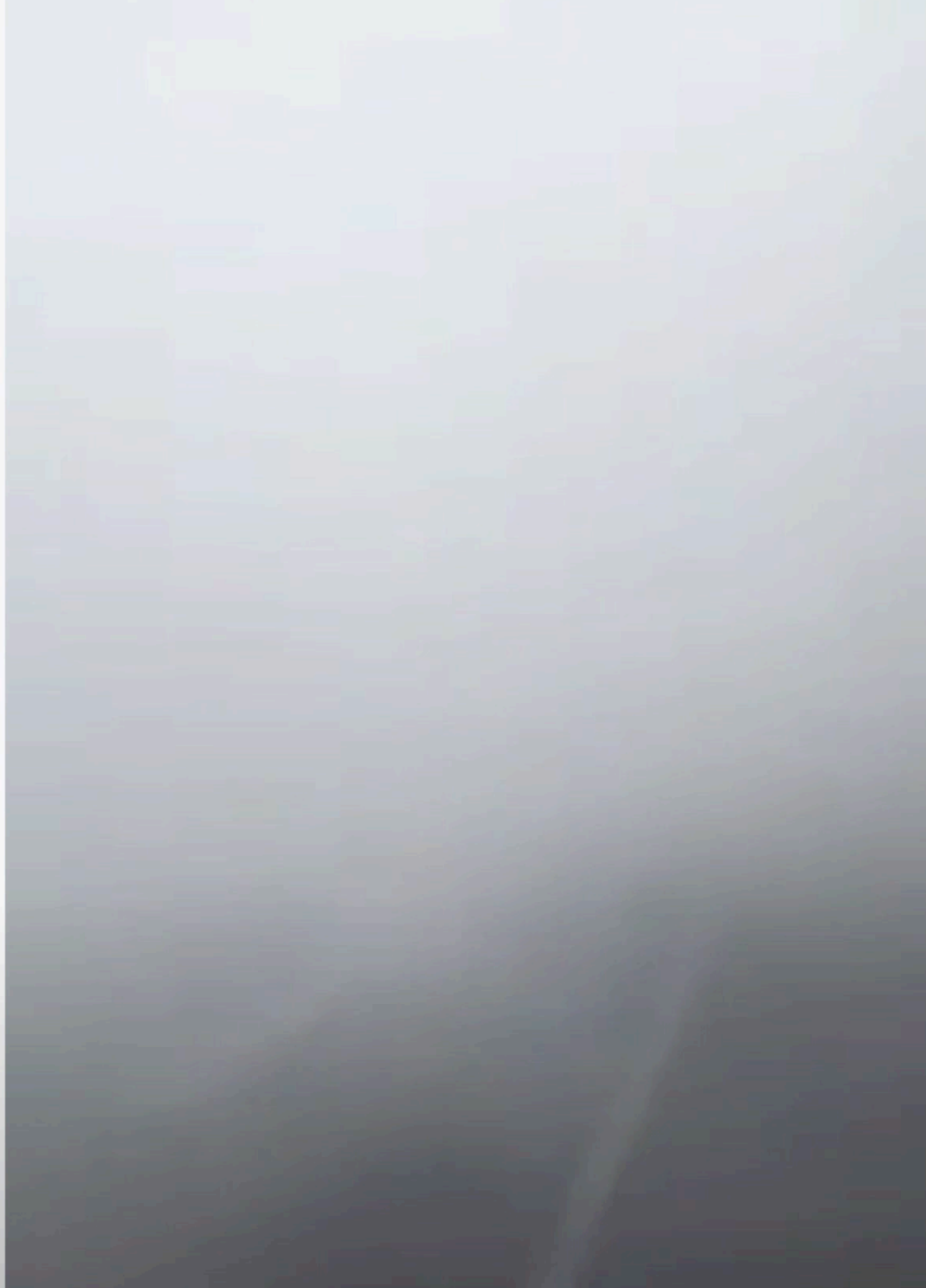


THE BACK BONE OF THE INDIRECT RESTORATION















TEETH CONDITION

MATERIAL SELECTION

ORAL HYGIENE

PREP. DESIGN

LAB WORK

OCCLUSION

**THE OCCLUSION IS THE KEY OF
SUCCESS OF YOUR
RESTORATION**

IMPORTANT TERMS

- CR: Mandibulo maxillary inter relationship
- CO: The teeth contact while the upper and lower jaws in centric relation .
- working side and non working side .

T.M.J. ANATOMY:

