

Smile Design Overview: 2D

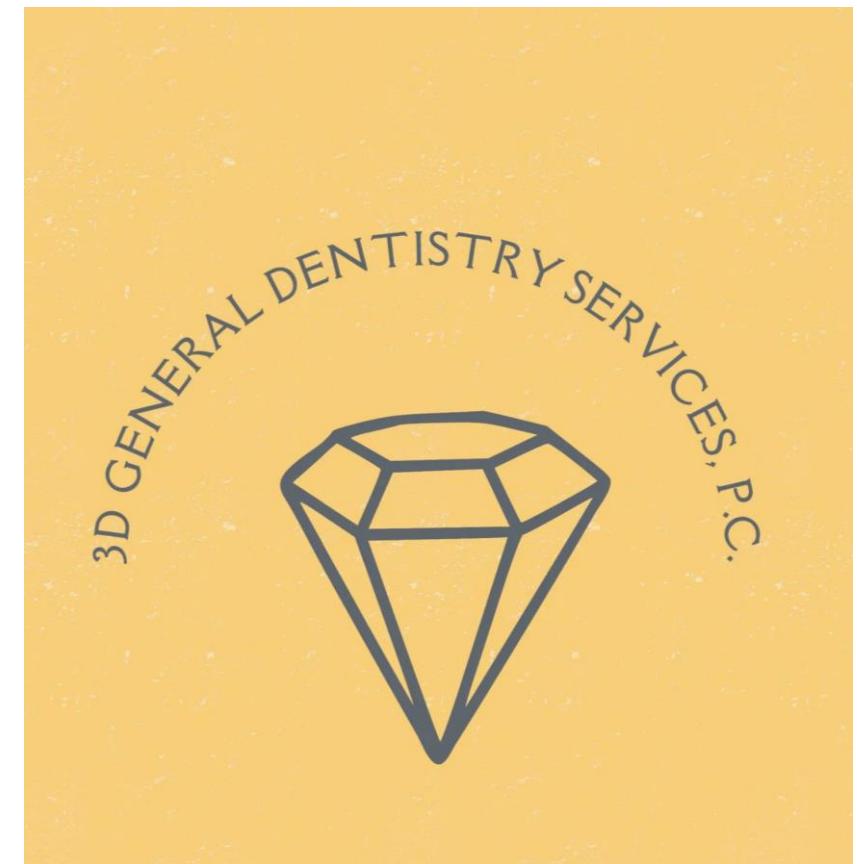
ALDA District 3 CE

September 19, 2025

Dothan, AL

Barry E. Goodspeed, DDS

3D General Dentistry Services, P.C.



Disclosure

NO CONFLICT OF INTEREST:

Neither 3D General Dentistry Services, P.C., nor Barry E. Goodspeed, DDS have a personal interest or financial investment in any company or product included in this presentation.

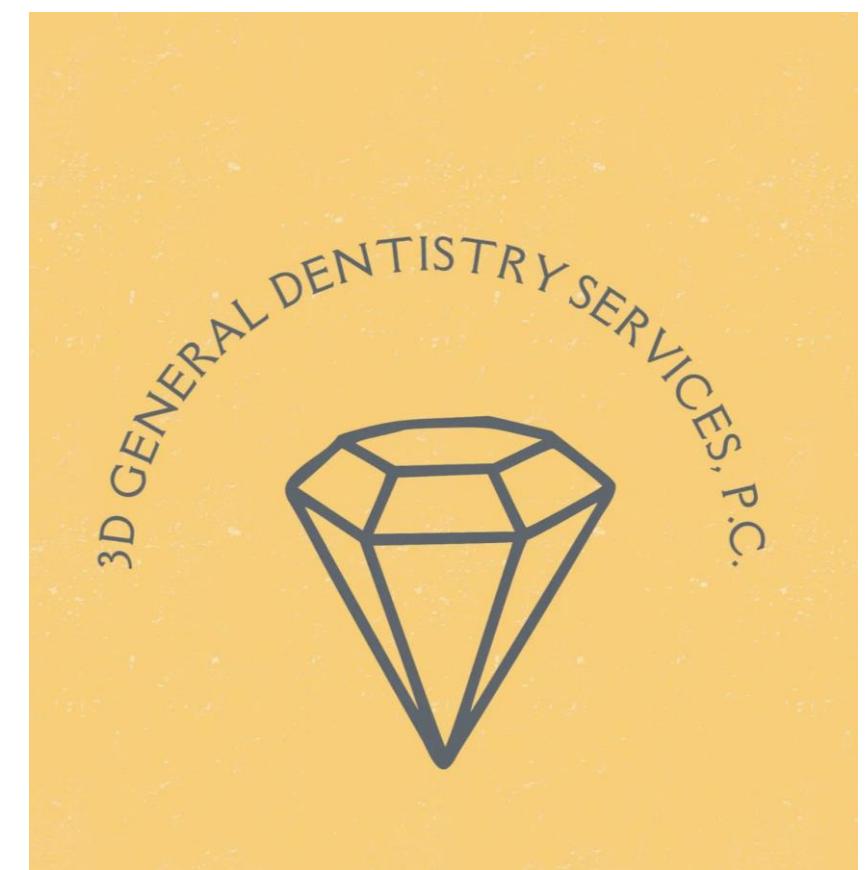
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OTHER

