

# Gnathological Occlusion(顎咬合)에 의한 Waxing Technique

최경명 치과의원

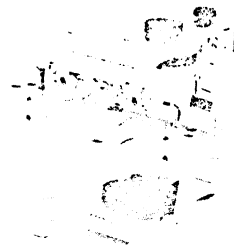
## I. 서 언

Organic occlusion  
oral rehabilitation  
Full mouth rehabilitation 가  
Organic occlusion  
physiologically ideal occlusal restoration ,  
gnathological occlusion  
article gnathological occlusion  
cusp-fossa waxing  
technique  
Cusp-fossa occlusion

## II. 과 정

1) Waxing을 하기 위한 교합면 삭제

PKT Model 가  
Waxing 가  
MOD Onlay Denar Mark ,  
Gnathamatic .( 3)



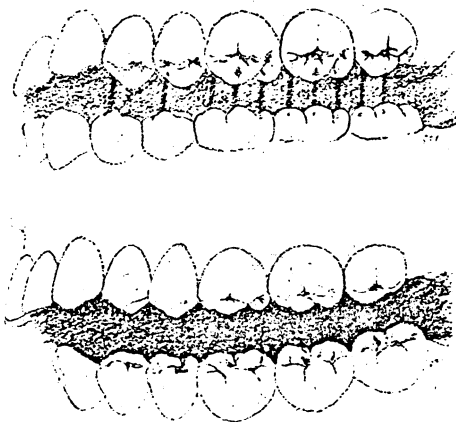
3.

2 2 1/2mm Tlr

eminentia

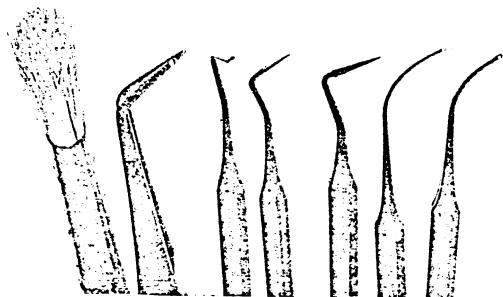
30°

Angle 7. Setting



1, 2. Cusp-Fossa Occlusion

Groove ridge  
Incisal guidance incisal table



4. PKT Instrument

PKT Waxing

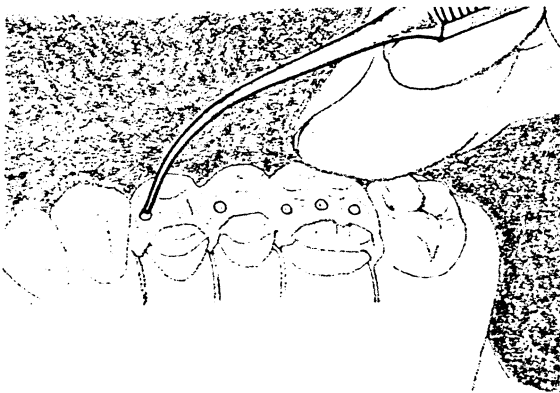
( 4)

Wax  
Stamp Cusp(Buccal

Cusp)

( 5)

Facial ridge crest 가  
Gingival crest



5. Fossa Guide Marking

Cusp Cone guide line

- FRC: Facial

Ridge Crest - 1 1

- FGL : Fossa Guide Line -

2) Waxing하는 순서

1. Cusp Cones
2. Marginal Ridge
3. Triangular Ridge & Oblique Ridge
4. Developmental Groove
5. Supplemental Groove
6. Supplemental Ridge
7. Inspecting the Fossa

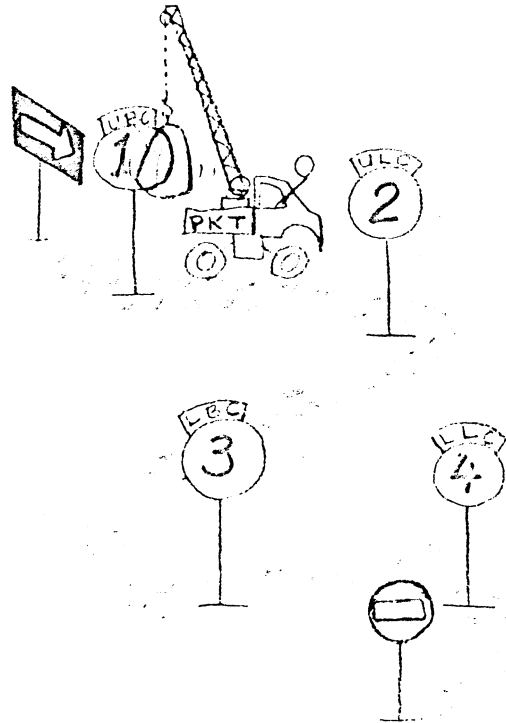
3) Cusp 위치의 설정

Cusp 가

Wax Cone ( 6)

