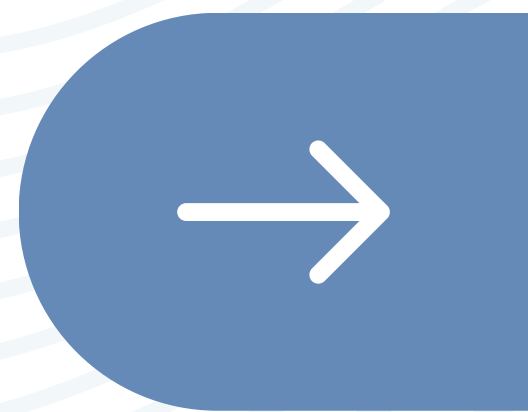


# #DIBS BY NEXTILLO

DAILY INFORMATION BULLETIN SERVICE

**SENSORY INNERVATION  
OF TONGUE**





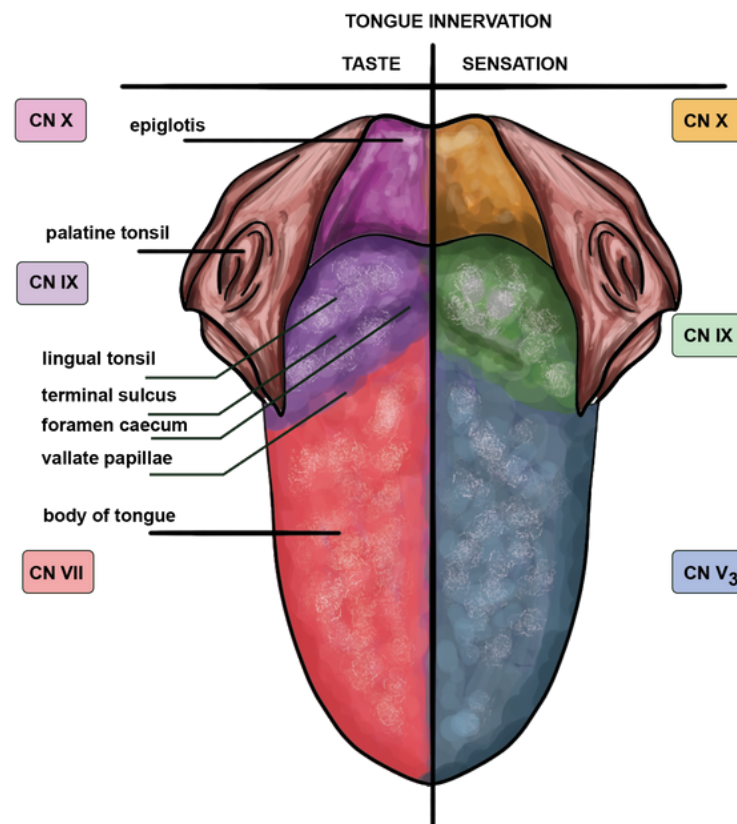
# #DIBSBYNEXTILLO

DAILY INFORMATION BULLETIN SERVICE

## SENSORY INNERVATION OF TONGUE

*General sensory innervation of the tongue is enabled by the lingual nerve (a branch of the mandibular nerve CN V3) and glossopharyngeal nerve (CN IX), where the former innervates the anterior two-thirds of the tongue, while the latter supplies the posterior one-third of the tongue.*

# IMAGE DESCRIPTION



- **The image illustrates the tongue's sensory innervation.**
- **Lingual nerve (CN V) involved in general sensory functions for the anterior two-thirds.**
- **Chorda tympani (CN VII) responsible for special sensory perception and taste.**
- **Glossopharyngeal nerve (CN IX) governs sensory feedback in posterior one-third.**
- **Internal laryngeal nerve (CN X) contributes to sensory integration in tongue.**
- **Chorda tympani and CN IX crucial for taste sensation across the tongue.**



# ANTERIOR 2/3RDS SENSORY INNERVATION

- ***General sensory input by Lingual nerve (CN V).***
- ***Special sensory perception via Chorda tympani (CN VII).***
- ***Chorda tympani serves taste sensation.***
- ***Glossopharyngeal nerve (CN IX) contributes to general sensory perception.***
- ***Chorda tympani and CN IX cover the anterior two-thirds of the tongue.***



# POSTERIOR 1/3RD SENSORY INNERVATION

- ***General sensory information processed by Glossopharyngeal nerve (CN IX).***
- ***Specifically involves the posterior most areas like valleculae and epiglottis.***
- ***Internal laryngeal nerve (CN X) shares innervation responsibility.***
- ***Glossopharyngeal nerve (CN IX) governs sensory feedback in the posterior third.***
- ***Critical for taste and general sensory functions.***



# **INTERNAL LARYNGEAL NERVE (CN X) IN TONGUE SENSORY INNERVATION**

- ***Contributes to general sensory feedback in the tongue.***
- ***Specifically involved in the posterior regions.***
- ***Associated with valleculae, epiglottis, and internal laryngeal areas.***
- ***Shared sensory input with Glossopharyngeal nerve (CN IX).***
- ***Important for sensory information for internal laryngeal functions.***



# SENSORY INNERVATION OF TONGUE

**Question:**

***Which nerve is responsible for the general sensory functions of the anterior two-thirds of the tongue?***

- A) Glossopharyngeal nerve (CN IX)
- B) Lingual nerve (CN V)
- C) Chorda tympani (CN VII)
- D) Internal laryngeal nerve (CN X)

**Answer: B) Lingual nerve (CN V)**