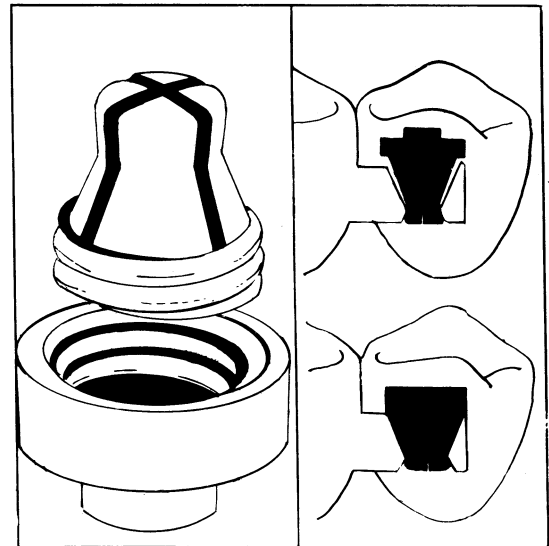


CEKA attachment에 대하여

대전보건전문대학 치기공과 강사

1. 서론

가 Attachment Ceka
 attachment denture
 Ceka attachment
 , denture stability 가
 Ceka attachment stud-type bar-
 type , ,



1.

2.

2. 본론

A. 구성

male section female section

- 1) Male section< 1>
 - a. Removable Prosthesis
 - b. base ring male
spring base ring
male spring screw
 - c. male female section
rotational movement vertical play
type male female section
rigid joint type
- 2) Female section< 2>
 - a. circular female with bar type unit
 - b. female unit denture base

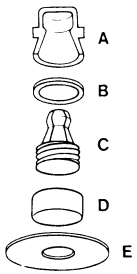
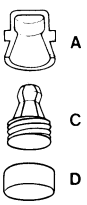
B. 종류

- 1) Ceka Stress-director unit(Stud Type)
partial denture or full denture (3).
- 2) Ceka Rigid and Unit(Stud Type)(4)
fixed and removable bridge work
Connected to milled stabilizing bars with
or without
telescopic crowns
all Rigid Prostheses
- 3) Ceka Stress-director unit (Bar Type)
bounded saddles
bilateral free-end saddles
Combined bounded and free-end saddles
(5)

4) Ceka Rigid Unit(Bar Type)(6)
 bounded saddles
 double free-end saddles

Combined bounded and free-end saddles

3.

INDICATIONS	SUPPLY FORM	COMPOSITION	ALLOY	ORDER NUMBER COMPLETE ANCHOR	ORDER NUMBER INDIVIDUAL PARTS	PRICE INDIVIDUAL PARTS	PRICE COMPLETE ANCHOR
stress-director Used on top of diaphragms for partial and full dentures Male pin is replaceable.		A. Female B. Space maintainer C. male pin D. base ring E. special space maintainer	Pallax 1 Au-Ag-Pd	CEKA 691	691 A		
					691 B		
					691 C		
					691 D		
					691 E		
			Orax 1 Au-Pt	CEKA 692	692 A		
					692 B		
					692 C		
					692 D		
					692 E		
			Ceramax 1 1300° C co-cast alloy	CEKA 693	693 A ^{cc}		
					693 B		
					693 C		
					693 D ^{cc}		
					693 E		
rigid For fixed and removable bridge-work, connected to milled stabilizing bars with or without telescopic crowns. For all rigid prostheses Male pin is replaceable.		A. female C. male pin D. base ring	Pallax 1 Au-Ag-Pd	CEKA 721	721 A		
					721 C		
					721 D		
			Orax 1 Au-Pt	CEKA 722	722 A		
					722 C		
					722 D		
			Ceramax 1 1300° C co-cast alloy	CEKA 723	723 A ^{cc}		
					723 C		
					723 D ^{cc}		
For anchors Nos. 693 - 723 the base ring (D) and retention cap A are made of Ceramax 1 alloy. The male-pins (C) are made of Pallax 1 alloy							

4.