- (1) Upper Buccal Cone
- (2) Upper Lingual Cone

(3) Lower Buccal Cone

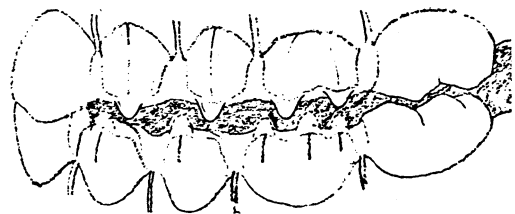


6. Cone

(4) Lower Lingual Cone

Cusp 가

1 FRC  
( 7)



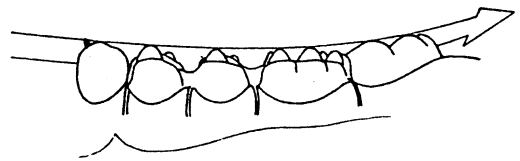
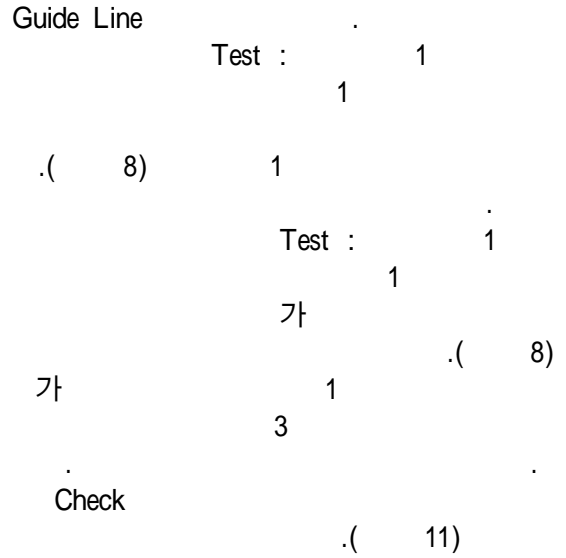
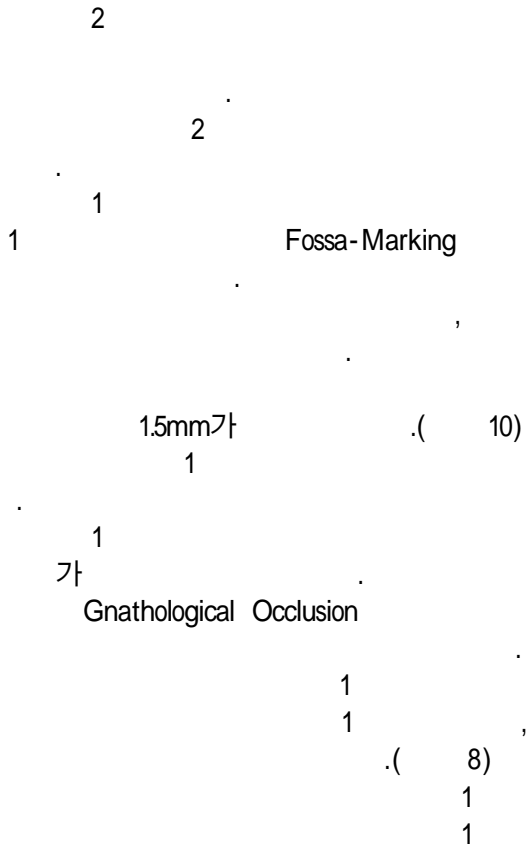
7. 가

