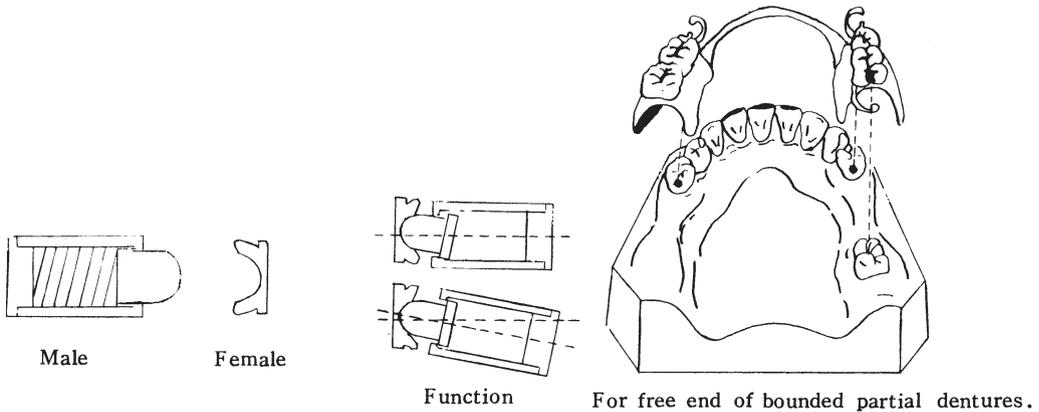


# I.C attachment 사용법에 대하여

## Utilization of the I.C attachment

### 1. Classification

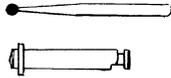
hinge freedom vertical resilience      spring      Intra  
 coronal attachment



ORDER NUMBER	SCALE 1 : 1	MALE LENGTH (mm)	MALE $\phi$ (mm)	PLUNGER LENGTH (mm)	FEMALE $\phi$ (mm)	FEMALE DEPTH (mm)
102.06.2 Anterior (Small)		5.2	2.0	1.0	2.0	.8
102.06.3 Anterior (Extra Long Plunger)		5.7	2.0	1.5	2.0	.8
102.06.6 Female Only (Anterior)					2.0	.8
102.07.2 Posterior (Medium)		6.2	2.5	1.25	2.5	.85
102.07.3 Posterior (Extra Long Plunger)		6.7	2.5	1.75	2.5	.85
102.07.6 Female Only (Posterior)					2.5	.85

**Tools**

102.06.5



Anterior Bur Set : #5 round diamond and anterior self-limiting bur.

102.07.5



Posterior Bur Set : #5 round diamond and posterior self-limiting bur.

102.06.7



Specula Special IC contra-angle.

**2. Indications(적응증)**

1. clasp가 (buccal )).
2. Overdenture
3. Telescopic retentive element
4. Removable periodontal splints

female contour < a 1mm anterior attachment가 >

b. abutment < > proximal contour < > b tooth tilt > pronounced height of contour undercut

1. long I.C attachment (# 102.06.3, # 102.07.3).

**3. Features(특징)**

1. crown preparation 가
2. 가
3. hinge freedom vertical resilience

case female plunger 2. long I.C attachment abutment tooth

**5. FABRICATION PROCEDURE (제작순서)**

Tooth preparation

1. study model path of insertion < > < 1 >

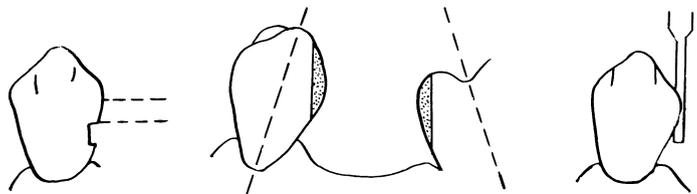
**4. Selecting the proper I.C attachment**

- 1) I.C attachment

retention

- 2) I.C attachment

a. abutment height ( vertical )



2. female abutment tooth long axis  
 ridge < 2>  
 surveyline 1mm < 3>  
 3. < 4> undercut  
 longer I.C attachment abutment  
 tooth proximal surface  
 가 .  
 4. female  
 female lingual  
 < 5>  
 5. No.5 round bur preparation< 6>  
 6. self limiting bur  
 preparation< 7>  
 7. small inverted cone bur  
 cementation undercut <  
 8>