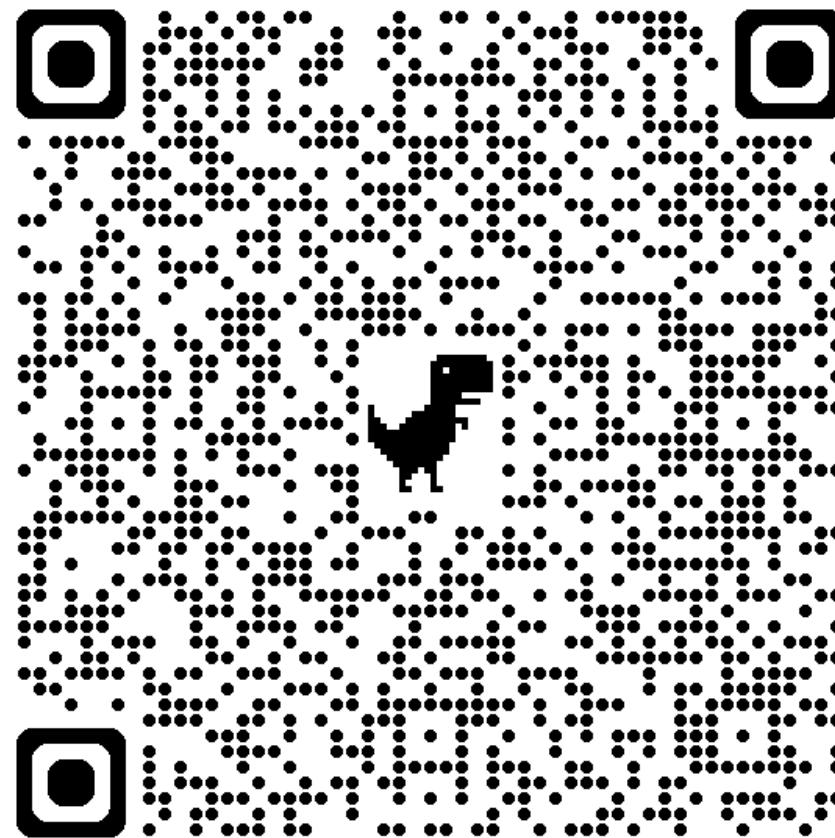
ALDA District 3 is providing an honorarium for Dr. Barry Goodspeed's presentations.