4) 운동관계 테스트

1.5mm  
1

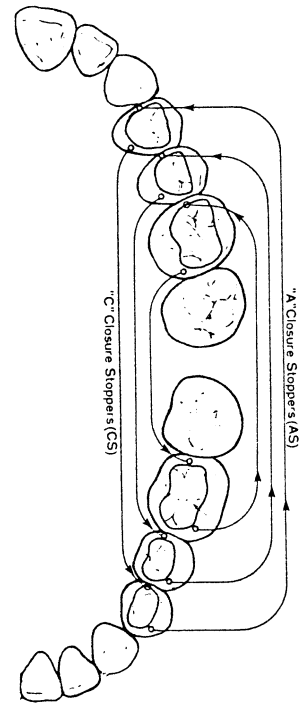
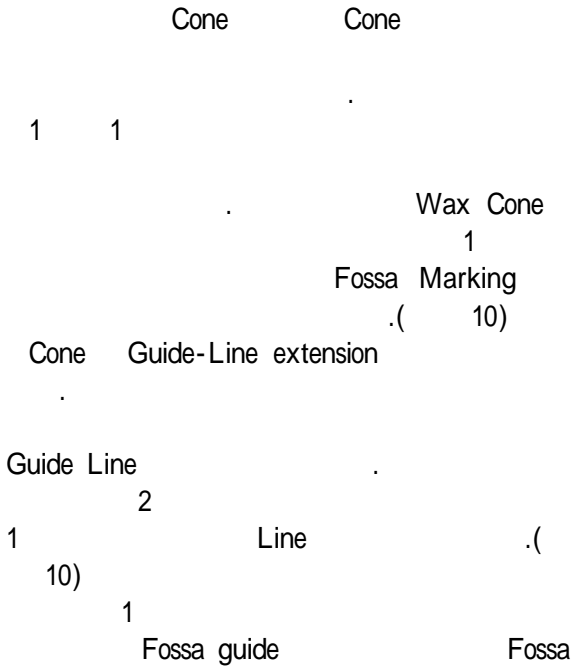
1.5mm





11. Desirable Occlusal Plane

6) 하악협측 교두의 설정



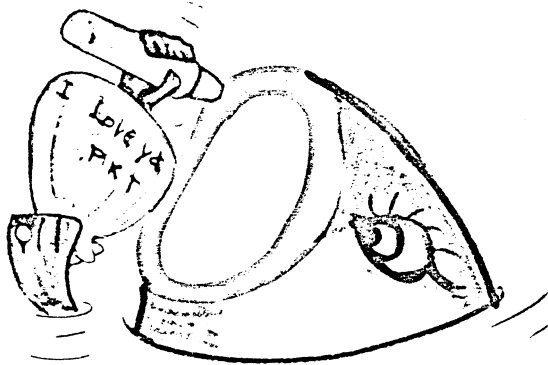
12. Fish Mouth Closure stopper

7) 변연부 융선

Wax  
Upper first

가

Wax  
"Fish Mouth" ( 13)



13.

(Main Cutting edge)

Centric Closure Stopper 가

8) 상악 변연부 융선

Upper first, Bussal first, Mesial first rule

PKT #1 Wax  
1

Line Angle(

Angle

( 12)

PKT #2  
Gingival

cone

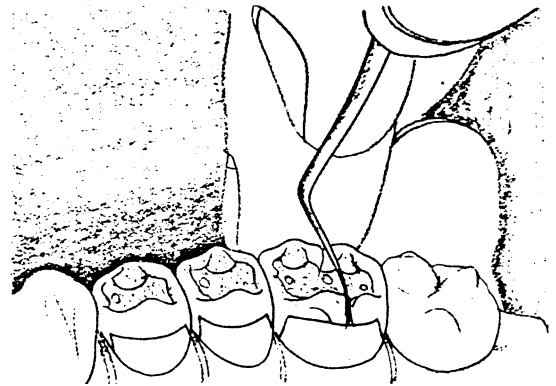
embrasure  
Model groove  
2  
PKT #2

가

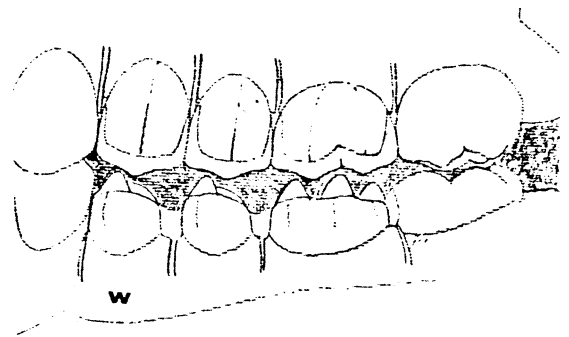
( 14)

"Fish Mouth"가  
가

( 15)



14. "Half Moon"



15.

