

Name:-

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Program:-

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Q# 1

Differentiation:-

a) Three quarter Crown:-

Three quarter Crown is a type of (Crown) veneer. Inlay designed primarily as a bridge retainer in which the labial or buccal surface remain unprepared. They are made of always by Cast metal.

b) Metal Ceramic Crown:-

Metal Ceramic Crown are traditional type of crown which are often used in bridge plus crown and bridge cases. They often fitted onto back teeth and are considered strong type of crown.

c) Seven Eighth Crown:-

used in maxillary molars and premolar. It encompasses seven eighths the gingival circumference of the tooth. The seven-eighth crown preparation includes, in addition to the surface covered by the three-quarter crown the distal half of the buccal

Q2 Inlay and onlay Indication and Contraindication.

Indication:-

Inlay and onlay Indicated when teeth are weakened and restore. It also Indicated as direct restoration.

For Example:

Restoration after Root Canal Treatment

- Large restorations
- Endodontically treated teeth
- Teeth at risk for fracture
- Dental Rehabilitation with Cast Metal Alloys
- Diastema Closure and occlusal plane Correction
- Removable prosthodontic abutment.

Contraindication:-

Inlay and onlay are Contraindicated in patient with parafunctional habits. A parafunctional habits refer to the abnormal structure and muscles e.g. the patient who are grinding or clenching their teeth.

- High Caries rate
- Young patients.
- Esthetics
- Small restorations.

Q# 3

Veneer

Definition:

Veneer is layer of tooth which is made of porcelain. Veneers are the layer and cover the labial surface of tooth.

Direct veneer Techniques:

These defect can be restore in one appointment.

Steps:

Cleaning → Shade selection → Isolation → Removal of defect and Tooth preparation depth in 0.5 to 0.75mm
Restoration of cavity ← etching ←
with Composite Resin.

Indirect veneer Techniques:

Two appointment are required.

First Appointment

Shade Selection
↓
Tooth preparation
↓
Impression
↓
Temporary veneer

Second Appointment

↓
Remove Temporary
↓
clinical try in
↓
Cementation

Q4

All Ceramic Crown:-

All Ceramic Crown are cosmetic dental restorations used to cap or completely cover the tooth. All Ceramic Crown are the most naturally looking tooth replacement.

Advantages:-

- Beautiful: They reflect light and look almost exactly like your natural teeth.
- Strong: Covers in pure porcelain.
- Comfortable: because they fit better than metal crowns.

Disadvantages:-

- Less Durable
- No Repair is possible
- Mediocre Appearance

Indication:-

- High esthetic requirement.
- The tooth should be relatively intact ^{intact} with sufficient coronal structure to support the restoration.
- Favorable distribution of the occlusal load.

Composite veneers:-

Composite ~~veneers~~ veneer are direct ^{restorative} in clinic.

procedure:-

The first is Roentgen is used to remove enamel along the parameter of the surface of the tooth.

Remove the labial portion of the tooth. The transmitting are smooth mesiodistally as well as incisocervically. Choose veneer lampllets to use. Give the form of the tooth for before that. Cover the adjacent teeth with TylonTap and used a plastic instrument to rapid around a teeth which are not to be bonded. The tooth surface for about 30 sec.

Apply bonding agent. Sheft the TylonTap slightly after the ^{curing} bonding agents than take the require amount of composite and than take the lampllets and press the lampllets express excess composite using any clean blooded instruments to remove the flash of composite that

exclude the either side of the composite lampllets. The lampllets are rather to remove easily. The next steps is can achieved with discs and strips and give a discs. than start polishing using water and a lot of heavy pressure required. we trying to polish with rubber bonded abrasives, discs etc in clinic.

porcelain

The dentist prepare enamel of the tooth and take the impression of teeth than send the impression to lab to prepare porcelain veneer which take about one to two weeks.