

## SENSORY NERVES OF THE FACE:

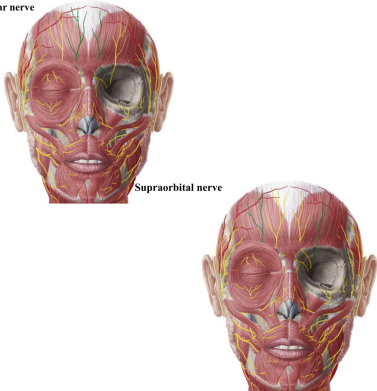
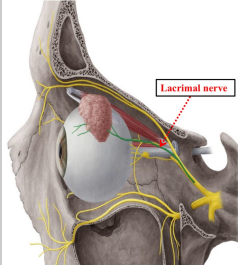
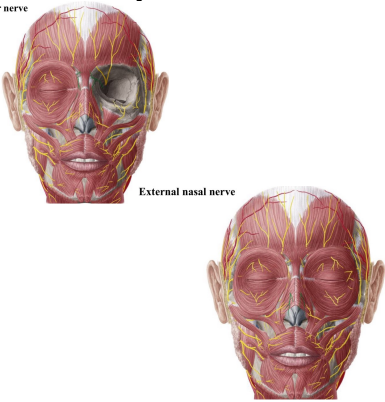
At first The Trigeminal Nerve has 3 branches:

1-Ophthalmic nerve.

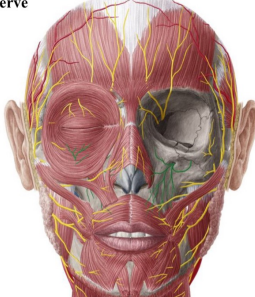
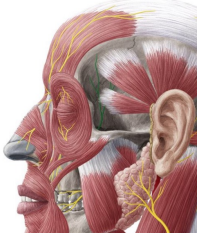

2-Maxillary nerve.

3-Mandibular nerve.


First, **OPHTHALMIC NERVE** BRANCHES:

<p><b>1-Frontal nerve</b></p> 	<p><b>A) SUPRATROCHLEAR NERVE :</b></p> <ul style="list-style-type: none"> <li>-winds around the superior orbital margin and ascends over the forehead close to the median plane.</li> <li>-it supplies the scalp nearly as far backward as the vertex.</li> <li>-it supplies the skin on the <b>medial part</b> of the upper eyelid and the skin of the forehead, close to the median plane.</li> <li>-emerges from superior orbital fissure.</li> </ul> <p><b>B) SUPRAORBITAL NERVE:</b></p> <ul style="list-style-type: none"> <li>-passes through the supraorbital foramen and ascends over the forehead.</li> <li>-it supplies the scalp as far backward as the vertex.</li> <li>-it supplies the skin on the <b>central part</b> of the upper eyelid ; it also supplies the skin of the forehead</li> </ul>
<p><b>2-Lacrimal nerve</b></p> 	<p>-supplies the skin on the <b>lateral part</b> of the upper eyelid</p>
<p><b>3-Nasociliary nerve</b></p> 	<p><b>A) The infratrochlear nerve :</b></p> <ul style="list-style-type: none"> <li>-it supplies the skin on the <b>medial part</b> of the upper eyelid and the adjoining part of the side of the nose.</li> </ul> <p><b>B) The external nasal nerve :</b></p> <ul style="list-style-type: none"> <li>-it supplies the skin on the <b>dorsum</b> of the nose down as far as the <b>tip</b>.</li> </ul>

Second, **MAXILLARY NERVE** (passes through foramen rotundum):