9) 하악 변연부 융선

1

Wax

1  
1  
Contact  
Closure Stopper  
2  
Stopper  
Centric  
"Fish Mouth"  
16)

stopper  
stopper가  
stopper  
Equalizer  
Balancing Point  
19)

10) Centric Closure Stopper & Equalizers

Dr. Stuart A, B, C

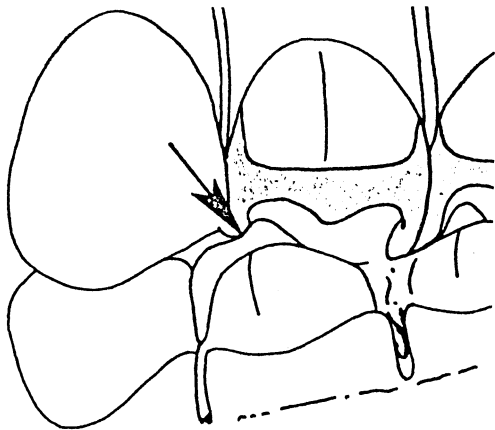
17)

11) 삼각용선의 위치

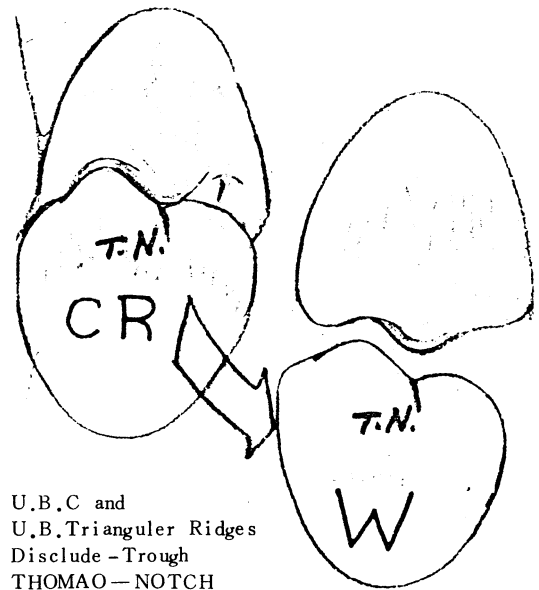
Mesio-Distal

Faico-Lingual

centric closure stopper  
Equalizers  
Centrically( ) related Occlusion,  
Disclusion( ), Tripodozation  
Organic Occlusion  
Closure stopper  
Point

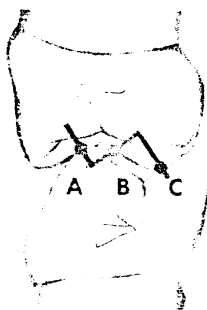


16. Closure Stopper



U.B.C and  
U.B.Triangular Ridges  
Disclude - Trough  
THOMAS - NOTCH  
IN WORKING  
P.K.T.

18.



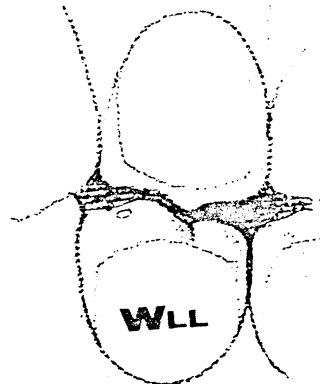
**CENTRIC CONTACTS**

**A**  
UPPER SHEARING  
LOWER STAMP

**B**  
UPPER STAMP  
LOWER STAMP

**C**  
UPPER STAMP  
LOWER SHEARING

17.

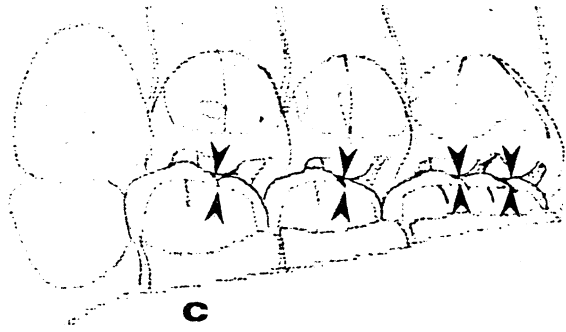


19.

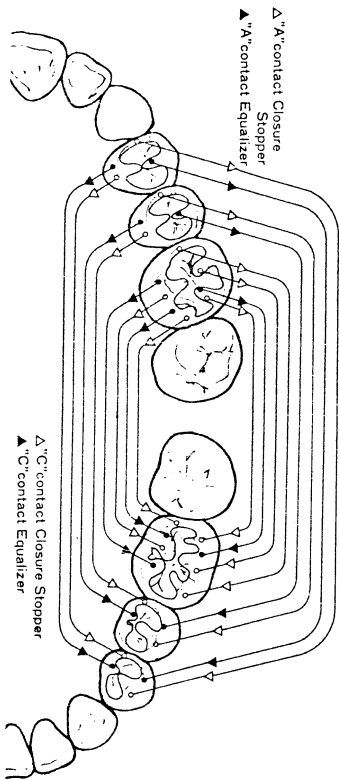
1

. Disclusion( )

Waxing Mesio-Distal, Facio-  
Lingual, Occluso-gingval



20.



