

## Department of Periodontology

### Study Material Weblinks

Sr.No.	Name of Document	Weblink of Content
1]	Weblinks to the Contents delivered by the faculty hosted in the HEI's Website	<a href="https://www.youtube.com/channel/UCY6YvQ1k6UJhUPAdmTTbnHA/videos">https://www.youtube.com/channel/UCY6YvQ1k6UJhUPAdmTTbnHA/videos</a>
2]	Department of Periodontics <ul style="list-style-type: none"> <li>● Demonstration Video</li> <li>● Supragingival Instruments</li> <li>● Subgingival Instruments</li> <li>● Patient Positioning</li> <li>● Etc.</li> </ul>	<a href="https://www.youtube.com/channel/UCY6YvQ1k6UJhUPAdmTTbnHA/videos">https://www.youtube.com/channel/UCY6YvQ1k6UJhUPAdmTTbnHA/videos</a>  <a href="#">(36) Subgingival Instrument - YouTube</a>  <a href="#">(36) Supragingival Set Instrument - YouTube</a>  <a href="https://youtu.be/oDyjq5DzIIg">https://youtu.be/oDyjq5DzIIg</a>  <a href="https://youtu.be/gAqFN_NTZG0">https://youtu.be/gAqFN_NTZG0</a>  etc.
3.	Other content	
	Amazon Kindle	<a href="#">Periodontal Diagnosis Revisited: A Clinical Manual of Handpicked Cases eBook : Baghele, Om, Bhandari Vishnudas , Ugale Gauri , Bezalwar Khushbu, Male Rohini, Sangle Shrirang , Jadhav Priyanka, Vairagi Madhura , Magdum Kanishka, Math Anusha : Amazon.in: Kindle Store</a>
	Amazon Kindle	<a href="#">Periodontal Indices: Epidemiological, staging &amp; grading, extent &amp; severity, clinical, and treatment planning indices about Periodontitis (Indices in Periodontology Book 1) eBook : Baghele,</a>

		<a href="#">Om , Bhandari, Dr. Vishnu, Ugale, Dr. Gauri , Kathole, Dr. Vrushali, Maiti, Dr. Raghvendra , Aradle, Dr. Mukesh , Bezalwar, Dr. Khushbu, Magdum, Dr. Kanishka , Sangle, Dr. Shreerang, Vairagi , Dr. Madhura : Amazon.in: Kindle Store</a>
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## VIVA CARDS

<b>Maharashtra Institute of Dental Sciences &amp;Research (DENTAL COLLEGE) Latur</b> <b>Department of Periodontology &amp; Implantology</b>	
<b>Topic- Gingiva</b>	<b>Card No.-1</b>
1) Define gingiva. 2) What are the parts of Gingiva? 3) How to detect the width of attached gingiva? 4) How to detect stippling? 5) Name the factors which determine colour of gingiva.	

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<b>Topic-Gingiva</b>	<b>Card No.-2</b>
1) What are the various microscopic layers of gingival epithelium? 2) Name the different types of gingival fibers. 3) Define gingival sulcus. 4) What is the normal sulcus depth? 5) What are the differences between keratinized and non-keratinized epithelium?	

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**Topic- Periodontal Ligament**

**Card No.-1**

- 1) Name the principal fibers of PDL
- 2) What is the shape of periodontal ligament space?
- 3) Which PDL fibers are regenerated after periodontal surgeries?
- 4) Which PDL fibers are absent in immature root?
- 5) What is the normal width of periodontal ligament space?

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**Topic- Periodontal ligament**

**Card No.-2**

- 1) Which principal fibers are present in furcation area?
- 2) What are the functions of PDL.
- 3) Name the cells present in PDL.
- 4) Name the elastin fibers in PDL.
- 5) What are Sharpey fibers?

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**Topic-Cementum**

**Card No.-1**

- 1) Define cementum.
- 2) What are the different types of cementum?
- 3) Types of cemento-enamel junction
- 4) What is hypercementosis?
- 5) What is concrescence?

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**Topic-Cementum**

**Card No.-2**

- 1) What is ankyloses?
- 2) Which is the most common type of CEJ?
- 3) What are the different types of cells present in cementum?
- 4) Difference between cellular and acellular cementum.
- 5) What is the thickness of cementum on the coronal half of the root?

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**Topic- Alveolar bone**

**Card No.-1**

- 1) Name the formative cell of alveolar bone.
- 2) What is alveolar bone proper?
- 3) What is bundle bone?
- 4) What is lamina dura?
- 5) What are the parts of alveolar bone?

