

Sensory Innervation of the Oral Cavity

Nerve	Origin	Supplies the Following Areas
Lingual	Mandibular nerve (V3)	General sensation of anterior 2/3 of the tongue, lingual gingiva of lower arch
Chorda tympani	Facial nerve (VII)	Taste sensation of anterior 2/3 of the tongue (except for the vallate papillae)
Glossopharyngeal		General and taste sensation of the posterior 1/3 of the tongue (including the vallate papillae)
Vagus		Taste sensation of the base of the tongue and epiglottis
Inferior alveolar nerve	Mandibular nerve (V3)	Lower premolar and molar teeth and lingual surfaces in the molar region
Incisive	Inferior alveolar nerve	Lower anterior teeth
Mental	Inferior alveolar nerve	Anterior aspects of the chin and lower lip as well as the buccal gingivae of the mandibular anterior teeth and premolars
Buccal	Mandibular nerve (V3)	Buccal surfaces in the molar region
Posterior superior alveolar	Maxillary nerve (V2)	Upper molar teeth (except for the mesiobuccal root of the first molar) and buccal surfaces in the molar region
Middle superior alveolar	Maxillary nerve (V2)	Upper premolar teeth, mesiobuccal root of upper first molar and buccal surfaces in upper premolar region
Anterior superior alveolar	Maxillary nerve (V2)	Upper anterior teeth and buccal surfaces in upper anterior teeth
Greater palatine	Pterygopalatine ganglion	Palatal side of upper teeth (except in incisal area)
Nasopalatine	Pterygopalatine ganglion	Palatal side of upper anterior teeth (incisal area)
Infraorbital	Maxillary nerve (V2)	Upper lip