexus (CN VII)

ZYGOMATICUS MAJOR

- O → lateral zygomatic bone
- I → angle of mouth (medial)
- N → **buccal** branch of parotid plexus (CN VII)
- Fan → elevate labial commissure bilaterally; **"happy look"** to smile, unilaterally **"distorted look"** to sneer

LEVATOR ANGULI ORIS

- O → infra-orbital maxilla (canine for.)
- I → angle of mouth (medial)
- N → **buccal** branch of parotid plexus (CN VII)
- Fan → **"grimacing"** or **"grimacing"**

MODIOLUS

→ refers to junction of upper & lower lip, intersection of up to 4 facial muscles that create the appearance of dimples

ORBICULARIS OCULI

- O → medial orbit, lacrimal bone, medial palpebral ligament
- I → skin around orbit, superior & inferior tarsal plates
- N → **temporal**, **zygomatic** branches of parotid plexus (CN VII)
- Fan → palpebral nerves eyelid gently, orbital closes eyelid tightly (**winking**)

CORRUGATOR SUPERCILII

- O → medial superciliary arch
- I → skin superior to mid superciliary arch
- N → **temporal** branch of parotid plexus (CN VII)
- Fan → draws eyebrows medially and inferiorly to create vertical wrinkles across nose; **"worried look"**

PROCERUS

- O → lateral nasal cartilage, fascia over nasal bone
- I → skin between eyebrows
- N → **buccal** branch of parotid plexus (CN VII)
- Fan → depresses medial eyebrow, wrinkles dorsum of nose **"disgusted look"**

ORBICULARIS ORIS

- O → medial maxilla & mandible, deep surface of palmar skin, angle of mouth (medial)
- I → mucous membrane of lips
- N → **buccal** branch of parotid plexus (CN VII)
- Fan → tenses closes oral fissure, phasic contractions compressed & protrudes lips **"sucking"** or resist distention **"grimacing"**

BUCCINATOR

- O → mandible, alveolar processes of mandible & maxilla, pterygo-mandibular raphe
- I → angle of mouth (medial), oricularis ans
- N → **buccal** branch of parotid plexus (CN VII)
- Fan → presses cheek against maxilla, keeps food from occlusal surfaces & out of oral vestibule, reduces distention **"sucking"**

DEPRESSOR LABII INFERIORIS

- O → pterygoid & endosteal mandible
- I → skin of lower lip
- N → **marginal mandibular** branch of parotid plexus (CN VII)
- Fan → depresses (retroverts) and everts lower lip **"pouting"**; **"sad look"**
- N → **marginal mandibular** branch of parotid plexus
- Fan → elevates & protrudes lower lip, **"disgusted look"**



RISORII

- O → parotid fascia, buccal skin
- I → angle of mouth (medial)
- N → **buccal** branch of parotid plexus (CN VII)
- Fan → depresses bilaterally to **"frown"** **"sad look"**

DEPRESSOR ANGULI ORIS

- O → antero-lateral angle of mandible
- I → angle of mouth (medial)
- N → **marginal mandibular** branch of parotid plexus (CN VII)
- Fan → depresses labial commissure bilaterally to **"frown"** **"sad look"**

MENTALIS

- O → body of mandible (anterior to inferior forstern)
- I → skin of chin (mentum)

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JG Myers



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web under the finalise of the experiment it was found that iron was the limiting reactant and iron ii sulfate was a product of the reaction between 7 0002g away cooper ii sulfate and 2 0101g iron metal which produced 2 3037g of copper product with a percent yield of 100 72 introduction

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