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**Topic- Alveolar bone**

**Card No.-2**

- 1) What are the layers of periosteum?
- 2) Name the cellular components of bone.
- 3) What is fenestration.
- 4) What is dehiscence.
- 5) What are the function of osteocyte.

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**Topic-Case history**

**Card No.-1**

- 1) What are the causes of bleeding of gingiva?
- 2) What are the causes of tooth mobility?
- 3) How to measure clinical attachment loss?
- 4) Criteria to determine localized and generalized periodontal disease.
- 5) How to measure probing pocket depth?

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**Topic-Case history**

**Card No.-2**

- 1) Name the different types of frenal attachment.
- 2) Name the various wasting diseases.
- 3) Name the various tests to detect mouth breathing.
- 4) How to palpate the temporomandibular joint?
- 5) What is the significance of past medical history?

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**Topic- Periodontal instruments**

**Card No.-1**

- 1) Name the different types of mouth mirrors.
- 2) Name the different generations of probes.
- 3) Name the different types of supragingival scalers.
- 4) Name the different types of subgingival scalers.
- 5) Which instrument is used with push motion?

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**Topic- Periodontal instruments**

**Card No.-2**

- 1) Name the principles of instrumentation.
- 2) How to check for the sharpness of an instrument.
- 3) Name the different sharpening stones.
- 4) Which instrument is used with two point contact?
- 5) Name the parts of an instrument.

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**Topic- Periodontal pathogens**

**Card No.-1**



- 1) Who has given the different subgingival complexes of periodontal pathogens?
- 2) Name the primary colonizers.
- 3) Name the secondary colonizers.
- 4) Name the red complex micro-organisms.
- 5) Name the orange complex micro-organisms.

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**Topic- Periodontal pathogens**

**Card No.-2**

- 1) Name the yellow complex micro-organisms.
- 2) What is corn cob appearance?
- 3) What is quorum sensing?
- 4) Which complex has the most abundant amount of periodontal pathogens?
- 5) Define plaque.

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**Topic- Calculus**

**Card No.-1**

- 1) Define supragingival calculus.
- 2) Define subgingival calculus.
- 3) Differentiate between supragingival and subgingival calculus.
- 4) What is salivary calculus?
- 5) What is haematological calculus?

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**Topic-Calculus**

**Card No.-2**

- 1) Name the methods of attachment of calculus.
- 2) Name the theories of calculus formation
- 3) Which is the most predominant inorganic component of calculus?
- 4) Name the predisposing factors for calculus deposition.
- 5) Can calculus be detected radiographically?

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**Topic- Plaque control**

**Card No.-1**

- 1) Chlorhexidine gluconate mouthwash is available in which concentrations?
- 2) Which toothbrushing technique is used in gingival recession?
- 3) What is the function of humectant in toothpaste?
- 4) Give ADA specification for toothbrush.
- 5) Which interdental aid is used in type I embrasure?

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**Topic- Plaque control**

**Card No.-2**

- 1) Name the different desensitizing agents.
- 2) Name the anticalculus agent present in toothpaste.
- 3) Name the brushing technique recommended after periodontal surgery.
- 4) Name the colour of stain caused by continuous use of chlorhexidine mouthwash.
- 5) Proxa-brush is recommended in which type of embrasure?

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**Topic- Acute gingival infections**

**Card No.-1**

- 1) Name the etiological bacteria causing ANUG
- 2) Name the mouthwash used for the treatment of ANUG
- 3) Name the clinical signs of NUG.
- 4) Name the drug of choice for the treatment of ANUG.
- 5) Who has given the staging system of necrotizing ulcerative diseases.

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**Topic- Acute gingival infections**

**Card No.-2**

- 1) Name the staging system of necrotizing ulcerative diseases.
- 2) What is pericoronitis?
- 3) What is the etiological agent causing primary herpetic gingivostomatitis
- 4) In which age group primary herpetic gingivostomatitis is most commonly seen?
- 5) Why there is no pocket formation in ANUG?

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**Topic- Abscess**

**Card No.-1**

- 1) Define gingival abscess.
- 2) Define periodontal abscess.
- 3) Define pericoronal abscess.
- 4) Which are the antibiotics prescribed for the adjunctive treatment of periodontal abscess?
- 5) Name the etiological agents of gingival abscess.

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**Topic- Abscess**

**Card No.-2**

- 1) Difference between gingival and periodontal abscess.
- 2) Difference between periodontal and periapical abscess.
- 3) How to diagnose periodontal abscess?
- 4) Classify endo perio lesions.
- 5) What is the treatment plan for acute periodontal abscess?