Lateral pterygoid muscle,
superior head

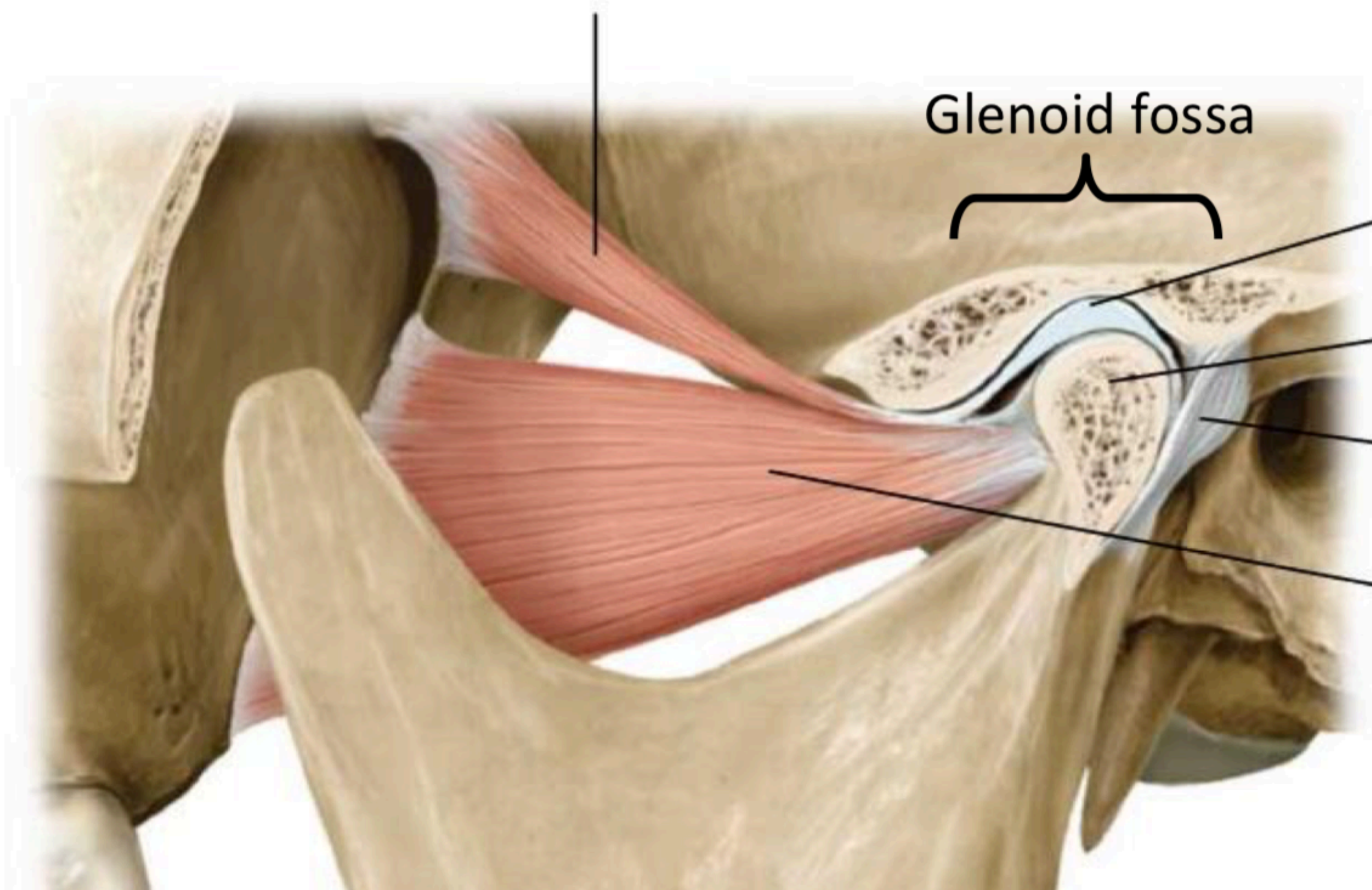
Glenoid fossa

Articular disk

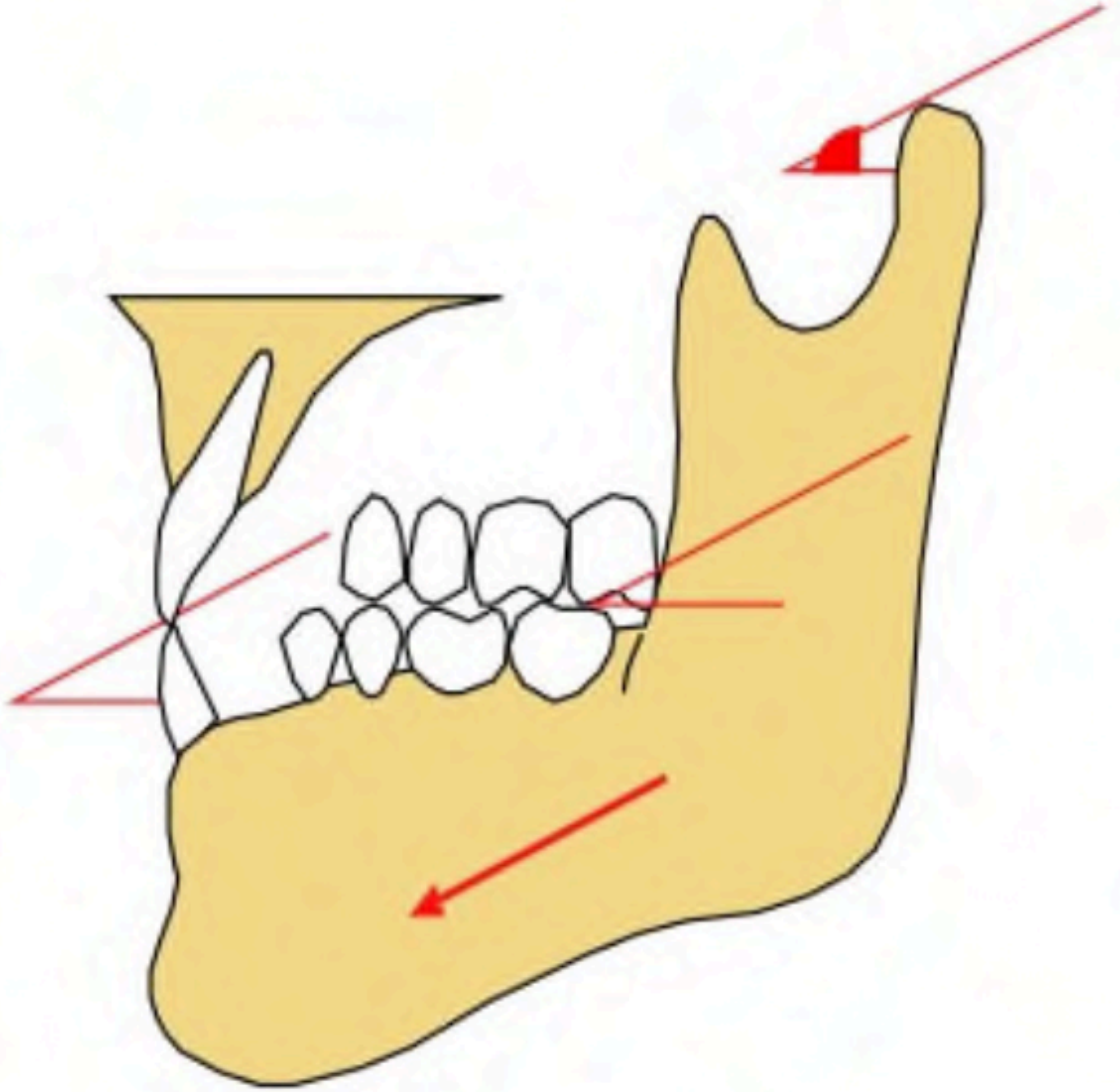
Head of mandible

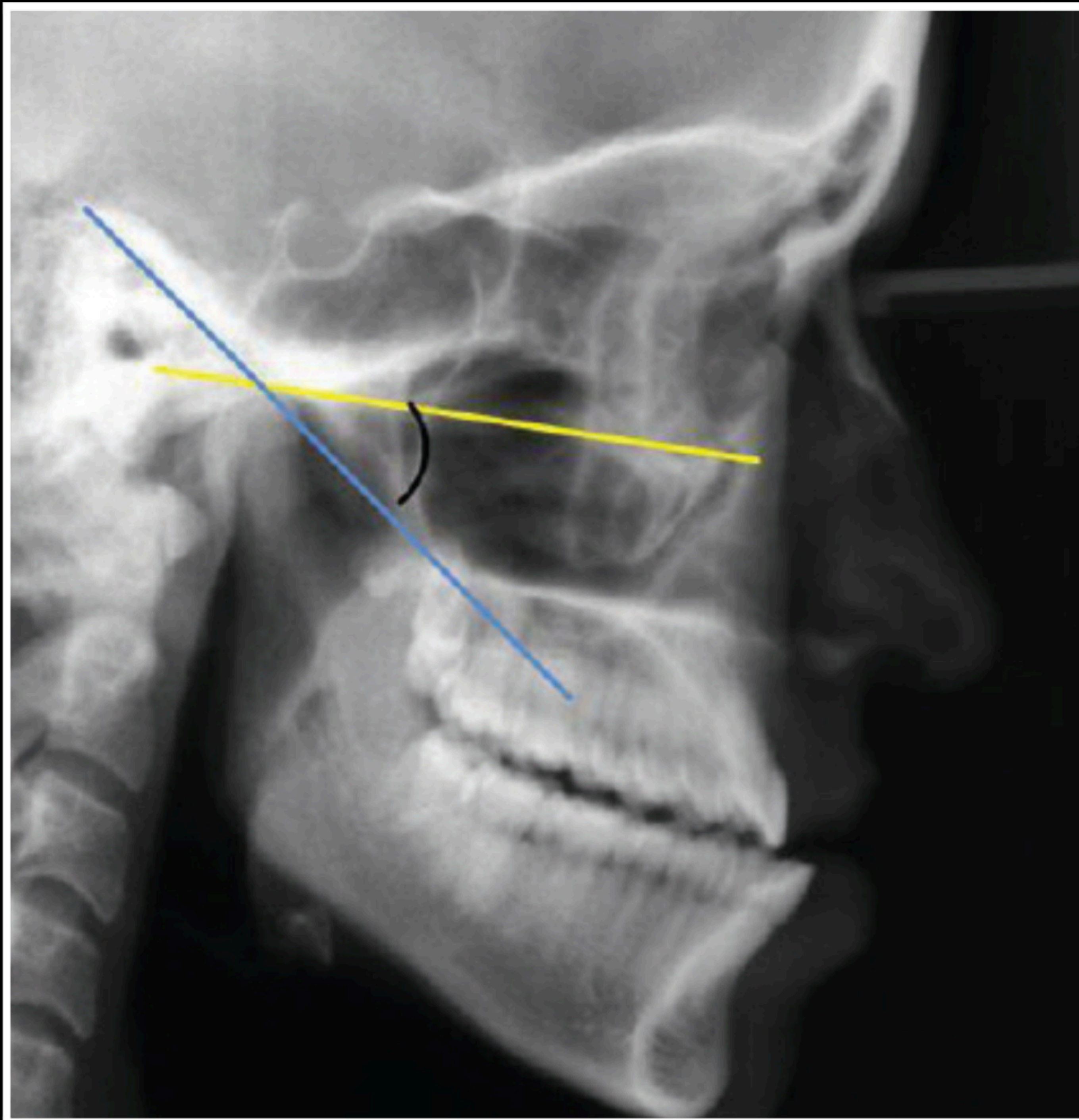
Joint capsule

Lateral pterygoid