Quick Poll

1. Digital Scanner offices?
2. Digital Printer offices?
3. CEREC offices?



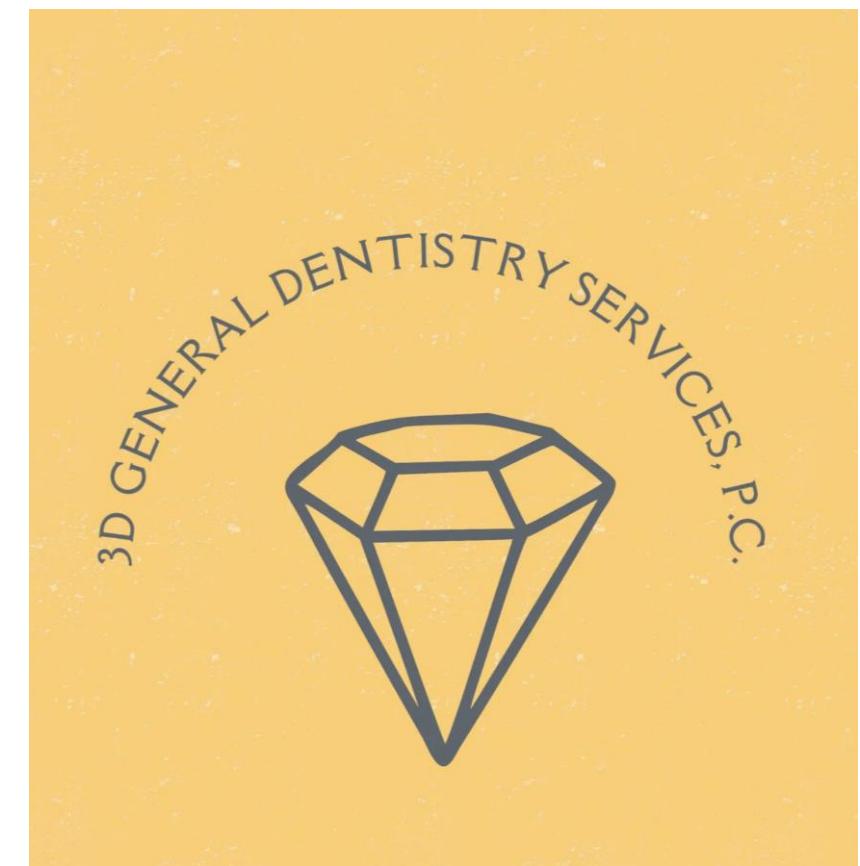
Resources



Smile Design: 2D Overview

Educational Objectives:

1. Understand records necessary for a **“Facially Generated Treatment Plan.”**
2. Understand **Old School** 2-Dimensional Smile Design methods.
3. Review details and see examples of a **New Digital 2D Smile Design Options.**
4. Understand that this 2D Smile Design is a step prior to **3D Smile Design** accomplished with software options such as CEREC and CEREC inLab 22.



Special Credits and Acknowledgements

Dr. Nate Lawson	Karla Wright	CDOCS
Dr. Augusto Robles	Markettea Reed	Dentsply Sirona inLab 22
Dr. Chin-Chuan Fu	James Bradley	Medit Smile Design
Dr. Dan Givan	Nellie Baghaei	Trios Scanners
Jahnvi	Lauren Brashear	3Shape Smile Design
	Kaytlyn Carlson	
	Brandon Englert	
	Brandon Hardy	
	Josh Huff	
	Henry Kendrick	
	Andrew Lisy	
	Bobby Patel	
	Turner Shirley	
	Brooklyn Williamson	

*Records Summary for a
“Facially Generated Treatment Plan”* (ref. #9, Spear)

Panorex

FMX



Records Summary for a “Facially Generated Treatment Plan”

Photo Set 8 (ref. #3)

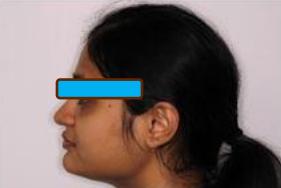
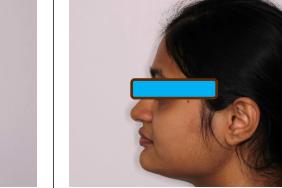
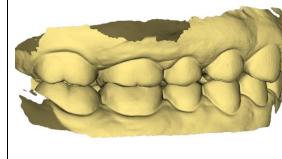
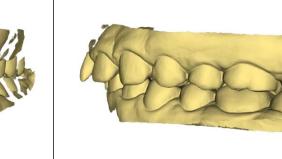
	PHOTO SET 8 Orthodontic/Esthetic Evaluation		UAB SOD Esthetics Club
EO Frontal Repose	EO Frontal Full Smile	EO Profile	
			
IO Retracted Occlusal Maxillary		IO Retracted Occlusal Mandibular	
	Doctor: UAB SOD Esthetics Club Patient: Jahnvi DOB/Age Date: November 3, 2023		
IO Retracted Closeup Buccal Right	IO Retracted Closeup Anterior	IO Retracted Closeup Buccal Left	
			

Photo Set 8. Alternative

	PHOTO SET 8 Orthodontic/Esthetic Evaluation		UAB SOD Esthetics Club
EO Frontal Repose	EO Frontal Full Smile	EO Profile	
			
IO Retracted Occlusal Maxillary		IO Retracted Occlusal Mandibular	
	Doctor: UAB SOD Esthetics Club Patient: Jahnvi DOB/Age Date: November 3, 2023		
IO Retracted Closeup Buccal Right	IO Retracted Closeup Anterior	IO Retracted Closeup Buccal Left	
			

Records Summary for a “Facially Generated Treatment Plan”

Mirrored Photographs...