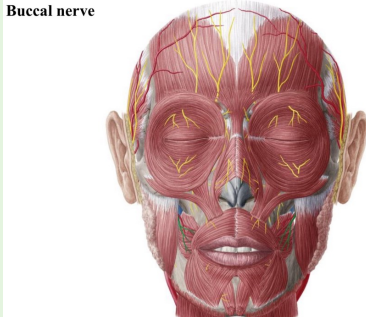
<p><b>1-The infraorbital nerve</b> Infraorbital nerve</p> 	<ul style="list-style-type: none"><li>-is a direct continuation of the maxillary nerve.</li><li>-enters the orbit through <b>inferior orbital fissure</b>.</li><li>-appears on the face through the <b>infraorbital foramen</b>.</li><li>-it immediately divides into numerous small branches, which radiate out from the foramen and supply the skin of the lower eyelid and cheek, the side of the nose, and the upper lip.</li></ul>
<p><b>2-Zygomatic nerve</b> Zygomaticotemporal nerve</p>  <p>Zygomatofacial nerve</p> 	<p><b>A) Zygomaticotemporal nerve :</b></p> <ul style="list-style-type: none"><li>-supplies the skin over the temporal region.</li><li>-emerges in the temporal fossa through a small foramen on the posterior surface of the zygomatic bone (<b>zygomaticotemporal foramen</b>).It supplies the skin over the temple.</li></ul> <p><b>B) Zygomatofacial nerve :</b></p> <ul style="list-style-type: none"><li>- passes onto the face through a small foramen on the lateral side of zygomatic bone (<b>zygomatofacial foramen</b>) . It supplies the skin over the prominence of the cheek.</li></ul>

Third, **MANDIBULAR NERVE** (passes through foramen ovale):

<p><b>1-The mental nerve</b> Mental nerve</p> 	<ul style="list-style-type: none"><li>-emerges from the mental foramen of the mandible.</li><li>-supplies the skin of the lower lip and chin.</li></ul>
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## 2-The buccal nerve

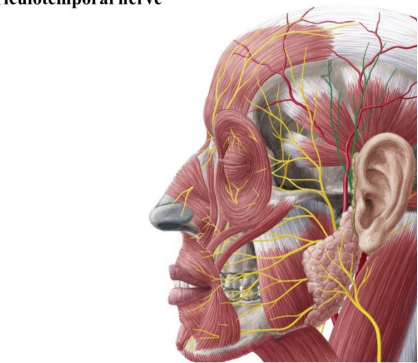
Buccal nerve



-supplies the skin over the buccinator muscle.

## 3-Auriculotemporal nerve

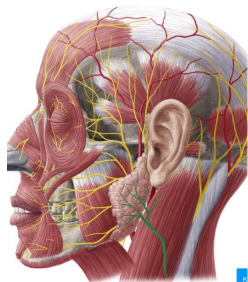
Auriculotemporal nerve



-ascends from the upper border of the parotid gland btw the superficial temporal vessels and the auricle.  
-supplies the skin of the auricle, the external auditory meatus, and the skin over the temporal region.

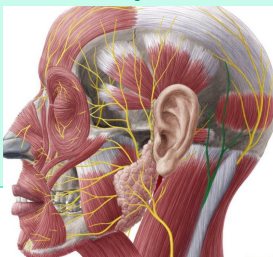
## Branches from cervical plexus:

### 1-Greater auricular nerve



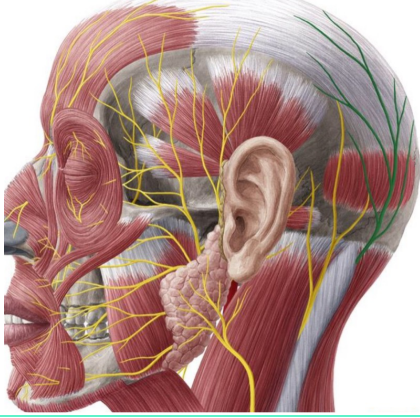
-a branch of the cervical plexus (C2,C3)  
-supplies skin over the angle of mandible, over parotid gland, lower half of auricle.

### 2-Lesser occipital nerve



-a branch of cervical plexus (C2)  
-emerges behind the posterior border of sternocleidomastoid muscle.  
-supplies the skin over the lateral part of scalp behind the auricle.

### 3-Greater occipital nerve



- branch of the posterior ramus of the second cervical nerve (C2)
- ascends over the back of the scalp.
- supplies the skin over the back of the scalp as far forward as the vertex.

Done by : Shaima'a Almnasrah

ما تنسوننا من الدعاء.