C. Indication

1. complete overlay full denture
2. partial denture
3. fixed and removable bridge.
4. Telescopic crown

c. rigid removable bridge

d. stabilizing bar unit partial denture

e. space bar 가

f. base ring size shape가
 stress director rigid male pin

D. 장단점

- 1)
 - a. retention
 - b. stress-director units vertical and hinge movement 가

- g.
- h.
- i. Alveolar ridge

5.

stress-director										
INDICATIONS	SUPPLY FORM	COMPOSITION	ALLOY	ORDER NUMBER COMPLETE ANCHOR	ORDER NUMBER INDIVIDUAL PARTS	PRICE INDIVIDUAL PARTS	PRICE COMPLETE ANCHOR			
For bounded saddles. Bilateral free end saddles combined bounded and free-end saddles. male pin is replaceable		A. 2 retention nuts B. 2 space maintainers C. 2 male pins D. bar with 2 females F. 2 acrylic rings	Pallax 1 Au-Ag-Pd	CEKA 334	334 A					
					334 D					
					334 C					
						Orax 1 Au-Pt	CEKA 335	335 A		
								335 D		
								335 C		
								335 F		
								336 A		
								336 D		
								336 C		
								336 F		
rigid										
For the CEKA-Anchors Nos. 336 and 446 the bar D is made of Ceramax 1 alloy The male-pin is made of Pallax 1 alloy			All resilient CEKA-Anchors made of Ceramax 1 alloy are marked red. All rigid CEKA-Anchors made of Ceramax 1 alloy are marked blue.							

6.

2)

- a. bar type bar space가 pro-prioceptors가
- b. denture base가 bar c. ridge 가 denture base
- c. . . .
- d. 가 . . d. over-eruption root crown

E. 제작상 필요한 기구(그림 7)

F. 잔존치근을 이용한 complete overlay full denture

2)

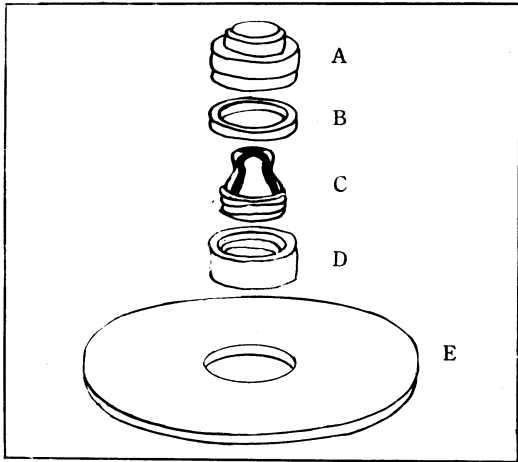
- a. gingival margin

1)

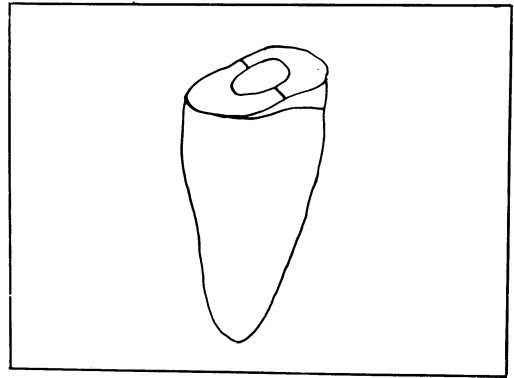
- a. root 가 , space . gingival margin relief
- b. . . . b. stable

3)

a. (10) Ceka stress-director unit(stud type)