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**Topic- Periodontal Pocket**

**Card No.-1**

- 1) Define periodontal pocket.
- 2) Classify periodontal pocket.
- 3) Name the first fibers to be destroyed in periodontitis.
- 4) Differentiate between suprabony and infrabony pocket.
- 5) Name the clinical features of periodontal pocket.

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**Topic- Periodontal pocket**

**Card No.-2**

- 1) What are the other names for suprabony pocket?
- 2) Which type of bone loss is present in infrabony pocket?
- 3) Is junctional epithelium viable in periodontal pocket?
- 4) What is the sign+99999 of inflammatory changes in pocket wall?
- 5) In which type of pocket furcation is involved?

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**Topic- Defence mechanism of gingiva**

**Card No.-1**

- 1) Functions of Gingival crevicular fluid.
- 2) Which immunoglobulin is present in gingival crevicular fluid?
- 3) Composition of Gingival crevicular fluid.
- 4) Methods of collection of Gingival crevicular fluid.
- 5) Gingival crevicular fluid is increased in which conditions?

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**Topic- Defence mechanism of gingiva**

**Card No.-2**

- 1) What is the normal amount of Gingival crevicular fluid present?
- 2) Where is Gingival crevicular fluid present in oral cavity?
- 3) Gingival crevicular fluid supplies nutrients to which type of micro-organisms in oral cavity?
- 4) Which bacterial enzyme is present in gingival crevicular fluid?
- 5) Which immunoglobulin is present in saliva?

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**Topic- Gingivitis**

**Card No.-1**

- 1) Stages of gingivitis.
- 2) Name the predominant cells which are present in initial lesions.
- 3) Name the colour changes which are seen in gingivitis patients.
- 4) What is life preserver shape enlargement of marginal gingiva called as?
- 5) What is Stillman's cleft?

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**Topic- Gingivitis**

**Card No.-2**

- 1) Mc Call's festoons are most seen in which teeth?
- 2) What is the other name for plasma cell gingivitis?
- 3) Which are the metals that causes pigmentation of gingiva?
- 4) which systemic conditions causes colour changes in gingiva?
- 5) Which cells are predominantly seen in established lesion of gingivitis?



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**Topic- Gingival enlargement**

**Card No.-1**

- 1) Classify gingival enlargement.
- 2) Drugs causing gingival enlargement.
- 3) What is pregnancy tumour?
- 4) Which are the various conditions causing gingival enlargement?
- 5) Name the systemic diseases causing gingival enlargement.

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**Topic- Gingival enlargement**

**Card No.-2**

- 1) Name the index for gingival enlargement.
- 2) Clinical features of drug induced gingival enlargement.
- 3) What is idiopathic gingival enlargement?
- 4) Diffuse enlargement includes which parts of gingiva?
- 5) What is false gingival enlargement?

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**Topic-Trauma from occlusion**

**Card No.-1**

- 1) Define trauma from occlusion.
- 2) What is primary trauma from occlusion.
- 3) What is secondary trauma from occlusion.
- 4) Most common sign of trauma from occlusion.
- 5) What are the radiological features trauma from occlusion.

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**Topic- Trauma from occlusion.**

**Card No.-2**

- 1) Clinical features of trauma from occlusion.
- 2) Difference between primary and secondary trauma from occlusion.
- 3) What is the type of load on teeth which causes most destruction to the periodontium?
- 4) Most common tooth affected by pathological tooth migration.
- 5) What is the type of bone loss most commonly associated with trauma from occlusion?

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**Topic- Prognosis**

**Card No.-1**

- 1) Define prognosis.
- 2) Classify prognosis.
- 3) What is overall prognosis?
- 4) What is individual prognosis?
- 5) If a 60 year and 25 year old patient has same amount of bone loss which individual has better periodontal prognosis?

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**Topic- Prognosis**

**Card No.-2**

- 1) Enumerate the anatomic factors affecting the prognosis.
- 2) Enumerate the local factors affecting the prognosis.
- 3) Enumerate the systemic factors affecting the prognosis.
- 4) What is the effect of age on prognosis of tooth?
- 5) Does smoking affects the prognosis of tooth?

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**Topic- Treatment plan**

**Card No.-1**

- 1) Root canal treatment is done in which phase of treatment plan?
- 2) Define regeneration.
- 3) Define repair.
- 4) Define new attachment.
- 5) Define re attachment.