21. " Thomas Notch "

point Equalizer  
A, B, C Contact Closure Stopper  
.( 19, 20)

- 1.
- 2.
3. 가
4. Antero-Posterior, Bucco-  
Lingual, Occluso-gingval
- 5.
6. Thomas-Notch

1  
가 PKT #5

Centric

" A "

가 Centric

1

1  
.( 20)

1

1

" Tomas Notch " .( 17)

1

" Thomas Notch "

.( 21)

PKT #2

Thomas Notch

1

가 가

Closure Stopper  
point .( 19)

Equalizer " A " Contact

1  
Central pit( )

1

1

Centric

1 " Fish Month "가

1 groove

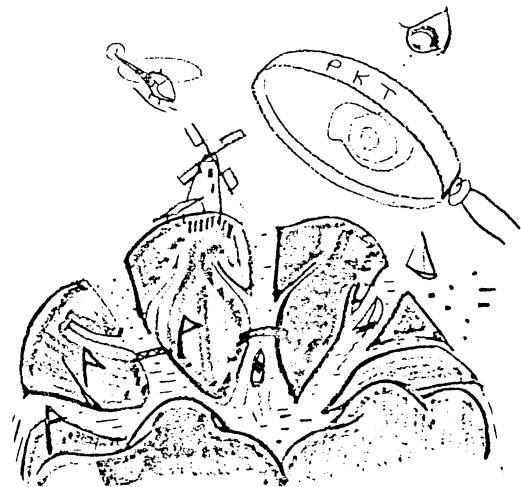
가

가 1  
 ( : BU\_LL)  
 1  
 “ Half Moon ”  
 groove “ A ” “ B ”  
 1 1  
 Thomas Notch (溝)  
 가 Centric 1  
 “ Half Moon ”  
 (弓) ( 19)  
 1  
 (Fossa Marking)  
 ( 19)  
 1 Fossa Marking 1  
 ( 19)  
 1  
 DU\_ML) 1  
 1  
 “ B ” Contact point 1  
 Centric 가  
 1 Wax 가  
 “ C ” point : Equalizer

( )  
 Wax  
 Waxing  
 2  
 1  
 ( 20) 1  
 sideshift( )  
 1  
 “ B ” ( )  
 가  
 Stamp Cusp

12) Developmental Groove, Supplemental Groove & Supplemental Ridge

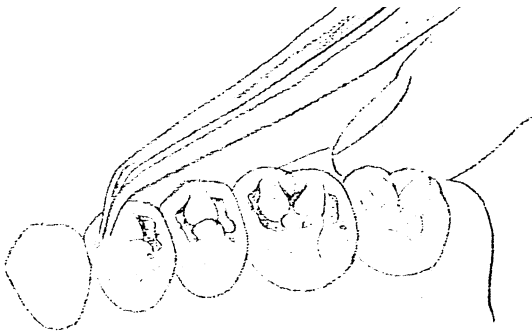
( 22)  
 Wax ( 23)  
 Wax



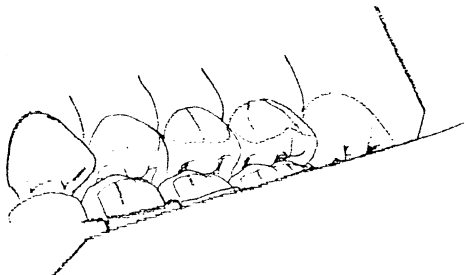


가  
Wax ( 24 )  
( 24 ) 가

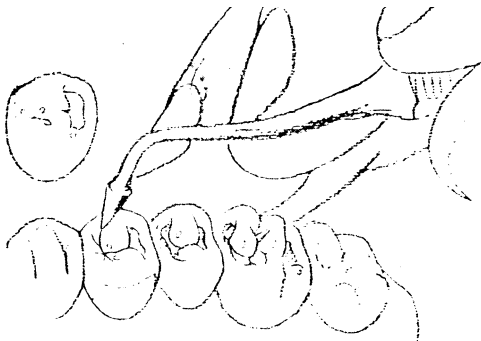
: " A " Contact, Equalizer,  
" B " Contact( 24, 25, 26)



