Cranial Nerve V₃ Mandibular Nerve

Meningeal branch (nervus spinosus)

Auriculotemporal nerve

Nerves to temporalis

Masseteric nerve

Nerves to medial and lateral pterygoid

Buccal nerve

Parotid branch of auriculotemporal nerve

Medial pterygoid

Nerve to mylohyoid

Lingual nerve

Inferior alveolar nerve

Masseter (cut)

Mental nerve

Incisive nerve

Inferior dental nerves
Head and Neck Anatomy: Part III – Cranial Nerves (ce598)
Appendix K

Facial Nerve CN VII (from cranium)
- Greater petrosal nerve
- Deep petrosal nerve
- Lacrimal nerve
- Lacrimal gland
- Communicating branch
- Zygomatic nerve
- Nerve of pterygoid canal
- Pterygopalatine ganglion
- Sublingual gland
- Submandibular ganglion
- Submandibular gland
- Geniculate ganglion
- Nerve to stapedius
- Facial nerve (to face)
- Chorda tympani
- Lingual nerve (branch of V3)

Main trunk of the facial nerve
- Temporal branch
- Zygomatic branch
- Buccal branch
- Marginal mandibular branch
- Cervical branch
- Posterior auricular branch
Right Vagus Nerve (CN X)

- Pharyngeal branch of vagus nerve
- Superior laryngeal nerve
- Sinus nerve
- Laryngeal nerve, Internal
- Laryngeal nerve, External
- Superior cervical cardiac branch
- Right recurrent laryngeal nerve

Left vagus nerve (CN X)

- Left recurrent laryngeal nerve

- Inferior cervical cardiac branches
- Cardiac plexus
- Pulmonary plexus

Esophageal plexus

Anterior vagal trunk

Posterior vagal trunk

Liver

Spleen

Pancreas

Right kidney

Right colic (hepatic) flexure

Left colic (splenic) flexure of large intestine

Small intestine

Branches of cardiac plexus

Anterior branches of gastric nerves