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**Topic- Treatment plan**

**Card No.-2**

- 1) Enumerate the different phases of periodontal treatment.
- 2) Which treatment are included in emergency phase?
- 3) Which treatment are included in phase 1?
- 4) Which treatment are included in phase 2?
- 5) Which treatment are included in phase 3?

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**Topic- Mucogingival surgery**

**Card No.-1**

- 1) Describe Sullivan and Atkins classification for gingival recession.
- 2) Describe Miller's classification for gingival recession.
- 3) Describe Glickman's classification for furcation involvement.
- 4) What is the full form of GTR, GBR?
- 5) Who has coined the term mucogingival surgery?

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**Topic- Mucogingival surgery**

**Card No.-2**

- 1) Name the surgical procedures for root coverage.
- 2) What is ostectomy?
- 3) What is osteoplasty?
- 4) Steps involved in respective osseous surgery.
- 5) What is the ideal thickness of free gingival graft obtained from palate?

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**Topic-Halitosis**

**Card No.-1**

- 1) Classify halitosis.
- 2) What are the intraoral causes of halitosis?
- 3) What are the laboratory test to determine halitosis?
- 4) What are the clinical tests to determine halitosis?
- 5) What is organoleptic rating?

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**Topic- Halitosis**

**Card No.-2**

- 1) What is the full form of BANA
- 2) What are the mechanical treatment modalities for halitosis?
- 3) What are the chemical treatment modalities for halitosis?
- 4) Name volatile sulphur compounds.
- 5) Describe Miyazaki tongue coating index.

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**Topic- Periodontal flaps**

**Card No.-1**

- 1) Define periodontal flap surgery
- 2) Indications of periodontal flap surgery
- 3) Classification of periodontal flap surgery
- 4) Contraindications of periodontal flap surgery
- 5) What is the primary objective of periodontal flap surgery?

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**Topic- Periodontal flap**

**Card No.-2**

- 1) What are the different types of horizontal incisions?
- 2) What are the different locations for giving internal bevel incision?
- 3) What is full form ENAP?
- 4) Different types of papilla preservation techniques.
- 5) Steps involved in Modified Widmann flap.

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**Topic- Bone defects**

**Card No.-1**

- 1) Enumerate various types of bone defects.
- 2) Which type of bone is most commonly involved in periodontitis?
- 3) Is bone loss present in gingivitis patients?
- 4) Which radiograph is advised to detect interdental bone loss?
- 5) If interdental bone is apical to interradicular bone, it is which type of bony architecture?



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**Topic- Bony defects**

**Card No.-2**

- 1) What is radius of action?
- 2) Various types of buttressing bone formation.
- 3) What is crater?
- 4) What is ledge?
- 5) Where is horizontal bone loss most commonly seen?

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**Topic- Periodontitis**

**Card No.-1**

- 1) What is the other name for aggressive periodontitis.
- 2) Neutrophil chemotactic effect is seen in which type of periodontitis?
- 3) Clinical features of aggressive periodontitis
- 4) In aggressive periodontitis arc shaped bone loss is seen in which teeth?
- 5) Radiographic features of aggressive periodontitis

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**Topic- Periodontitis**

**Card No.-2**

- 1) Difference between aggressive and chronic periodontitis.
- 2) Which teeth are most commonly involved in aggressive periodontitis?
- 3) Name the specific bacteria present in aggressive periodontitis.
- 4) Non surgical management of periodontitis.
- 5) Rapid progressive juvenile periodontitis is usually seen in which age group?

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**Topic – Sutures**

**Card No.-1**

- 1) Name the different resorbable sutures.
- 2) Name the different non resorbable sutures.
- 3) Name the different natural types of sutures.
- 4) Name the different synthetic types of sutures.
- 5) Name the most commonly used non resorbable suture used in periodontal surgery.

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## Department of Periodontology &amp; Implantology

## Topic- Sutures

**Card No.-2**

- 1) Name the different types of needles depending on curvature.
- 2) Name the different types of needles depending on eye.
- 3) Between 1-0 and 2-0 which suture is more thicker?
- 4) Name the different types of knots used in periodontal surgery.
- 5) Name the different types of suturing techniques.

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## Topic-Local anesthesia

**Card No.-1**

- 1) What is the full form of LA.
- 2) Composition of LA.
- 3) Theories of LA action.
- 4) Role of adrenaline in LA
- 5) What are the different local anesthetic agents

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**Topic- Local anesthesia**

**Card No.-2**

- 1) Role of methyl paraben in LA.
- 2) Complications of LA.
- 3) What is syncope?
- 4) Management of syncope.
- 5) What does 2% LA means?