

固定義齒學概論 Introduction to Fixed Prosthodontics

Overview (I) 1.Preparation 2.Retention Aids for Crowns
3.Gingival Retraction 4.Shade Selection

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學習目標

Planning and preparation

Clinical procedures I

Laboratory procedures

Clinical procedures II

Factors related to the choice of and long-term prognosis for prosthetic treatment

1. Patient
 - a. Educational level
 - b. Personal experience
 - c. Degree of cooperation
 - d. Commitment
 - e. Economic resources

Factors related to the choice of and long-term prognosis for prosthetic treatment

2. Prosthodontist
 - a. Educational level
 - b. Skill
 - c. Personal experience
 - d. Commitment
 - e. Economic aspects

I. Shade selection

- Shade guide
- Before the tooth has been prepared
- Be moistened and held to close to the tooth
- Be checked in good light
- Be noted on the patient's chart and laboratory prescription
- Infection control

II. Preparation

- Retention aids for crowns
- Core buildup
- Pin retention
- Post and core
- Shade selection

III. Impressions

- Gingival retraction and tissue management
- Gingival retraction cord
- Epinephrine/aluminum chloride
- Cord packing instrument
- Final impression (master impression) and bite registration

IV. Placement of provisional coverage

- Purposes of provisional coverage(temporary coverage)
- Reduce sensitivity and discomfort in the prepared tooth
- Maintain the function and esthetics of the tooth
- Protect the margins of the preparation
- Prevent shifting of adjacent or opposing teeth

V. Retention aids for crown

- Core buildup: self-curing or light curing composite material, reinforced glass ionomer cement, amalgam restoration
- Pin retention: add strength to the core build-up
- Post and core : endodontic treatment tooth, provide strength and stability

VI. Gingival retraction and tissue management

- Gingival retraction
- Gingival retraction cord
- Epinephrine/aluminum chloride(mineral astringent)
- Cord packing instrument
- Chemical retraction
- Surgical retraction (Electrosurgery): hypertrophied tissue
- Mechanical retraction: modified provisional crown(extends into the sulcus)

Summary

- Inlays and onlays
- Veneers
- Crowns
- Fixed bridges

資料來源

Modern Dental Assisting, DONIL BIRD and DEBBIES.
 ROBINSON, SEVENTH EDITION, Fundamentals of Fixed
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 Herbert T. Shillingburg Jr, DDS
 Sumiya Hobo, DDS, MSD, PhD
 Lowell D. Whitsett, DDS
 Richard Jacobi, DDS
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 Contemporary Fixed Prosthodontics, Third Edition,
 Rosenetiel.Land.Fujimoto