muscle,
inferior head



CONDYLYLAR ANGLE





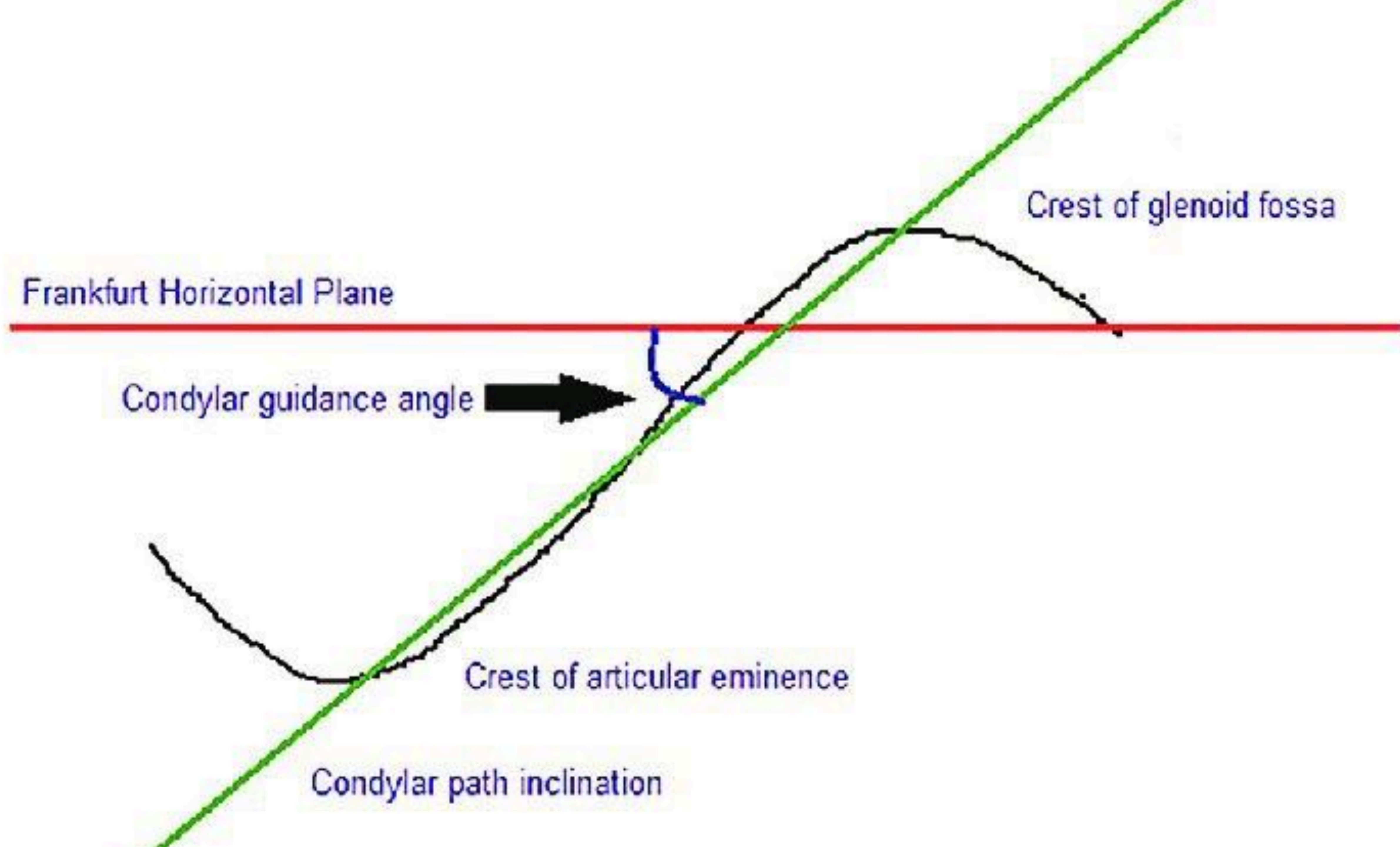
Frankfurt Horizontal Plane

Crest of glenoid fossa

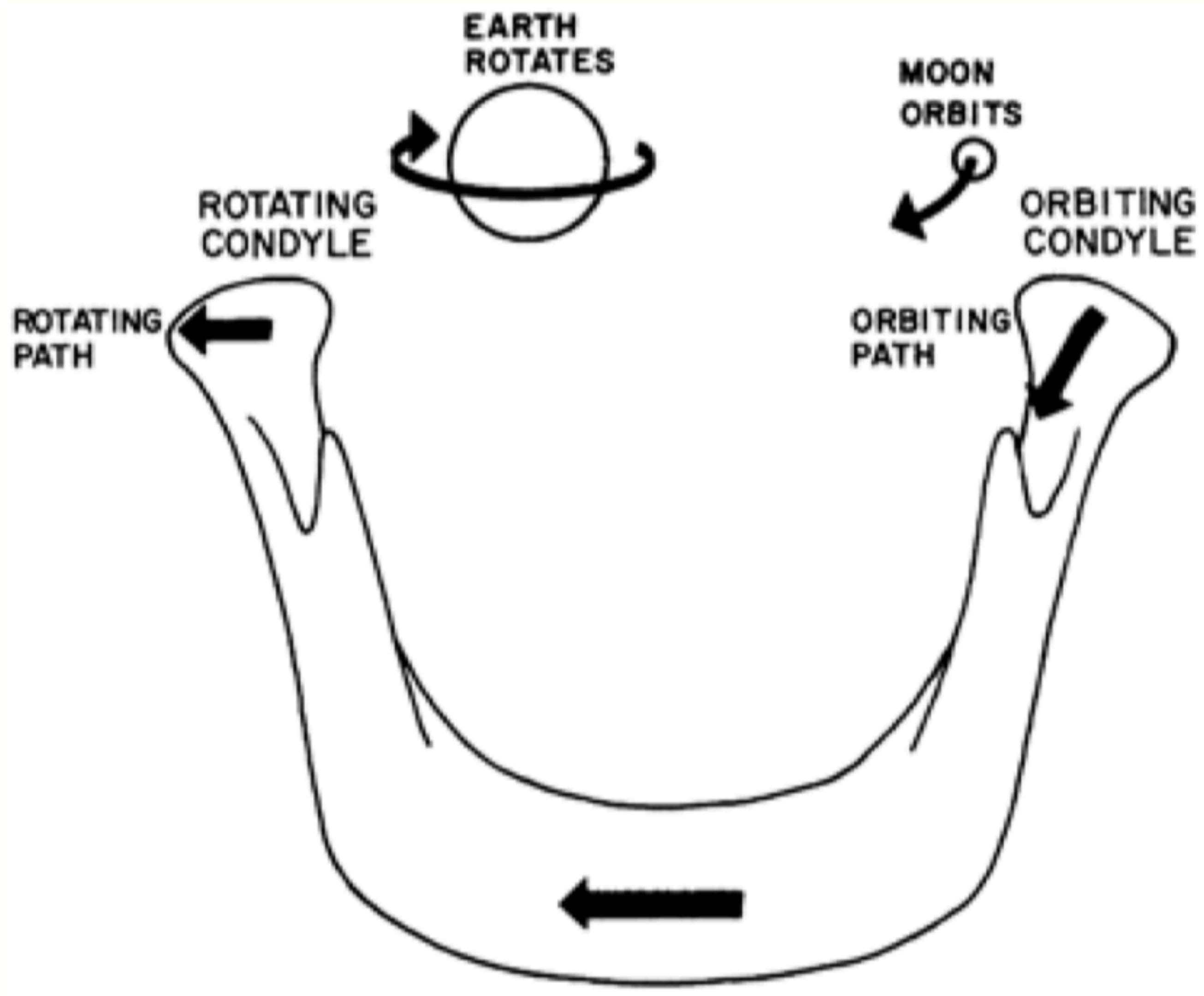
Condylar guidance angle

Crest of articular eminence

