



ligament

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Contents

- Introduction
- Development of PDL
- Functions of PDL
- Cells of PDL
- Fibers of PDL
- Blood supply
- Nerve supply
- Clinical Consideration



Periodontal Ligament

PDL is the soft specialized connective tissue situated between cementum and alveolar bone proper



THICKNESS:

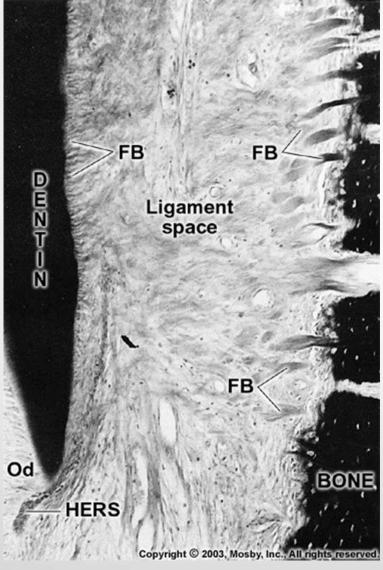
The thickness of the periodontal ligament ranges from 0.15mm to 0.38mm with the average being around 0.21mm.

The space where the ligament is present is called periodontal ligament space.

FACTORS AFFECTING THICKNESS:

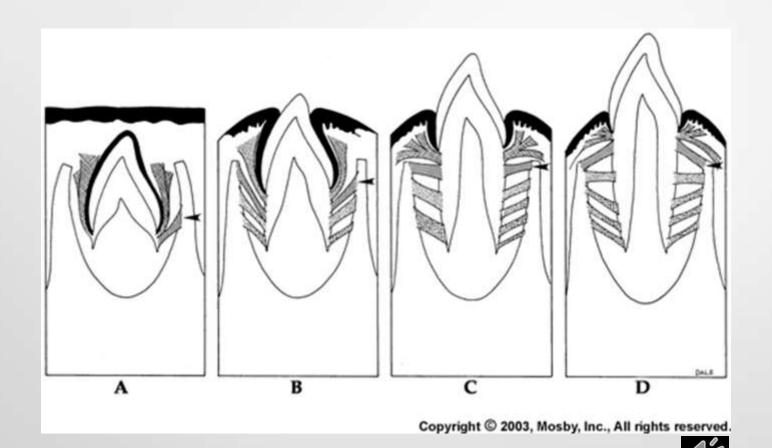
- 1. Age-:as age increases there is decrease in thickness
- 2. Region of presence It is thinnest at the mid root and the apical
 - Occlusal load-: periodontal space is more in molars due to higher occlusal load on these tee

Embryogenesis



The PDL forms from the dental follicle shortly after root december 15, 2021





Wednesday, December 15, 2021

Functions of PDL

- Supportive
- 2. Sensory
- 3. Nutritive
- 4. Formative & remodeling
- 5. Proprioceptive



References

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- Orban's oral histology and embryology 12th edition by G S Kumar
- Atlas of Oral Histology & Embryology
- Oral Histology & Embryology by James K Avery

Thought for the Day