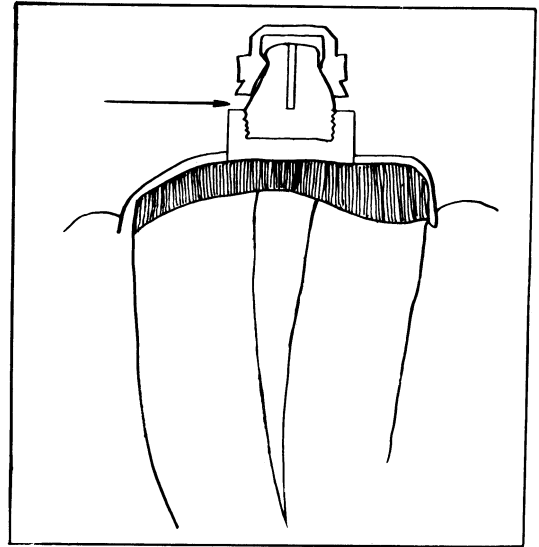


- 10. A. Retention Cap
- B. Space Maintainer
- C. Spring Pin
- D. Base Ring
- E. Spacial Space Maintainer



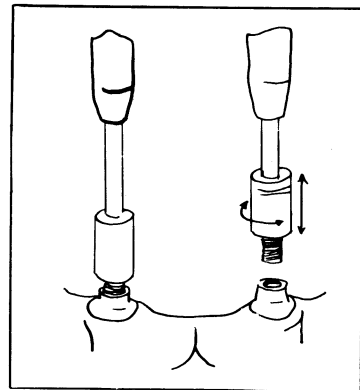
11.

b. (11) canal 가
 (12) post-cap
 가 gingival margin post-cap



12.

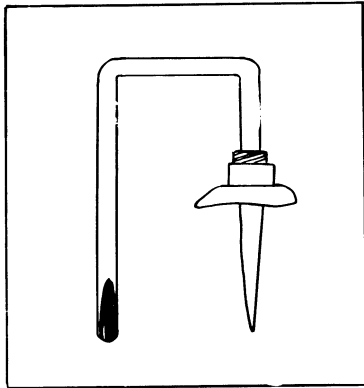
c. (13) P4 Parallel mandrel
 (Ceka stud attachment parallel mandrel)
 Ceka attachment attachment
 Gingival undercut



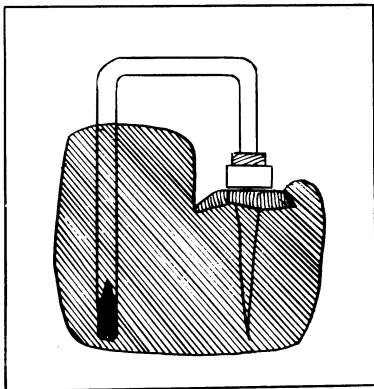
13.

d. (13) Ceka attachment base ring P4 Parallel mandrel
 Gold post-cap
 sticky wax
 self cure resin spot-welding
 male part base ring
 (13) P4 Parallel mandrel

e. (14) H4 soldering assessor
 (for post cap) screw
 post-cap Ceka stud attachment
 male part base ring
 (15)



14.



15.

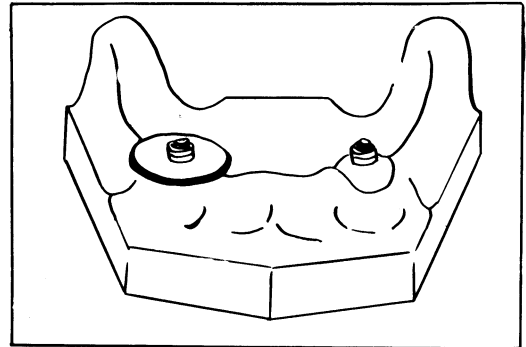
f. male pin A1 key and adjusting tool
 H5 laboratory screw-driver
 base ring replacing

g. (16) post-cap
 Vertical Hinge Movement
 space maintainer

female

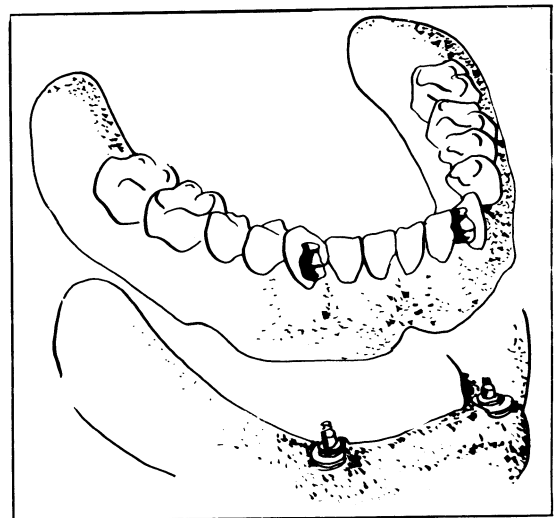
h. metal
 frame

i. 가



16.

j. (17) overlay full denture



17.

