

# 치과 매식학의 보철학적 고찰

모던치과 기공소

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## I . The Temporary Prosthesis

Temporary Prosthesis Permanent prosthesis  
Pontics, margins, esthetics , occlusion, Contours,

1. Temporary prosthesis final prosthesis
2. Temporary Prosthesis Final prosthesis
3. Temporary Prosthesis final prosthesis

Superstructure  
Superstructure가 Implant Components

Plaque control  
, lateral stress  
Implant

## II . Removable Prosthesis 또는 Fixed Prosthesis의 선택

Fixed Removable appliance

1. residual ridge가 removable appliance
2. Psychological acceptability fixed

removable appliance

3. Implant abutments가 fixed type

### A. Removable Prosthesis

Removable prosthesis 3가

- a) Implant superstructure frame
- b) acrylic resin base
- c) replacement teeth

Complete removable Implant denture  
standard Complete denture

complete removable Implant denture  
Soft tissue base support

Implant posts Support  
superstructure base Implant  
frame Impingement가

denture stability, denture structure implant  
interplay가

Implant 가 posts

Removable appliance Implant posts  
denture lateral displacement

vertical displacement  
retention

Removable prosthesis support Implant  
posts high polish , slight indentation

superstructure Metallic interlocking clasp arm  
Superstructure frame denture

base stabilizer

complete arch implant case 가

Group-function occlusion

gin give area force  
concentration , lateral stress

Removable prosthesis base labia support  
buccal or labial dimension

base bulky  
 replacement teeth support base  
 , base ridge flange extension

**B. Fixed prosthesis**  
 fixed superstructure design  
 periodontal prosthesis  
 Implant longterm function  
 , Sound oral physiotherapy

### III. Tooth Alignment – Factors of Occlusion and path of Insertion

Opposing dentition arch  
 Implant posts가 fixed  
 superstructure  
 Superstructure Implant post  
 Implant posts Combination  
 passively  
 Subperiosteal Implant preformed  
 , path of insertion, opposing dentition  
 abutment post  
 , Subperiosteal implant post  
 height  
 path of insertion

### IV. Telescope Cast Coping as Implant modifiers

Subperiosteal blade-vent Implant abutment  
 post re-alignment Implant post  
 superstructure retainer intermediary  
 Cast coping

1. Implant neck blade Implant  
 post realignment  
 2. Path of insertion  
 3. Implant abutments prosthesis  
 Projected occlusal table 가  
 Cast Coping torque  
 , Retainer Occlusal table  
 Implant post Occlusal surface  
 cement bond  
 breakage가

### V. The Margin of the Fixed superstructure Retainer

Implant abutment full crown  
 retainer Margins Supragingival  
 , feather edge knife edge design  
 Margin gingival  
 underexpended overexpended  
 overexpension gingival soft tissue  
 collar irritant soft  
 tissue area material putrefing  
 Superstructure Smooth  
 plaque 가  
 Superstruction retainer contours surrounding  
 gingiva  
 Marginal Placement  
 1. Castsuperstructure retainer Implant post  
 Surface Smooth.  
 2. adjoining cast surface confluence.  
 3.

### VI. The Axial crown Contours of the fixed Superstructure

Overcontoured axial surface Plaque  
 axial crown surface undercontoured  
 undercontoured axial surface a) Implant neck  
 stimulation b) plaque  
 c) tooth brush, dental tape, pipe  
 cleaner 가 plaque

contour occlusal table  
 crown retainer adjoining pontic  
 stress lateral  
 stress Underlying torsion torque 가  
 occlusal level torque 가  
 vertical plane occlusal force  
 retainer tangential force 가  
 occlusal harmony  
 Interproximal Contours wide major  
 embrasure

## VII. Pontic Design

Implant fixed-superstructure prosthesis  
 pontic design 2가 type  
 A. Modified Sanitary Pontic  
 B. Modified Ridge-lap Pontic

### A. Modified Sanitary Pontic

Modified Sanitary Pontic 가  
 design . Modified Sanitary Pontic  
 Gothic arch form design  
 a) Implant frame superstructure  
 impingement , b) Solder joint  
 strength , c) 가  
 pontic area . d) Gothic  
 arch form smooth following  
 parabolic area plaque food debris  
 가  
 Modified Sanitary Pontic blade vent  
 implant subperiosteal implant  
 , ridge-lap pontic design  
 subperiosteal implant L  
 implant frame pontic base  
 가  
 design pontic area

soft debris . ridge lap pontic  
 soft tissue  
 가 adjacent implant struts

### B. Modified Ridge-lap Pontic

B. Modified Ridge-lap Pontic  
 . pontic gingival base  
 labial aspect , lingual aspect  
 . pontic base  
 gingival surface lingual  
 surface axial crown contour S-Shaped  
 design soft tissue  
 impingement , dental floss silk  
 .  
 pontic design material bulk  
 , surrounding soft tissue  
 Impingement , 가

## VIII. The Re Sete' Pins

pin upper-arch fixed prosthesis 가  
 가 .  
 Overbite terminal implant  
 abutment post superstructure retainer Re  
 Sete ' pin , 2 pins  
 가 . a) Implant post가  
 5. , b) Implant post가  
 Sandblasting finish c) Crown retainer가  
 d) Superstructure frame  
 Combined implant posts single unit  
 passively Re Sete pin  
 permanent cement 가 .  
 Re Sete pin fixed prosthesis  
 perio  
 Cementation Re Sete Pin non-  
 permanent cement가 set Screw

## IX. General Crown & Bridge Procedures

Model, Die, working  
 Wax-up, periodontal prosthesis  
 individual units 1  
 individual unit 1)  
 2) marginal  
 placement 3) single units  
 Pontic relationship  
 units가 solder overall  
 index Solder  
 Cast frame Acrylic resin  
 porcelain veneering  
 warpage distortion seating  
 가 occlusal vertical dimension  
 centric position  
 porcelain occlusion final glaze  
 bisquit bake stage 1

## X. 결론

가  
 Crown & bridge  
 Implant 成功 Support  
 Superstructure fabrication design 依存도가  
 特別 Implant proceduress  
 Dental Implant fixed prosthodontics  
 Implant fixed prosthesis  
 removable prosthesis가  
 fixed removable prosthodontics science가 가  
 Implantation  
 case Site Selection, fixed  
 prosthesis 가 fixed  
 prosthodontic  
 removable prosthesis  
 fixed 가  
 functional stability,  
 stomatognathic system comfort  
 System fixed appliance  
 가 Dental Implant fixed prosthesis  
 removable appliance 가  
 physical & psychological stress가