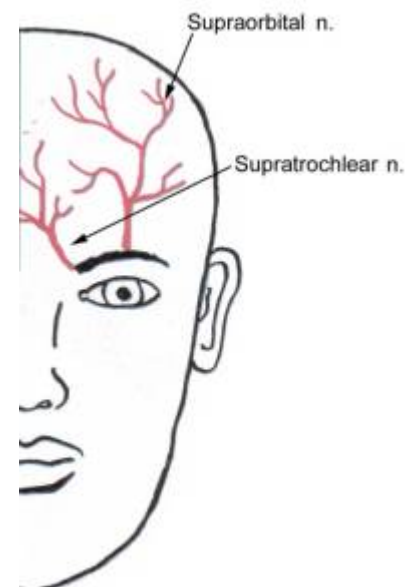


Supraorbital nerve



The supraorbital and [supratrochlear nerves](#) arise from the [frontal nerve](#) and are 2 of the 5 branches of [V1](#) (ophthalmic division of the [trigeminal nerve](#)). The supraorbital [nerve](#) is the largest branch. It exits the [orbit](#) through the [supraorbital notch](#) or foramen, usually within the medial third of the orbital roof (mean distance from exit to medial angle of the orbit: 20 mm (range: 5–47) ¹⁾). The [supratrochlear nerve](#) exits the orbit without a foramen or notch 3–38 mm medial to the supraorbital nerve (mean: 15.3 mm ²⁾); the most medial branch varies from 8–30 mm lateral to the patient's midline ³⁾)

The supraorbital [nerve](#) passes through the [supraorbital foramen](#), and gives off, in this situation, palpebral filaments to the upper [eyelid](#). Additionally, it supplies the [conjunctiva](#) of the [eye](#), the [frontal sinus](#), and the skin from the forehead extending back to the middle of the [scalp](#).

The [supraorbital nerve](#) frequently constitutes the lateral [landmark](#) of the [frontal sinus](#), consequently keeping lateral to it, avoids entering the sinus cavity. However, there are several variants that have to be considered.

Supraorbital Nerve Stimulation

[Supraorbital Nerve Stimulation.](#)

¹⁾ , ²⁾ , ³⁾

Andersen NB, Bovim G, Sjaastad O. The frontotemporal peripheral nerves. Topographic variations of the supraorbital, supratrochlear and auriculotemporal nerves and their possible clinical significance. *Surgical and Radiologic Anatomy*. 2001; 23:97–104

From:

<https://neurosurgerywiki.com/wiki/> - **Neurosurgery Wiki**

Permanent link:

https://neurosurgerywiki.com/wiki/doku.php?id=supraorbital_nerve

Last update: **2024/06/07 02:50**

