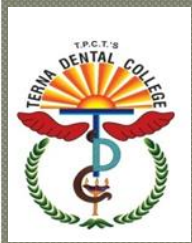


Class I Amalgam 2 of 2

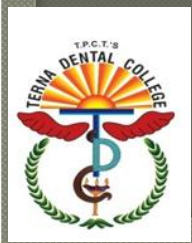




LEARNING OBJECTIVE

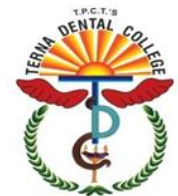


- To learn about the management of variations of a typical Class 1 cavity extension

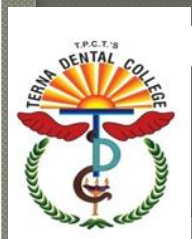




CONTENT

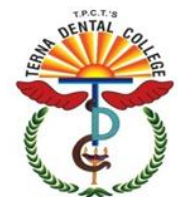


- Final tooth preparation
- Other conservative Class 1 Amalgam preparations
- Extensive Class 1 amalgam preparations
- Class 1 Occluso-lingual amalgam restorations



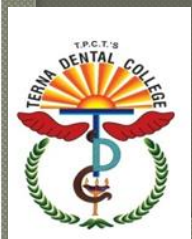


TOPIC DISCUSSION



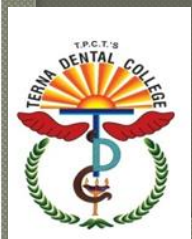
Final Tooth Preparation

- (1) removal of remaining defective enamel and infected dentin on the pulpal floor;
- (2) pulp protection, where indicated;
- (3) procedures for finishing external walls; and
- (4) final procedures of cleaning and inspecting the prepared tooth



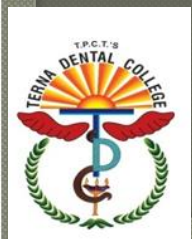
Other Conservative Class I Amalgam Preparations.

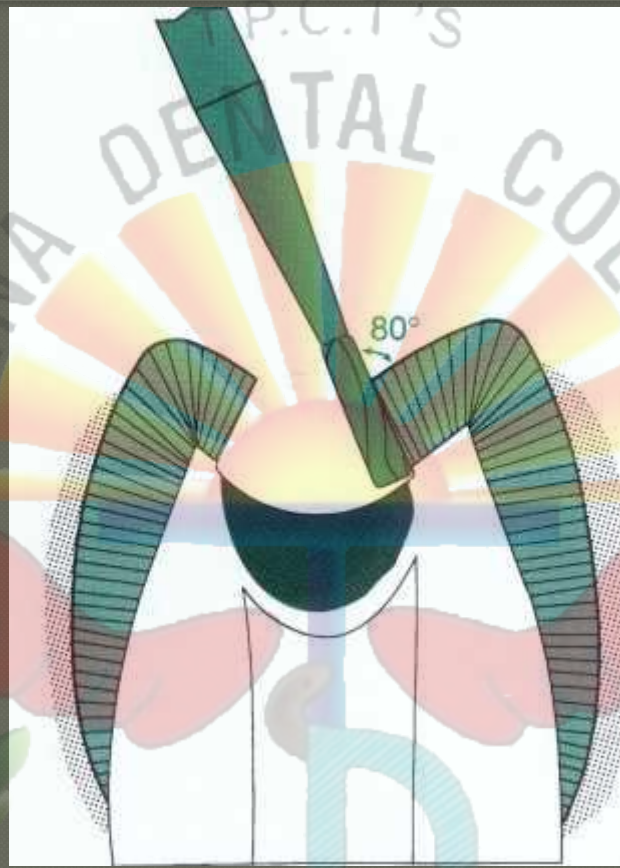
- The facial pit of the mandibular molar
- The lingual pit of the maxillary molar
- The occlusal pits of the mandibular first premolar
- The occlusal pits and fissures of the maxillary first molar
- The occlusal pits and fissures of the mandibular second premolar



