**FACIAL NERVE (VII).** Nerve arising from the second pharyngeal arch. It emerges from the brain at the pontocerebellar angle between the pons and inferior olive and passes with the vestibulocochlear nerve to the petrous part of the temporal bone, which it exits via the stylomastoid foramen. It supplies the muscles of facial expression.

**Geniculate ganglion.** Equivalent of a spinal ganglion located at the geniculum of the facial nerve in the petrous part of the temporal bone. It contains pseudounipolar ganglion cells that form the chorda tympani.

**Intermediate nerve.** Nonmotor portion of the facial nerve. It emerges from the brainstem between the facial and vestibulocochlear nerves and conveys autonomic and taste fibers. After various anastomoses, it merges with the facial nerve in the petrous part of the temporal bone.

**Chorda tympani; Parasympathetic root of submandibular ganglion.** Parasympathetic fibers of the chorda tympani that travel to the submandibular ganglion.

**Greater petrosal nerve; Parasympathetic root of pterygopalatine ganglion.** Nerve leaving CN VII at the geniculate ganglion as a bundle of parasympathetic fibers. It reaches the anterior surface of the petrous pyramid, passes through the foramen lacerum, and travels with the deep petrosal nerve in the pterygoid canal to the pterygopalatine ganglion.

**Sympathetic root; Deep petrosal nerve.** Sympathetic fibers from the internal carotid plexus. They unite with the greater petrosal nerve to form the nerve of the pterygoid canal.

**Nerve of pterygoid canal.** Nerve lying in the pterygoid canal situated in the root of the pterygoid process. It contains parasympathetic and sympathetic fibers and passes to the pterygopalatine ganglion.

**Sympathetic root of submandibular ganglion.** Sympathetic fibers from the internal carotid plexus. They pass to the submandibular ganglion via the facial artery and do not synapse.

**Communicating branch with tympanic plexus.**

**Communicating branch with vagus nerve.** Communicating branch located immediately beneath the stylomastoid foramen.