

# 치과기공사를 위한 교합론

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1. . . . . 가
  2. . . . . 가
  3. (Mandibular Position). . . . . cusp fossa가
  4. (Mandibular Movement). . . . . contact centric occlusion
  5. . . . . 가 .
- centric contact . . . . . 類舌 方向
1. . . . . cusp marginal ridge type
2. . . . . cusp fossa type

## I. 교합의 개념

(occlusion) . . . . . 가

(articulation) . . . . . 가 . 가 . flat

contact . . . . . noncentric cusp groove

centric contact eccentric guide 溢出 . . . . . horisontal overlap

jaw closing action lip, cheek, tonque

### (1) Centric contact

centric contact

jaw closure  
(vertical dimension)

### (2) Eccentric contact

centric contact . . . . . working movement

proximal surface . . . . . contact, Non working movement

cusp . . . . .

contact, protrusive movement  
contact working M, Non  
working M, Protrusive M,  
contact

contact

가  
가

가  
eccentric contact  
3가

가

### Fully balanced occlusion

가

## II. 교합에 영향을 주는 요인

### (1) Posterior determinants(후방 결정 요인)

Bennett shift  
Inter-condylar distance

### Segment group function occlusion

Schuyer

### (2) Anterior determinants(전방 결정 요인)

Vertical overlap Horizontal overlap

) free centric occlusion

) (working side)

(balancing side)

)

### (3) Arrangement of teeth(치아의 배열, 식립되어 있는 상태)

가

가

### Mutually protective canine guided occlusion

shaw D · Amico

) centric contact가

) 가

가

) 가

가

4”

Monson 's curve    Spee 's curve  
Wilson 's lateral curve

1 ~ 2mm  
working side

### III. 하악위

#### (1) rest position(안정위)

(2) Sliding or Translatory movement  
(미끄러지는 운동)  
condylar head가 articular disc

(2) free way space(자유로간격)  
Space  
가 free way space 2~5mm  
free way space

Protrusive movement( )  
가

Retrusive movement( )

1/2 ~ 1mm.  
Lateral swing movement( )

T · M · J

가 condyle  
가 가 가

condyle (condyle)

• ;  
• ;

balancing side  
working side( ) working side  
가 Bennett's movement  
Bennett's movement  
Bennett's

#### (3) occlusion position(교합위)

occlusion position( ) , centric  
sulci가 cusp 가  
condyle mandibular fossa 가

movement Bennett's movement  
movement Bennett's  
movement Bennett's

Bennett's movement가

### IV. 하악운동

#### (1) Hinge or Rotary movement(회전운동)

condylar head가  
articular disc  
2가  
depression  
elevation  
hinge articular

Bennett's movement가  
working side

Bennett's movement가  
balancing side

Semi-adjustable Articulator Hanau Art.  
 Dentatus Art. Fully-adjustable Articulator  
 Stuart Art.

1 2  
 1 1

## V. 기능적인 교합면형성법

### (1) Dr. Lundun의 color coding system

wax full balanced  
 occlusion group functionde occlusion ,

### (3) F.G. P. Technique에 의한 교합면 형성법

F · G · P technique  
 F · G · P tape  
 wax

wax

wax pattern

block

core

core

### (2) P.K Thomas의 cusp to fossa waxing system

F · G · P technique

0

system

가

가

system

protected occlusion

( )

1

2

2

Dr. Lundun color coding

가 1

system anatomic

가 가

P · K Thomas Cusp to fossa waxing system

cusp to fossa

ideal