**CEMENTATION**

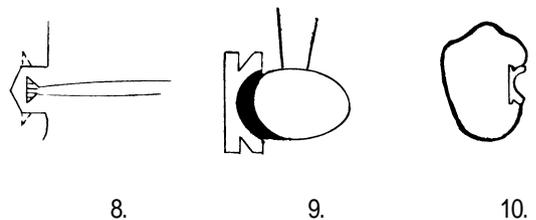
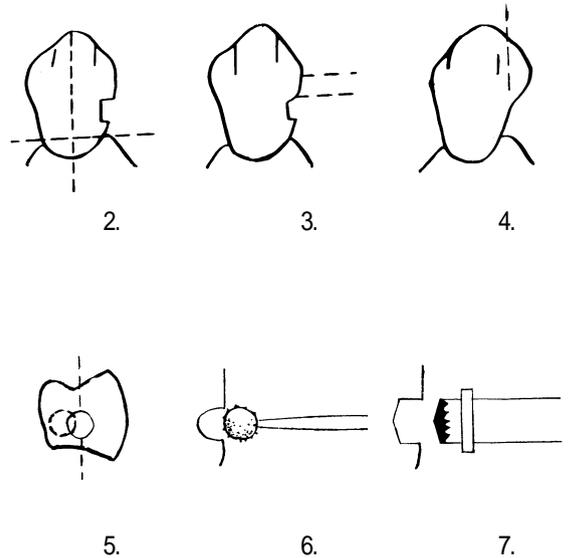
8. female polycarboxylate cement resin  
 cement . polycarboxylate cement  
 . I.C alloy  
 zinc oxyphosphates Z.O.E.C  
 9. I.C female cementation  
 gutta percha 가 female  
 female  
 warmed ball burnisher 가 preparation  
 female ( )  
 9).  
 10. cement set mylar strip  
 female  
 11. female tooth contour  
 metal extension  
 ( 10).

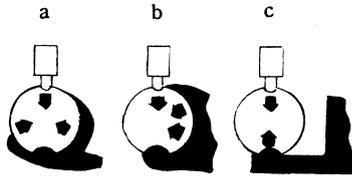
**NOTE**

female cast crown cement  
 female wax pattern  
 the sizing bur inverted bur  
 casting female  
 cementation 8~11 step  
 crown female cement .

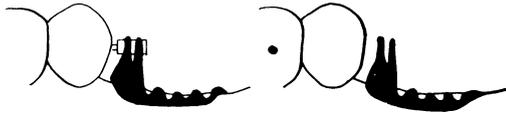
**PARTIAL DENTURE FABRICATION**

12. master model  
 female part impression  
 material impression .  
 <alginate . rubber base >  
 Impression tray가 seating excess  
 material . model  
 female .  
 technique refractory model  
 .  
 13. I. C attachment facial clasp  
 . retention attachment  
 free end saddle  
 (abutment teeth) 180.  
 lingual clasp  
 . ( 11)  
 Caution; 3 basic design plunger





11.



12.

14. partial denture framework male solder  
 male resin  
 partial denture  
 < 12 > framework male

male  
 framework

15. < 12 > framework design

a. master model prepare

b. master model female male

plunger  
 (plunger 가

). male

sticky wax sticky wax

plunger area blockout (

13) male cylinder blockout

refractory model

impression

c. refractory model model  
 framework



13.

waxing up

d. framework casting

polishing

e. master model finish framework

f. passive portion male the

plunger block out self curing

acrylic resin framework male

male acrylic resin

female male

g. resin set up

h. male plunger block out

<A.P.M stern-gold rubber sep>

i.

16. strut loops

a. frame work male  
 gingival area

frame work construction

waxing up

b. frame casting

c. master model frame work

female passively engaging

plunger male female

no compression of

the plunger

sticky wax

plunger area block out

d. Self-curing acrylic frame male

maleenl acrylic

resin void가

void female male

가

e. 가 setting

f. male plunger block out (A.P.M  
 stern-gold rubber sep).

g.