Condylar path inclination



BENNETT ANGLE

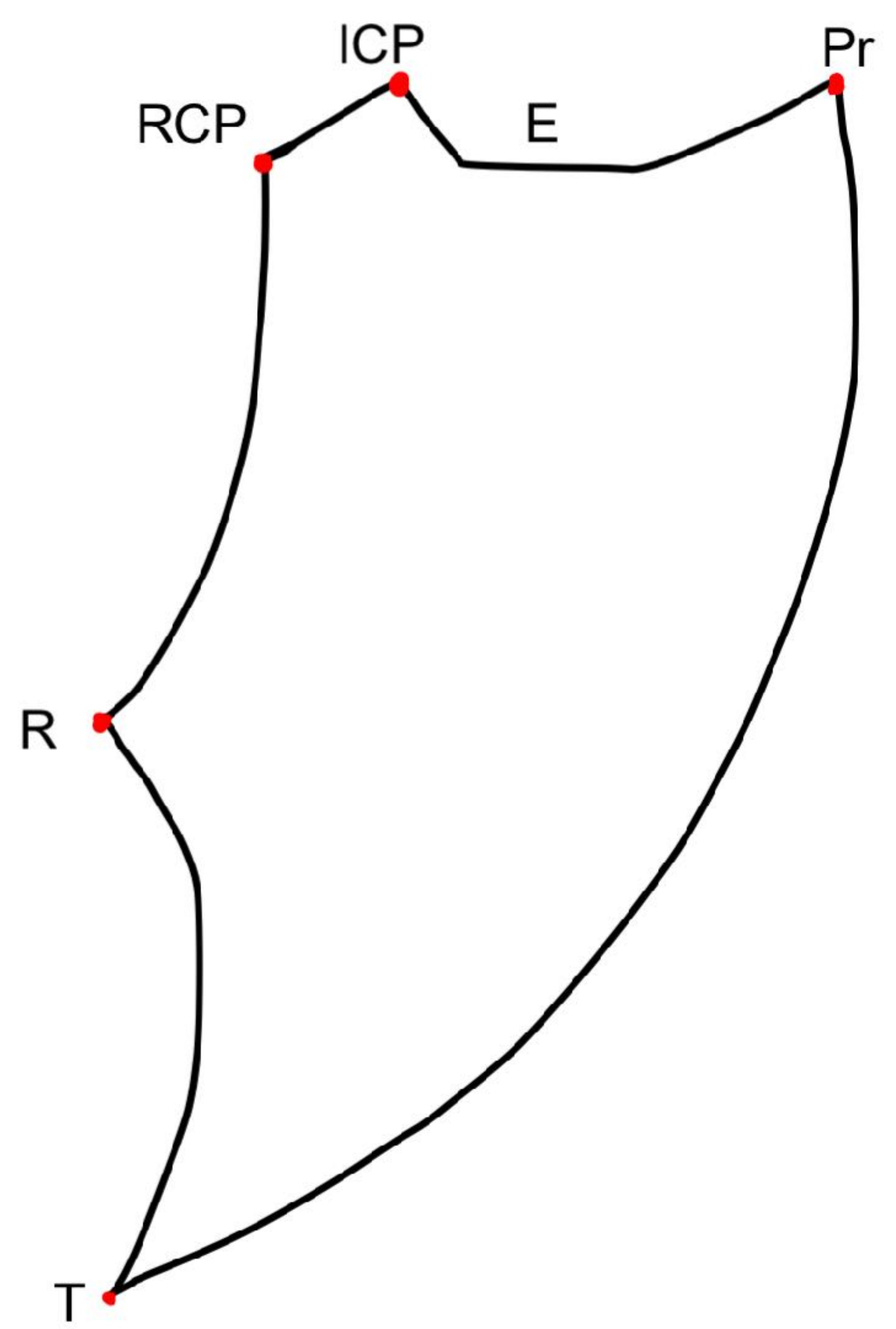


MANDIBLE MOVES TO PATIENT'S RIGHT

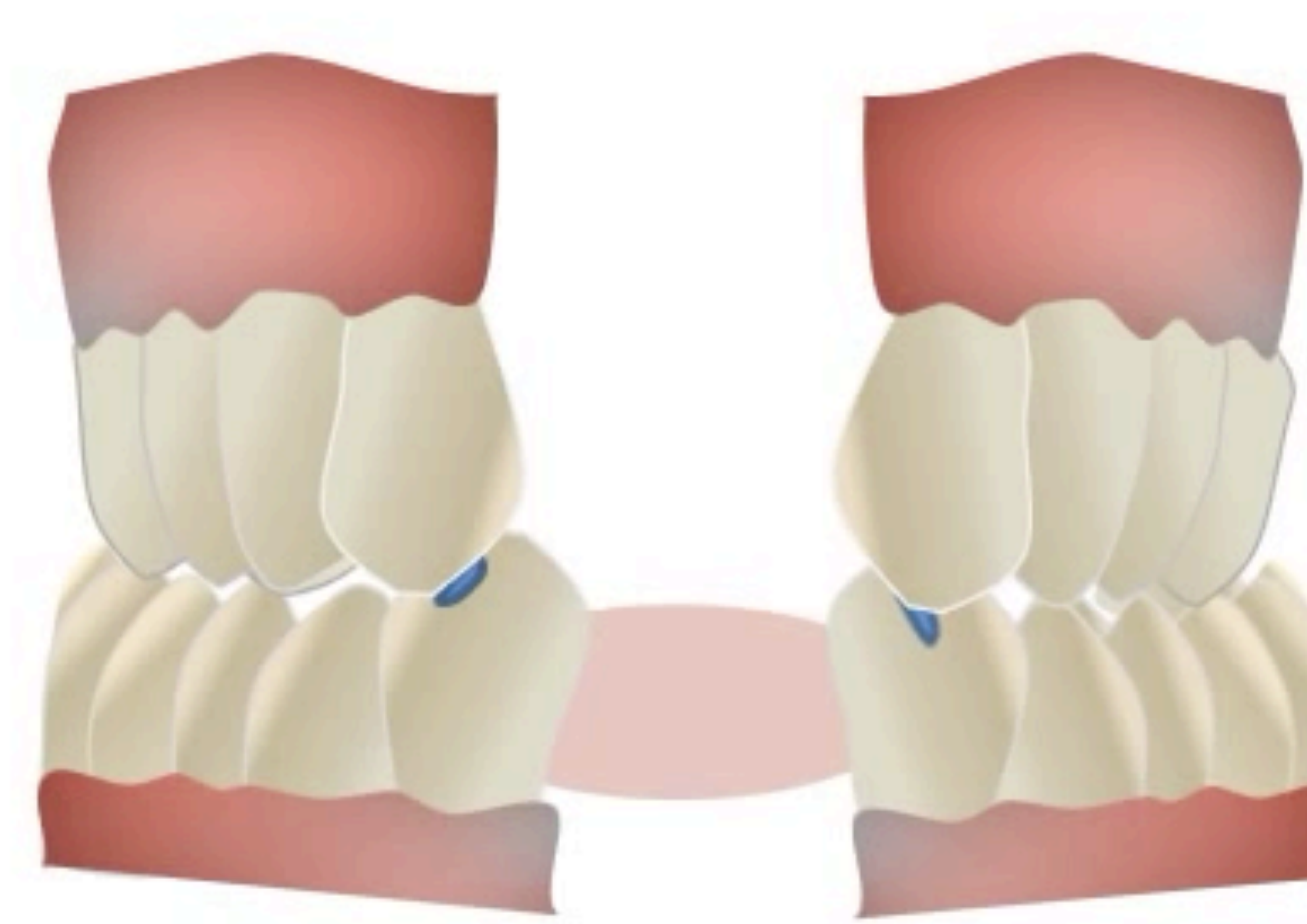
STATIC AND DYNAMIC

OCCLUSION

POSSELT'S ENVELOPE OF MANDIBULAR MOTION



CANINE GUIDANCE:



