

1. During the test, the doctor placed sugar on the tip of the patient's tongue, and he couldn't taste it. Which nerve is the problem?

Defect in facial N :

The nerve responsible for taste sensation on the anterior two-thirds of the tongue is the chorda tympani branch of the facial nerve (CN VII)

2. A patient ate ice cream but did not sense its taste or coldness. Which nerve is malfunctioning?

Loss of taste on the anterior two-thirds of the tongue involves the facial nerve (CN VII)

Loss of temperature sensation involves the trigeminal nerve (CN V).**

3. Someone has blisters on their tongue. Which nerve defect would you suspect?

The nerve defect suspected in this case is the lingual nerve a branch of the mandibular division of the trigeminal nerve)

4. During a test, a patient was asked to protrude their tongue, and it deviated to the right side. Which muscle is weak, or which nerve is impaired?

Deviation to the right indicates weakness in the right genioglossus muscle, innervated by the hypoglossal nerve (CN)