G. Ceka extra coronal attachment를 이
 용한 국부의치 제작법

1) Indication

- a. (26,27)
- b. Combined unilateral free end +bounded saddle (28)
- c. Tooth borne type class case(29, 30)

2) Distal extension prosthesis Ceka attachment

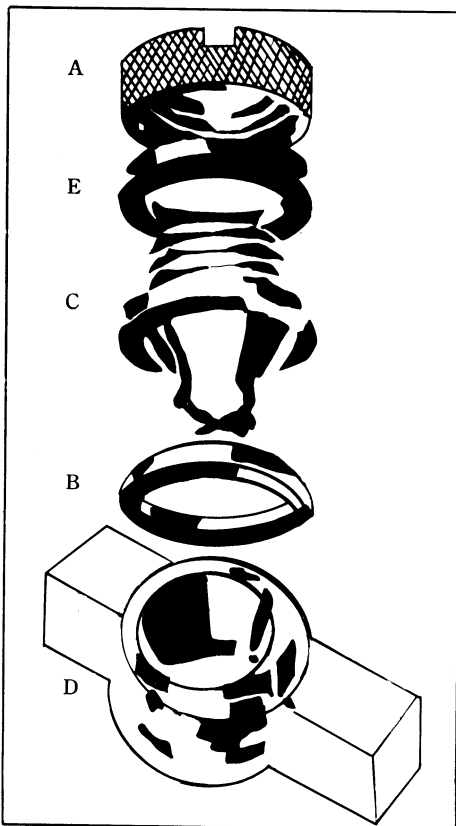
resilient male ceka attachment Vertical and hinge action 가

female section male section
metal spacer spacer
crown movement가 가

Baserk

metal frame

crown

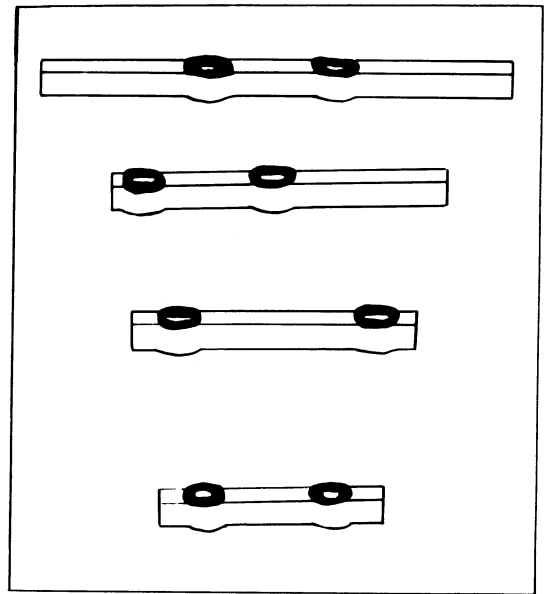


- 18. A. Retention nuts
- B. Space maintainers
- C. Male Pins
- D. Bar with females
- E. Acrylic rings

3)

가)

a. (18)
extra coronal unit



19.

b. (19) bar female part

c. Ceka female part
metal bar circular female
solder plastic bar
Metal circular female
crown

d. (20) female part P2/5
mandrel
sticky wax Self cure resin spot
welding

e. working model reposition Ceka
duplicating dummy b1 female part

f. (22) Ceka anchor
block out

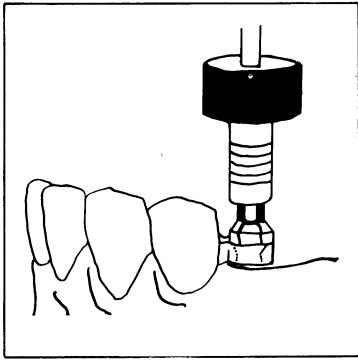
frame

(23).