Distribution of lateral stresses

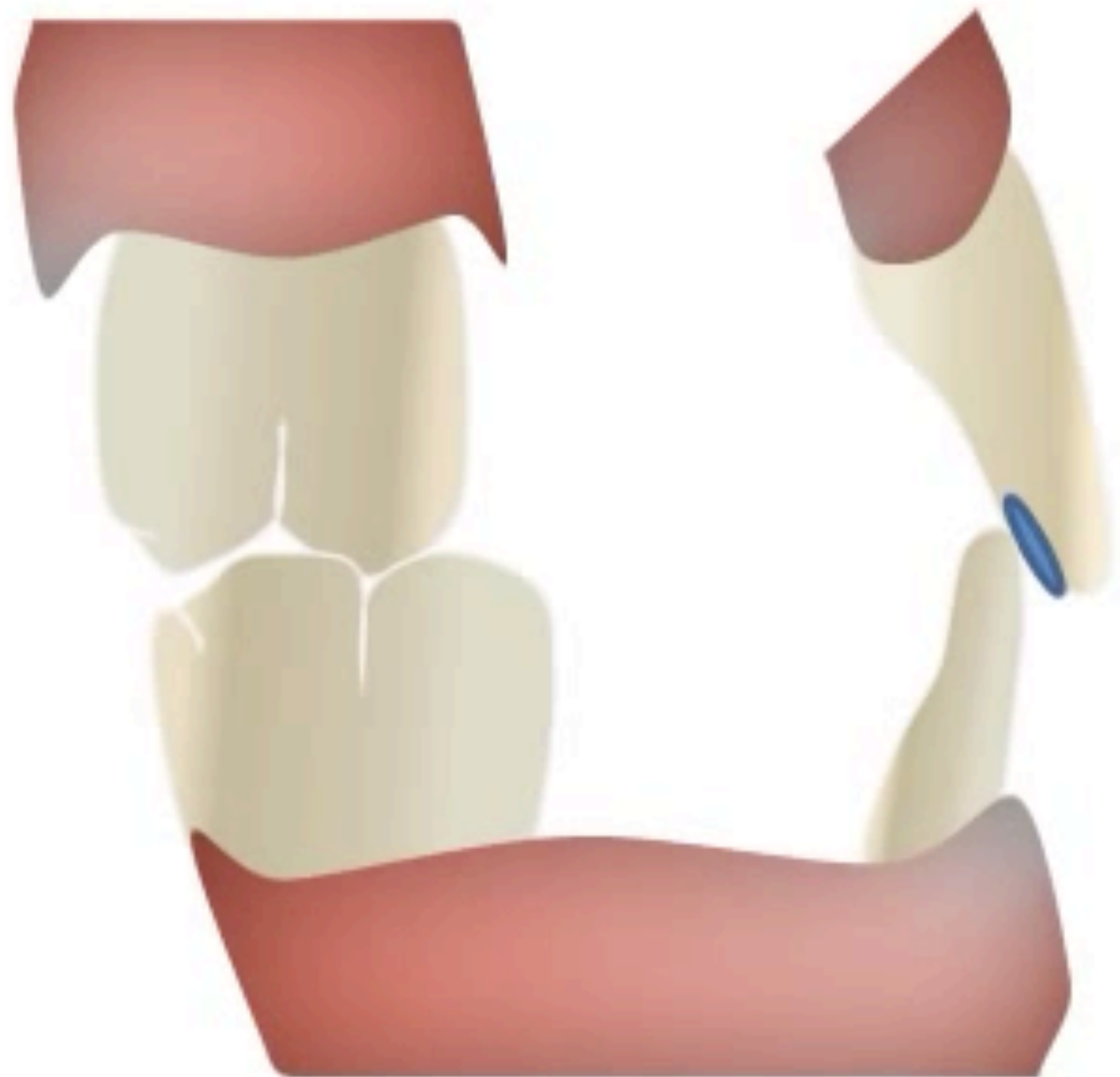


Group Function-

The distribution of lateral forces to a group of teeth, such as some or all teeth on the working side

Mutually protected occlusion

- Posterior teeth protect the anterior teeth in closure



what we should check before beginning ?

- Type of occlusion
- Force distribution
- TMJ
- Pt. vertical dimension



what we check after finishing

- Incisal guidance
- Canine guidance
- Centric and eccentric
- Functional and non functional side



- SHOW/HIDE ?
- Antagonists
- Jaw scans
- Anatomic shapes

Distance visualization temporarily disabled

Articulator movement disabled in this step

Articulator

ARTICULATOR OPTIONS

Articulator type: Type_A

Rarticulate models virtually
 Choose which teeth influence articulator movement

Show articulator

MOVEMENTS

PARAMETERS

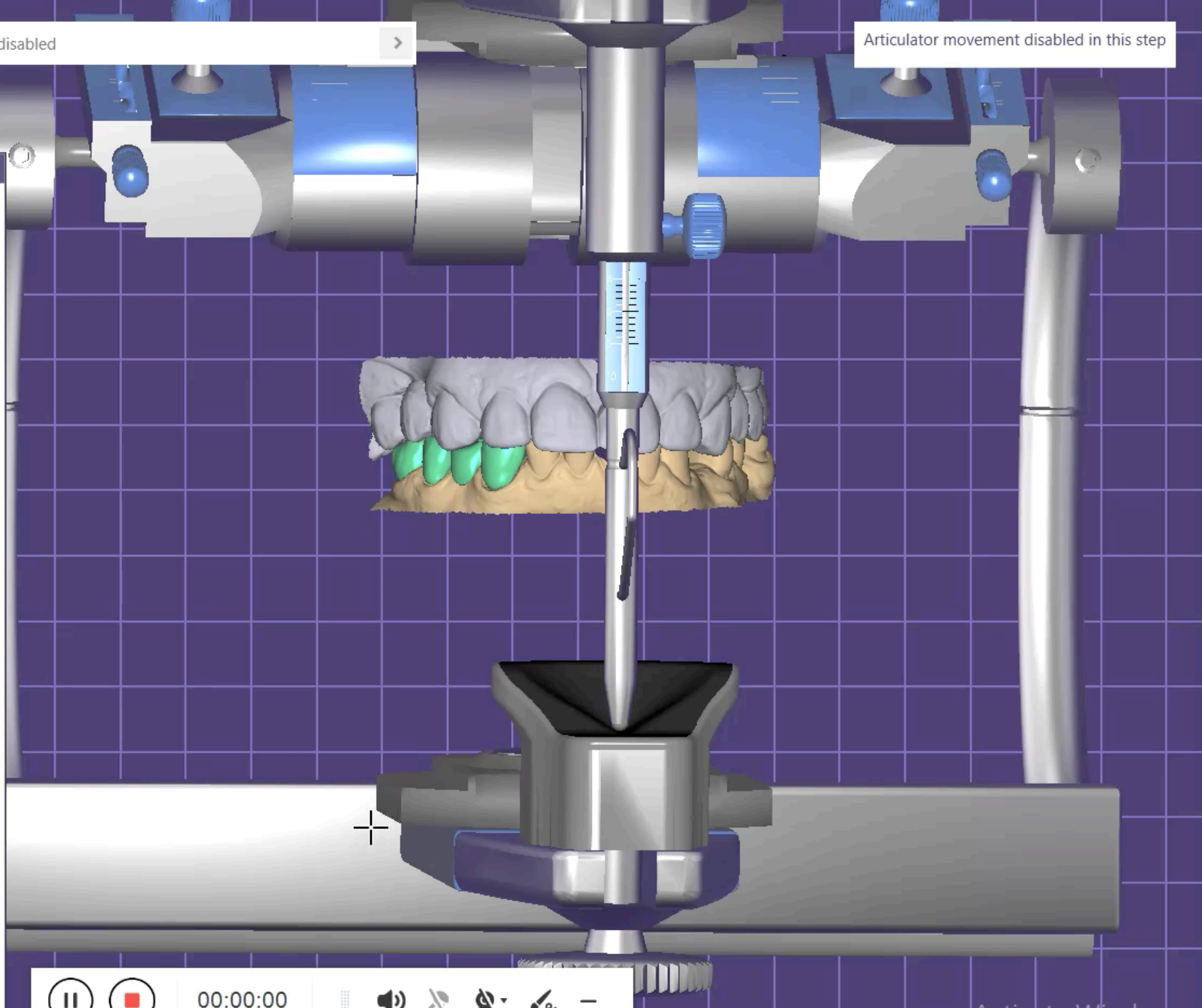
Adjust the values as in your real articulator.