T.P.C.T.'S
TERNA DENTAL COLLEGE

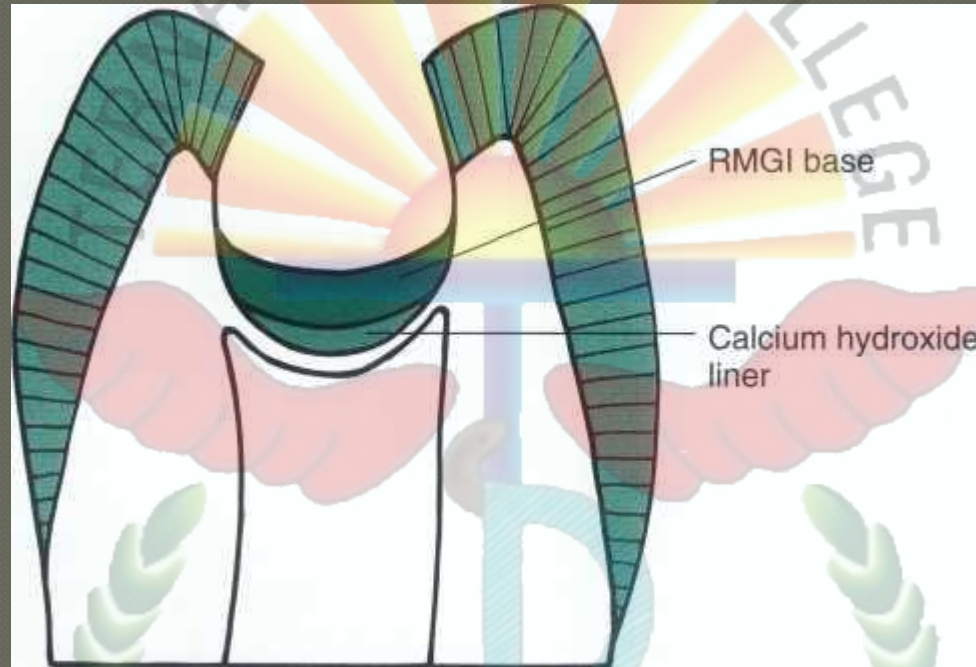
EXTENSIVE CLASS 9 AMALGAM RESTORATIONS





Initial tooth preparation with extensive caries. When extending laterally to remove enamel undermined by caries, alter the bur's long axis to prepare a 90- to 100-degree cavosurface angle. A 100-degree cavosurface angle on the cuspal incline will result in an 80-degree marginal amalgam angle.

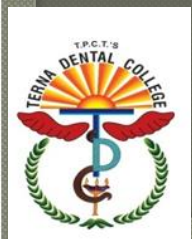




Placement of $\text{Ca}(\text{OH})_2$ liner and RMGI base

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CLASS I OCCLUSOLINGUAL AMALGAM RESTORATIONS

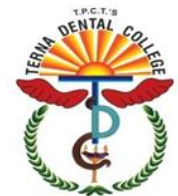




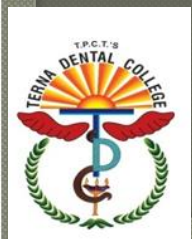
Outline of margins for OL tooth preparation



CONCLUSION

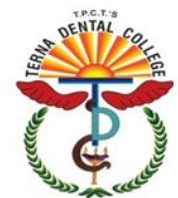


- A sound cavity preparation is the cornerstone of a successful amalgam restoration – and so the importance of this step of cavity preparation cannot be overstated.

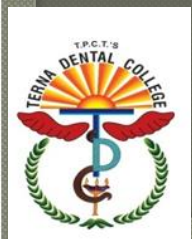




TAKE HOME MESSAGE

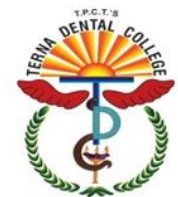


- Clinically the extension of cavity preparations is rarely ideal. Variations are the norm and a good clinician knows how to manage the different variations.

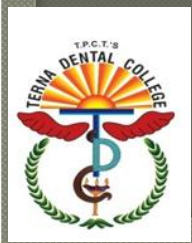


T.P.C.T.'S
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PROBABLE SAQS AND LAQS



- Steps in final cavity preparation - SAQ



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THANK YOU