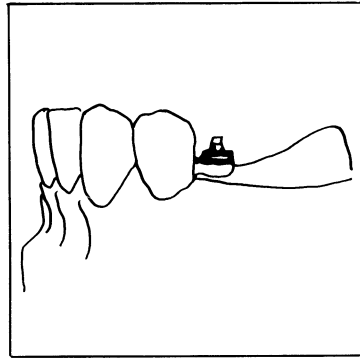
g. (24) (25)

frame

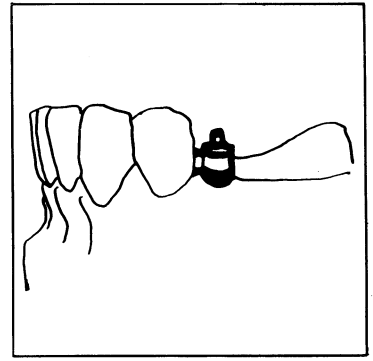
h. Ceka duplication dummy D female
part male pin



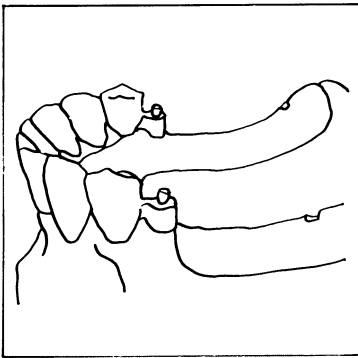
20.



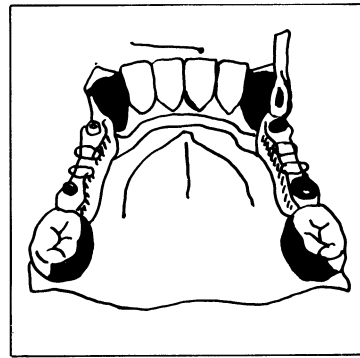
21.



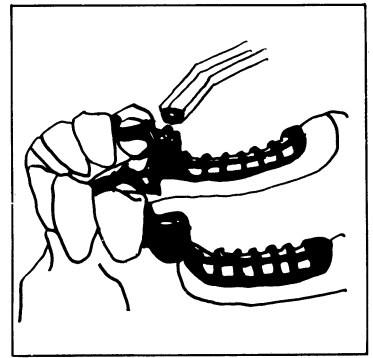
22.



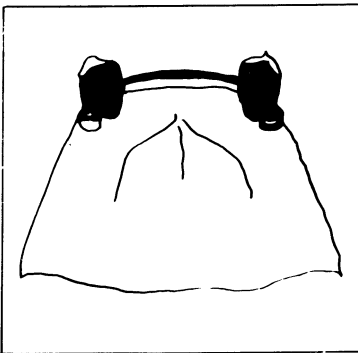
23.



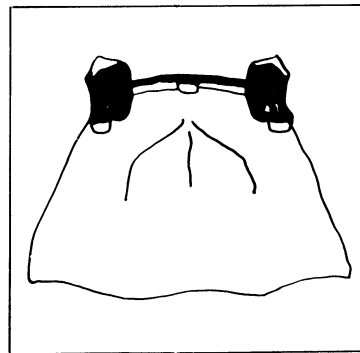
24.



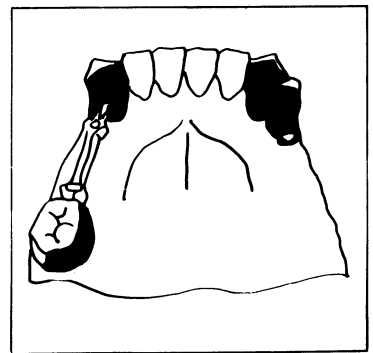
25.



26.



27.



28.