23. Fossa



24. (Centric)



25. Supplemental Ridge Supplemental Groove

가  
가 Stamp Cusp

groover

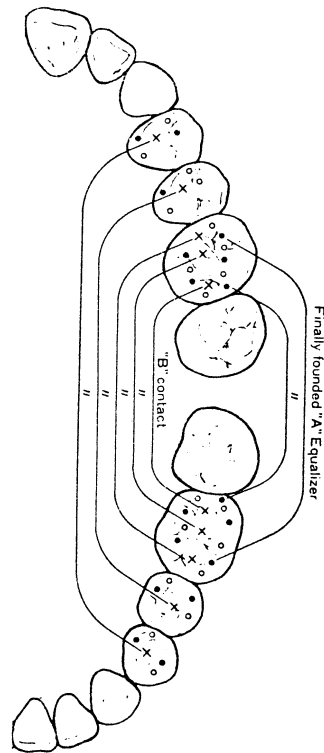
( 26 )  
Supplemental Groove( 가 )  
Supplemental

Groove

Supplemental Groove

Supplemental ridge

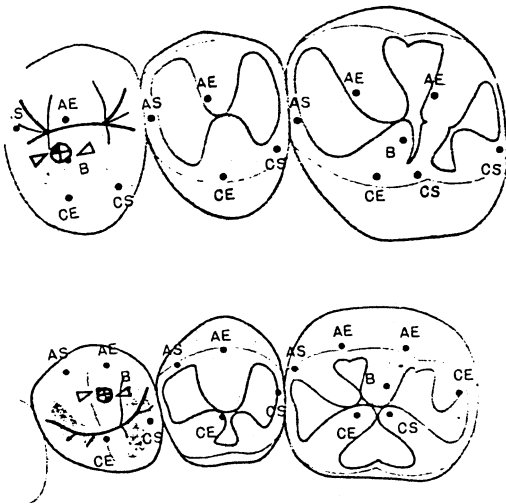
( )  
Supplemental Groove( )  
Supplemental Groove  
PKT #2



26. Gnathological Waxing

# 참고문헌

1  
 Clearance Eccentric  
 Stamp Cusp Test  
 Shearing Cusp Disclusion  
 가 가  
 " A " " B " " C " Contact Closure  
 Stopper Equalizer Waxing up  
 Check .( 26, 27, 28)



27, 28.  
 AS : " A " Contact - Closure Stopper  
 B : " B " Contact (Equalizer)  
 CE : " C " Contact - Equalizer  
 AE : " A " Contact - Equalizer  
 CS : " C " Contact - Closure Stopper

1. Stallard, H. : Organic Occlusion Personal letter of Payne
2. Stuart, E.E : What is Organic Occlusion ? Oral Rehabilitation & Occlusion. Vol. 5, p99, 1972
3. Stallard, H. and Stuart, C.E : Concept of Occlusion, What Kind of Occlusion should recused teeth be given, Oral Rehabilitation & Occlusion. Vol. 5, p.12, 1976
4. Stuart C.E : The Concept of the Occlusion of teeth, Oral Rehabilitation and Occlusion Vol. 5, p.12, 1976
5. Stuart C.E & Stallard, H : Consevation & Natural & restored Cusps in organized Occlusion : Presented before the Chicago Dental Society, Feb.11, 1959
6. Lucia, V.O : Morden Gnathological Concept, p.35, C.V. Mosby, Philadelphia, 1961.
7. Lucia, V.O : Morden Gnathological Concept, p.193. C.V. Mosby, Philadelphia.
8. Stuart C.E : Stamp Cusp & Shearing Cusp, Occlusion as seen through the eyes of Charles Stuart. p. 1, 1978.
9. Huffman, Regenos & Taylor : Customized incisal guide table, Principle of Occlusion p. 129, 1973
10. Kraus, B,S, Jordan R.E, Abrams L. : Dental Anatomy & Occlusion p.249, 1959
11. Beach D,R : Personal communication. 1970
12. Stuart C.E : Closure stoppers & Equalizers, Occlusion as seen through the eyes of Charles Stuart. p.3, 1978
13. Guichet N.E : Occlusion, A Collection of monographs. p.55, 1970
14. Peter K. Thomas, George Tateno : Gnathological Occlusion, Tokyo, 1979
15. Peter K. Thomas, George Tateno : Gnathological Occlusion, Vol. 1, p.91, 1982