

What is ankyloglossia ?

AG (more commonly called (“tie tongue”) is a congenital anomaly characterized by an abnormally short lingual frenum, which may restrict tongue tip mobility . (1)



Classification :

CLASS I Mild ankyloglossia=12-16 mm

CLASS II Moderate ankyloglossia=8-11 mm

CLASS III Severe ankyloglossia=3-7 mm

CLASS IV Complete ankyloglossia=<3 mm

Diagnosis :



Treatment :

- Physicians may often delay recommending treatment of a short lingual attachment unless there are obvious speech or nursing difficulties .
- Treatment options such as frenotomy, speech therapy .

Sequelae :

- ★ Malocclusions .
- ★ Speech disorders .
- ★ Lower incisor deformity .
- ★ Eating difficulties .
- ★ Breastfeeding difficulties & nipple pain . (2)
- ★ Gingival recession .
- ★ Prognathism .



Conclusion :

Congenital disease range from mild to severe form which can affect speech and nursing .

References :

- 1- American Academy of Pediatric Dentistry. Guideline on infant oral health care. Pediatr Dent 2002(7);24:47.
- 2- . Kotlow LA. Ankyloglossia (tongue-tie): A diagnostic and treatment quandary. Quintessence Int 1999