

Nerve and vessels of the face

nerve

sensory

- lacrimal .N. supply skin & conjunctiva -lateral eyelid
- supraorbital .N. supply skin & conjunctiva-central eyelid
skin of forehead
- supratrochlear .N. supply skin & conjunctiva-medial eyelid
skin of lower part of forehead
- infratrochlear .N. supply skin & conjunctiva-medial eyelid
adjoining part of the side of the nose
- external nasal .N. emerge between nasal bone and nasal cartilage
supply skin of the side of nose to down to the tip
- infraorbital .N. skin of lower eyelid
cheek
side of the nose
upper lip
- zygomaticofacial .N. skin over the prominence of the cheek
- zygomaticotemporal .N. skin over the temple
- mental .N. emerges from mental foramen
supply skin of lower lip and chin
- buccal .N. emerges beneath masseter muscle
supply skin over small area of cheek
- auriculotemporal .N. ascend above upper border of parotid gland
supply skin of auricle
external auditory meatus
outer surface of tympanic membrane
skin of the scalp above aurical

motor

- Temporal .N.
- zygomatic .N.
- buccal .N.
- mandibular .N.
- cervical .N.

lymph drainage

- submandibular
- buccal
- parotid
- submental

venous drainage

- correspond to branches of artery
- deep facial vein
- transverse facial vein
- facial vein
- transverse facial vein

Arterial supply

- superficial temporal .A. transverse facial .A.
- ophthalmic .A. supraorbital
supratrochlear
- submental .A. supply the skin of the chin & lower lip
- inferior labial .A. arise near the angle of the mouth-lower lip
anastomose with its fellow
- superior labial .A. arise near the angle of the mouth-upper lip
give branches to the ala and septum of the nose
- lateral nasal .A. arise from facial artery alongside the nose
supply skin on the side & dorsum of the nose
- infraorbital .A. it is continuation of maxillary .A.
- mental .A.
- external nasal .A.