	LEFT	RIGHT	
Bennett angle	<input type="text" value="7"/>	<input type="text" value="7"/>	°
Immediate sideshift	<input type="text" value="0.5"/>	<input type="text" value="0.5"/>	mm
Condylar angle	<input type="text" value="25"/>	<input type="text" value="25"/>	°
Opening of bite	<input type="text" value="0"/>		mm

Positive value means higher bite

Articulator movements finished.

i Retrusion will be executed with Bennett angle 0



- Save
- Wizard
- Tools
- Articulator
- Show distances
- TruSmile
- Add custom view



Activate Windows
Go to Settings to activate Windows

exocad

Distance visualization temporarily disabled

Articulator movement disabled in this step

- SHOW/HIDE
- Anatomic shapes
- Anatomic waxup
- Full anatomic
- Reduced parts
- Reduced waxup
- Connectors
- Merged parts
- Model
- Virtual waxup bottom
- Bottom of design

ARTICULATOR OPTIONS

Articulator type: Type_A

Rearticulate models virtually: Choose which teeth influence articulator movement:

Use Model:

PARAMETERS

Set the values as in your real articulator.

LEFT **RIGHT**

Articulation angle:

Articulation sideshift: mm

Articulation angle:

Articulation of bite: mm
Positive value means higher bite

CONTACT INTERSECTIONS

Warning: Antagonist data was modified to remove intrusions of 0.008 mm.

Remove intersections?

Saving articulator movements...

Simulation will be executed with Bennett angle 0

OK Cancel

Screen Record

Media Library Setting More Evaluation

Full Region Camera

Resolution: 1920*1080

FPS: 30 fps/s

Audio: Computer sound only

Other Settings: Open The Camera Record The Mouse

00:00:48

Save Folder: C:\Users\msi-pc\Videos Free Space: 380GB

- Save
- Wizard
- Tools
- Articulator
- Show distances
- TruSmile
- Cut view

- Add custom view
- Custom view 1
- Custom view 2



exocad



BEFORE ...



BEFORE ...



BEFORE ..



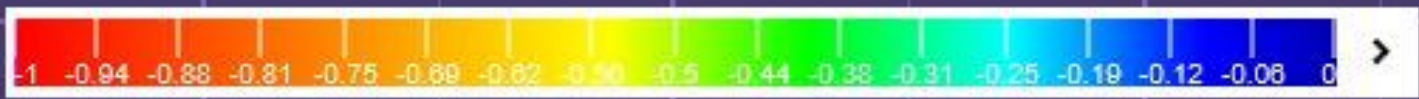


FACEBOW RECORD ..



BITE IN CENTRIC RELATION ..





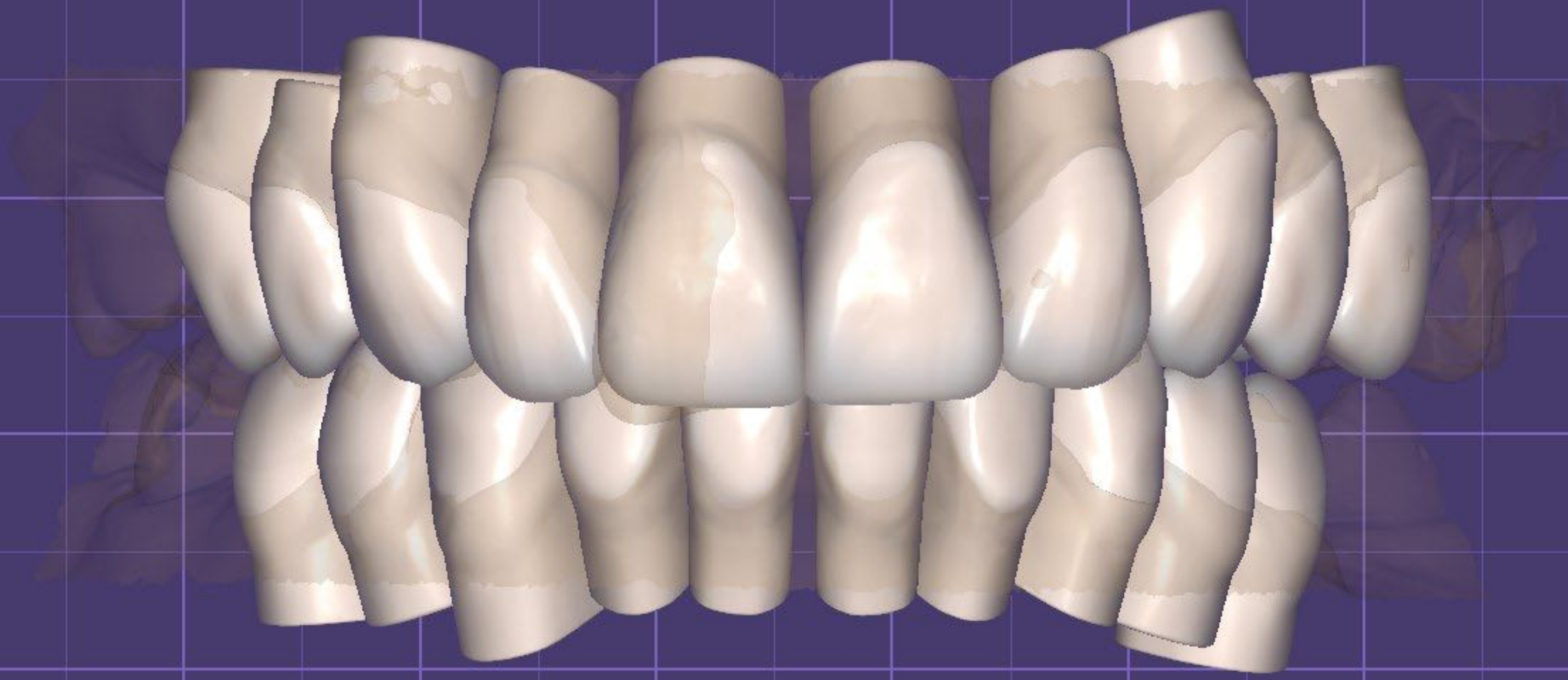
▼ SHOW/HIDE ?

- Jaw scans
- Full anatomic

▼ TEETH

- Upper arch
- Lower arch

> HIDDEN **Hide all**



Wizard Free-Forming ?

FREE ANAT. ADAPT ATT.

