



FIGURE 9.9. Distribution of trigeminal nerve (CN V). A. Cutaneous (sensory) zones are innervated by the three divisions of the trigeminal nerve. B. Each cranial nerve division supplies skin and mucous membranes and sends a branch to the dura of the anterior and middle cranial fossae. Each division is associated with one or two parasympathetic ganglia and delivers the postsynaptic parasympathetic fibers from that ganglion: CN V₁ for the ciliary ganglion, CN V₂ for the pterygopalatine ganglion, and CN V₃ for the submandibular and otic ganglia. C. This open-book view shows the innervation of the lateral wall and septum of the nasal cavity and palate. CN V₁ supplies the anterosuperior portions of the cavity, and CN V₂, the posteroinferior portions and the pa-