(22)
self cure resin
male pin
i. bar ridge bar

frame
retention nut

Tooth Born type removable bridge
Ceka

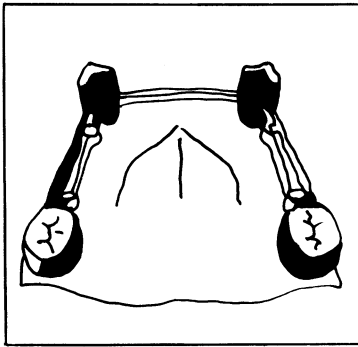
movement
telescopic crown

가 rotating
clasp 가

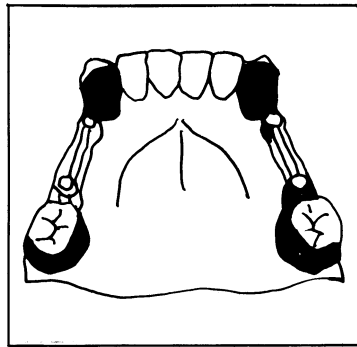
)

(

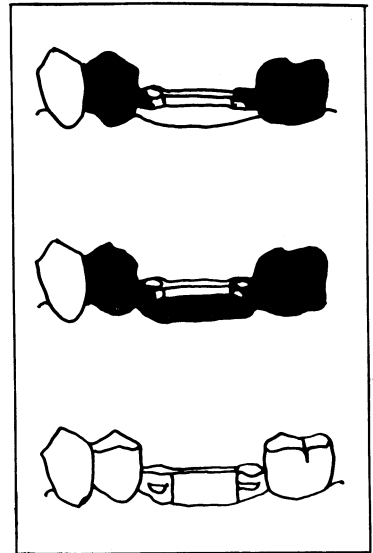
31,32)



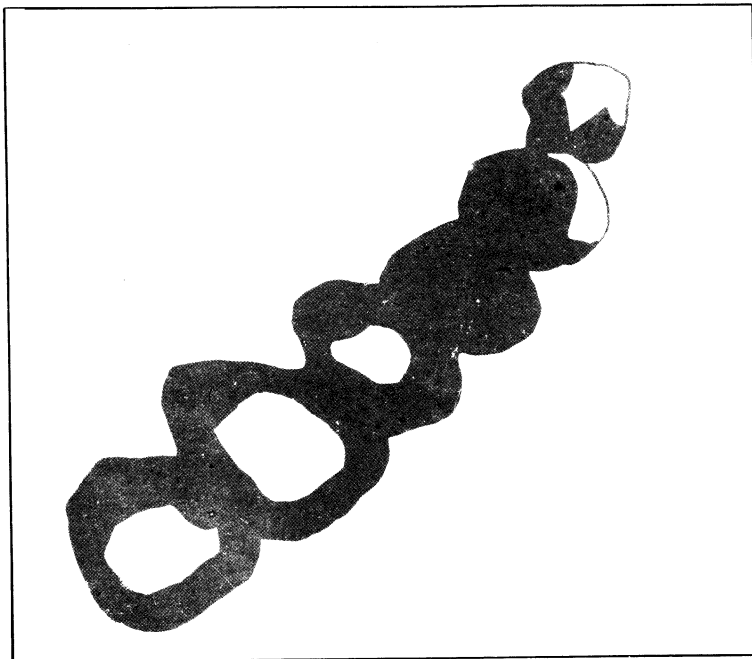
29.



30.



31.



32.

3. 결 론

Ceka

Indication

Ceka stud

가

indication

Ridge
Over-eruption

periodontium

가

1) 가
()

Ceka stud type
complete overlay full

denture

Ceka stud
 support
 space
 clasp가

2) Ceka
 space
 가
 Tooth bone type
 a) clasp telescopic crown
 b) Ridge support
 c) bar space
 Vertical movement hinge
 movement baserk
 2~3 가
 Indication Ceka stud type
 complete overlay full denture
 tooth bone type major connector
 class Ceka
 spandl stabilizing bar
 bar