

Conservative Dentistry and Endodontics

Definition & scope, +Geographic prevalence in Gujarat.
Oral hygiene in relation to conservative dentistry.
Instruments - Nomenclature design and formulae, care and sterilisation.
Examination diagnosis and treatment planning.
Charting and recording of cases.
Cavities classification and nomenclature.
Choice of filling materials.

Principles of cavity preparation control of pain, prevention of damage to hard and soft tissues during operative procedures.
Methods employed for exclusion of saliva.
Bio-Mechanics of cavity design and restoration with filling materials.
Filling materials. Pulp and soft tissue protection.
Aerotors and high speed equipment.
Cavity preparation for various types of restorations including inlays and onlays restorative procedures.

Matrices.

Drugs used in Conservative Dentistry.
Fractured teeth and their treatment.
Sensitive dentine, its treatment.
Ceramics in conservative Dentistry.

Endodontics :

Rationale of endodontic therapy.
Diagnostic aids in Endodontics.
Care and sterilisation of instruments for endodontics.
Treatment of vital and nonvital pulp.
Tests for sterility of the root canal.
Drugs used in root canal therapy.
Bleaching of teeth.
Restoration of dendodontically treated teeth.
Surgical treatment in endodontics