+ Add/Remove **⬇** Smooth/Flatten

BRUSH

Strength (CTRL + mouse wheel) <>

Brush size (SHIFT + mouse wheel) <>

Type:

Cut all intersections

Undo Redo

Back Next



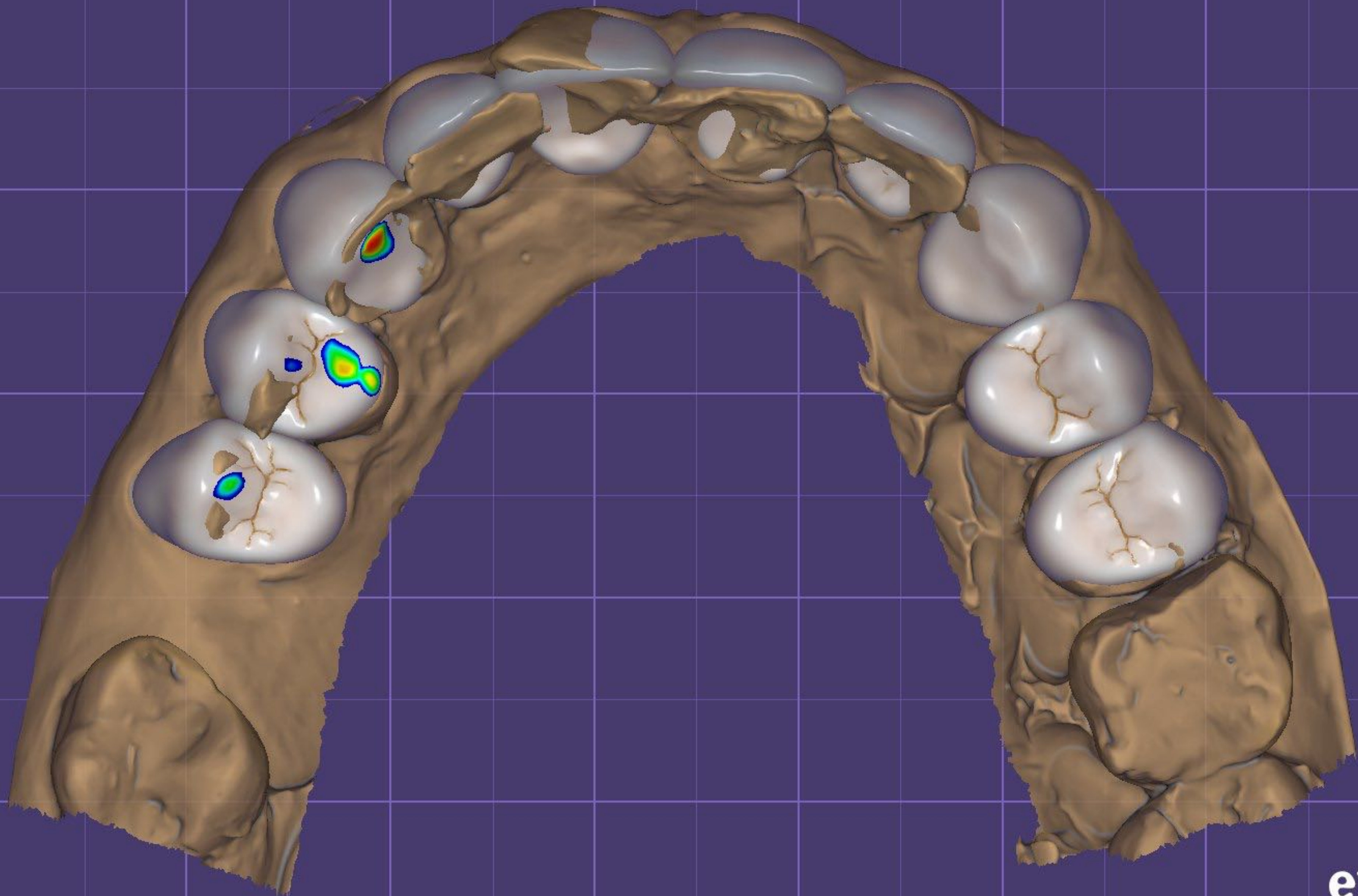
SHOW/HIDE ?

- Jaw scans
- Full anatomic

TEETH

- Upper arch
- Lower arch

HIDDEN Show all



Wizard Free-Forming ?

FREE ANAT. ADAPT ATT.

Add/Remove Smooth/Flatten

BRUSH

Strength (CTRL + mouse wheel) <>

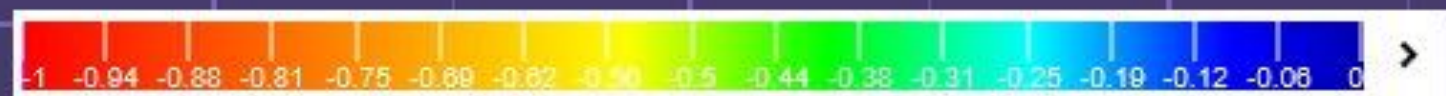
Brush size (SHIFT + mouse wheel) <>

Type:

Cut all intersections

Undo Redo

Back Next



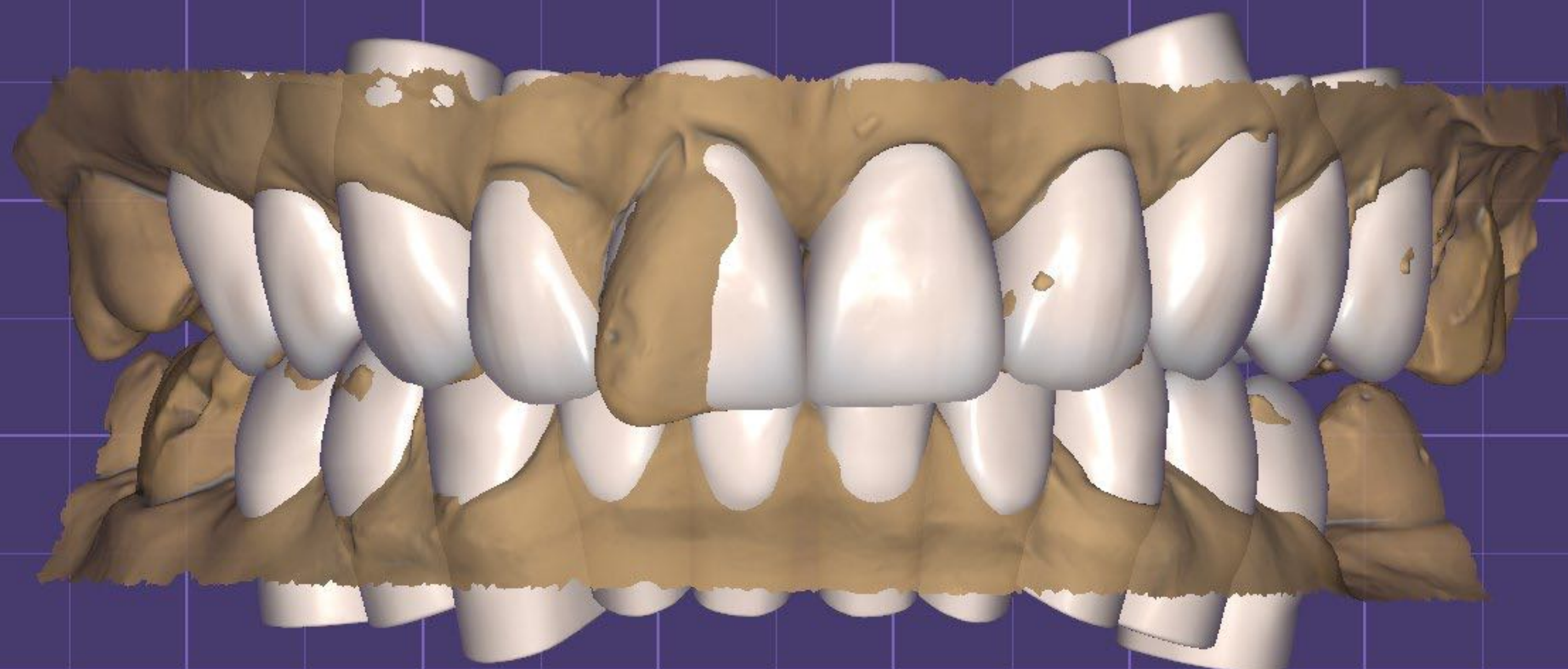
▼ SHOW/HIDE ?

