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Name _____ M. Ubaid ulah.

ID _____ 13888

Program _____ (DT)

Department _____ Allied Health Science.

Exam _____ Mid Term.

Paper by _____ Sir! Usman (SB)

Subject _____ Operative Dentistry.

(1)

QN (1)

Ans: →

(a) * Three Quarter Crown: →

- → Three Quarter Crown are covered four fifth of the tooth's surfaces & the buccal surface are remain intact.
- they are retained by grooves on mesial, distal & occlusal surfaces.
- they are always made of cast metal.
- they are also covers the three surface of the crown.

(b) * Metal Ceramic Crown: →

- Metal Ceramic Crown are a traditional type of crown often used in bridge & crown & bridge cases.
- they are often fitted in to back teeth & are considered a strong, robust type of crown but they are less attractive.

(2)

(C) Seven Eight Crown:→

→ it is used in maxillary molars & premolars, & it encompasses seven eight crown the gingival circumference of the tooth.

→ it covers all but mesial buccal cusp of an upper molar tooth.

→ it retains by intrinsic coronal features or adhesive technique.

Q No (2)

Ans:→

Inlay:→

Inlay is defined as the restoration which has been ~~restored~~ constructed out of the tooth from gold, porcelain or other metal & then cemented in to the prepared cavity of the tooth.

Onlay:→ onlay is essentially an inlay that covers one or more cusp & adjoining occlusal surface of the tooth.

(3)

* Indication for Inlay & onlay:

- Tooth difficult to develop retention form.
- endodontically Compromised Tooth.
- Indicated to a patient which have allergy from metal
- large restoration
- Traumatic lesion
- Removable prosthodontic abutment.
- Small to moderate carious lesion.

* Contra Indication:

- parafunctional habit like, clenching of teeth / grinding.
 - patient have heavy occlusal forces
 - Aggressive wear of dentition.
 - High caries rate.
 - Esthetics.
 - Small restoration.
-

(4)

Q No (3)

Ans: →

VENEER: → Dental veneers are also called porcelain veneer or dental porcelain laminates.

→ Dental veneers are wafer thin custom made shell of tooth colored material design to cover the front surface of anterior teeth.

→ These shell are bonded to change the colour, shape, size & length of the anterior teeth.

Indirect veneers Technique: →

Indirect veneer procedure occur in to two appointment.

(1) First appointment: →

(a) Shade Selection: →

→ Clean the teeth with pumice & water

→ Select a tentative shade with your patient participating.

(b) Tooth preparation: →

A uniform 0.5mm enamel reduction is sufficient & incisal edge 0.7mm, labial 1mm.

(5)

Impression: :-

→ Use polysiloxane or polyether material for the impression.

Temporary veneers: :-

→ they are placed when necessary.

(2) 2nd appointment: →

Remove Temporary veneer: :- Care must be taken not to damage area of prepition.

Clinical try in:

→ Contacts need to be carefully
→ proximal contact can be adjust

Direct veneer Technique: →

- Shade of veneer are tried
- basic ~~shade~~ shape is formed with a finishing is diamond bur
- Any existing decay is removed.
- Amalgamation & tooth isolation
- Tooth is roughened by a slight finish line is created.
- Additional polishing & shaping are completed after three days of procedure.
- ~~the~~ Interproximal areas are shaped with abrasive strips.

(6)

Q No (4)

Ans: →

CERAMIC CROWN: →

A Ceramic Crown is that crown which is made by entirely out of a ceramic material such as porcelain as known as Ceramic Crown.

ADVANTAGES OF CERAMIC CROWN:

Beautiful: :-

↳ made of translucent porcelain reflect light & look almost exactly like natural teeth.

Strong: :-

↳ with aluminium oxide ceramic crown core, covered by pure porcelain & they are resistant to breakage.

Comfortable: :-

↳ because they fit better ceramic metal crown & are not temperature sensitive.

Perfect: :-

↳ created from exact specification, all the ceramic crown will fit right the first time with no adjustment needed.

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Disadvantages of Ceramic Crown:-

→ less Durable:-

↳ all ceramic crown can also last for many years but they are less durable as compare to other type of dental crown.

~~No~~

→ ~~No~~ No-repair is possible :-

↳ if the thickness of the all ceramic crown has cracked.

→ moderate.

→ expensive.

→ more tooth reduction.

Indication of Ceramic Crown:-

→ used for high aesthetic demand.
→ under favorable occlusal condition they can also be used to rebuild posterior teeth.

→ specially used for front teeth.

(8)

Q No(s)

Ans:-

Dental veneer:-

→ Dental veneers are custom made shells made from tooth colored material that facilitate covering the front surface of the anterior teeth.

Types of Dental veneer:-

(1) Composite veneer:-

→ Composite veneer can be build up placed directly in the mouth.

→ Composite veneer can be fabricate in a dental lab.

(2) Porcelain veneer:-

→ porcelain veneer ~~can~~ cannot be built in the mouth & fabricated outside & fitted later in the mouth.

Indication of veneer:-

- Esthetically compromised anterior teeth.
- Crooked tooth or poorly shaped.
- Intrinsic or extrinsic stained teeth.
- ~~est~~ closure of diastemas.

(9)

- Tooth wear
- Anatomically malformed teeth
- enamel hypoplasia.
- fractured teeth.

* Contraindication of veneer:

- Crowded or misaligned teeth.
- Habitual clenching & grinding patient.
- patient with periodontal disease
- Teeth with inadequate enamel present.
- Non ideal occlusal
- Teeth weakened by existing large restoration.

* Advantages of porcelain veneer:

- gum tissue tolerate.
- Esthetic stability.
- veneer offer a conservative approach to changing a tooth color & shaped.
- Stain resistant. Durable & stronger.

* Disadvantages of Porcelain Veneer:

- Not repairable.
- Technique for porcelain cure sensitive.
- The process is irreversible.

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- more Costly Compare with Composite veneers.
- Tooth become more sensitive to hot & cold with porcelain veneers
- Not suitable for patient with clenching or grinding habits.

* Advantages of Composite Veneers:-

- ~~Minimal~~ → minimal Irreversible loss of tooth structure.
- Repair potential.
- Chair side control of the contour.
- less expensive.
- Composite veneers procedure complete in one visit.

* Dis Advantages of Composite Veneers:-

- shade matching difficulty.
- Marginal staining.
- often require repair & replacement.
- Tend to discolor.
- wear out quickly.

"E. Mel"