- ▶ Jaw scans
- ▶ Full anatomic

▼ TEETH

- ▶ Upper arch
- ▶ Lower arch

> HIDDEN **Hide all**



Wizard Free-Forming ?

FREE ANAT. ADAPT ATT.

+ Add/Remove **⬇** Smooth/Flatten

BRUSH

Strength (CTRL + mouse wheel) <>

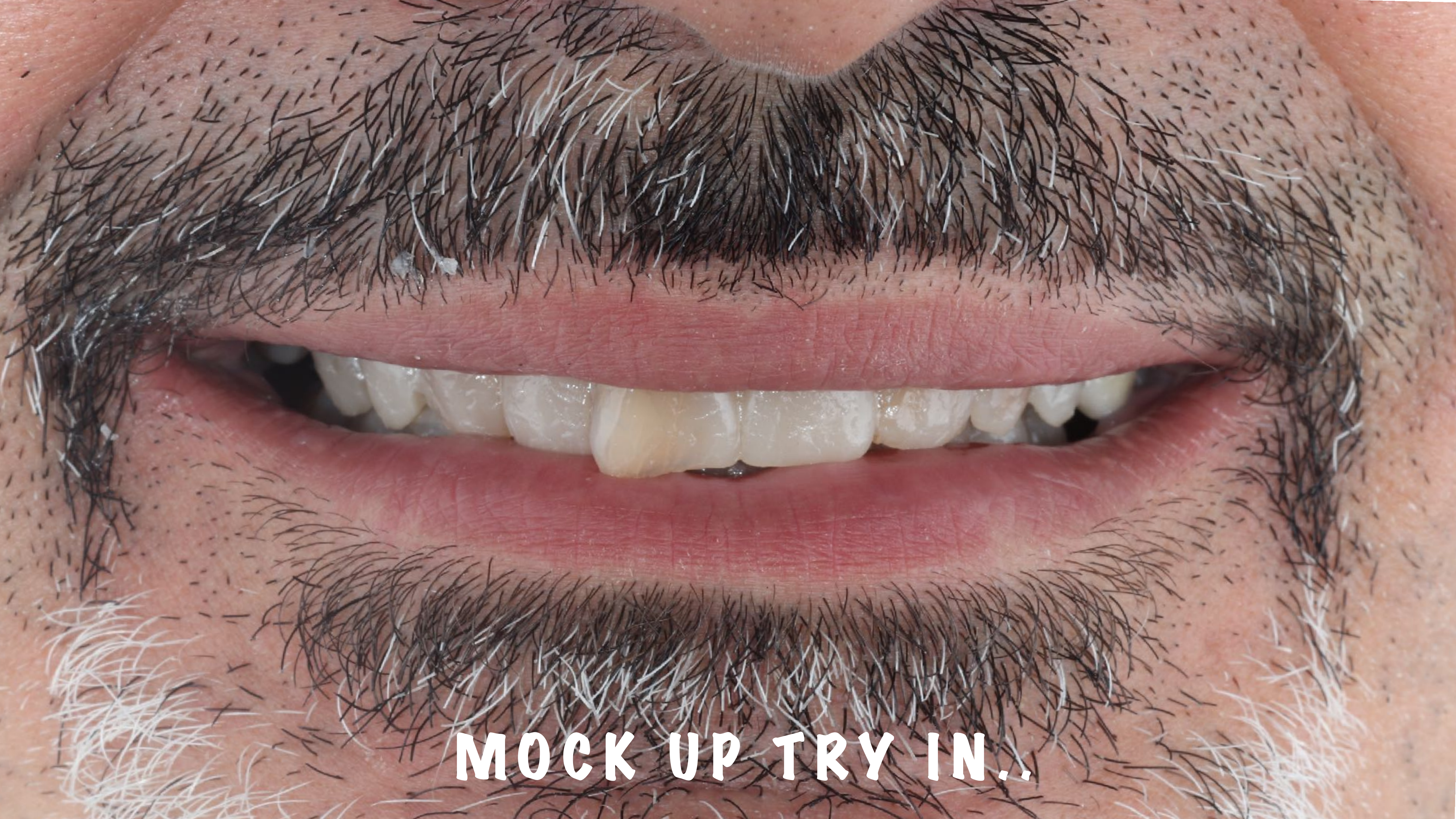
Brush size (SHIFT + mouse wheel) <>

Type:

Cut all intersections

Undo Redo

Back Next



MOCK UP TRY IN..

MOCK UP TRY IN..





MOCK UP TRY IN..





READY FOR TEMP. BONDING..















THE CASE AFTER 2 MONTHS...



READY FOR IMP..

FINAL FULL ANATOMY..



THE LOWER READY FOR SCANNING..



FINAL FULL ANATOMY..





THE IRAQI STYLE



M O H A M M E D T A L A L

THE IRAQI STYLE



M O H A M M E D T A L I A L

THE IRAQI STYLE



Mohammed T. Talal



M O H A M E D T A L A L

THE IRAQI STYLE



Mohamed Talal





M O H A M M E D T A L A L



THE IRAQI STYLE



M O H A M M E D T A L A L

THE IRAQI STYLE



Mohamed Talal







FUNCTIONAL AND ESTHETIC REHAB.

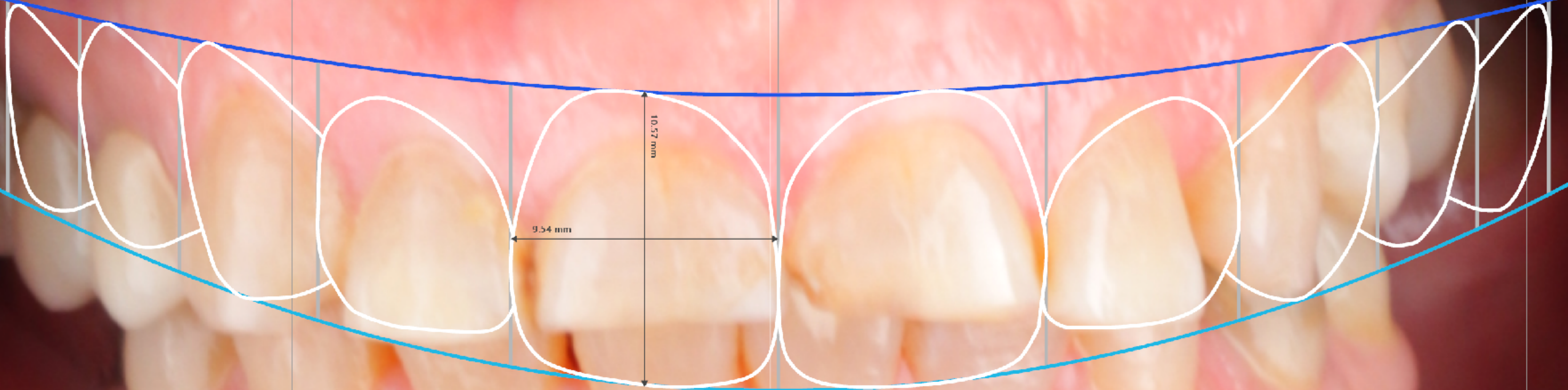


BEFORE...



BEFORE..

DSD PLANNING..



READY FOR SCANNING..







ND
1

ND
2

ND
3

ND
4

ND
5

SIX MONTHS FOLLOW UP.





SIX MONTHS FOLLOW UP.













DR. MOHAMMED TALAL