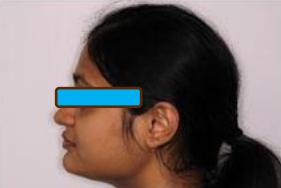


Must be Edited. Flipped Horizontal

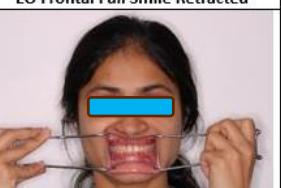


Records Summary for a “Facially Generated Treatment Plan”

Photo Set 8

	PHOTO SET 8 Orthodontic/Esthetic Evaluation		UAB SOD Esthetics Club
EO Frontal Repose	EO Frontal Full Smile	EO Profile	
			
IO Retracted Occlusal Maxillary		IO Retracted Occlusal Mandibular	
	Doctor: UAB SOD Esthetics Club Patient: Jahnvi DOB/Age Date: November 3, 2023		
IO Retracted Closeup Buccal Right	IO Retracted Closeup Anterior	IO Retracted Closeup Buccal Left	
			

3:1 Photoset (ref. #1b, CDOCS)

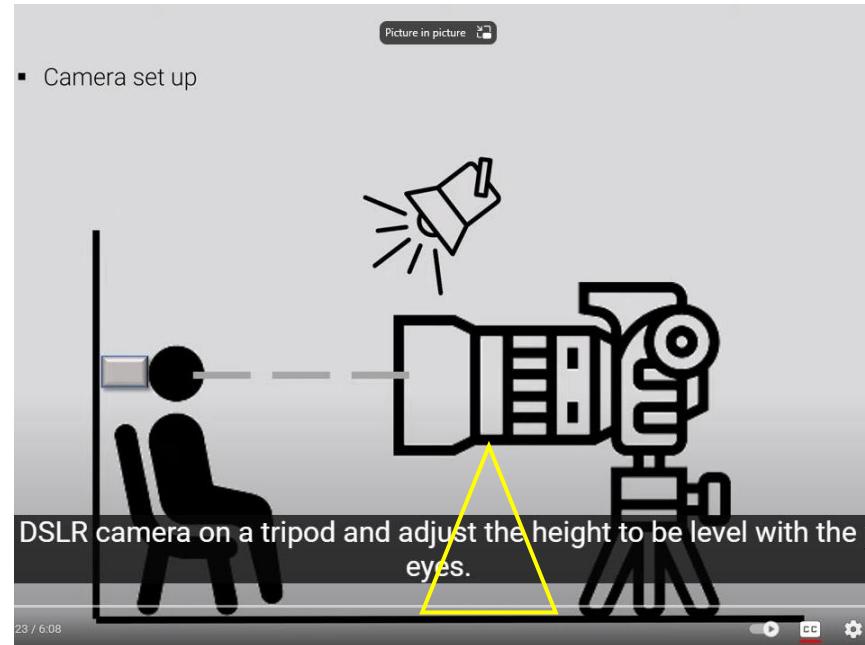
	3:1 SMILE DESIGN PHOTOS	UAB SOD Esthetics Club
EO Frontal Relaxed Incisal Display	EO Frontal Full Smile	EO Frontal Full Smile Retracted
		
IO Retracted Occlusal Maxillary		IO Retracted Occlusal Mandibular
	Doctor: UAB SOD Esthetics Club Patient: Jahnvi DOB/Age Date: 11/03/2023	
IO Retracted Closeup Relaxed Inc Dis	IO Retracted Closeup Other	IO Retracted Closeup Anterior
		

Records Summary for a “Facially Generated Treatment Plan”

3:1 Photos How to Do:

- Camera set on Tripod
- Camera on Portrait Settings
- Patient Seated on Stool if possible
- Cardboard Box placed Behind patient's head
- Patient Eyes and Camera Parallel to Horizon (no tilting)
- Camera Perpendicular to Mid-Center-Face (nose)

3:1 Photos How to Do (ref. #7)

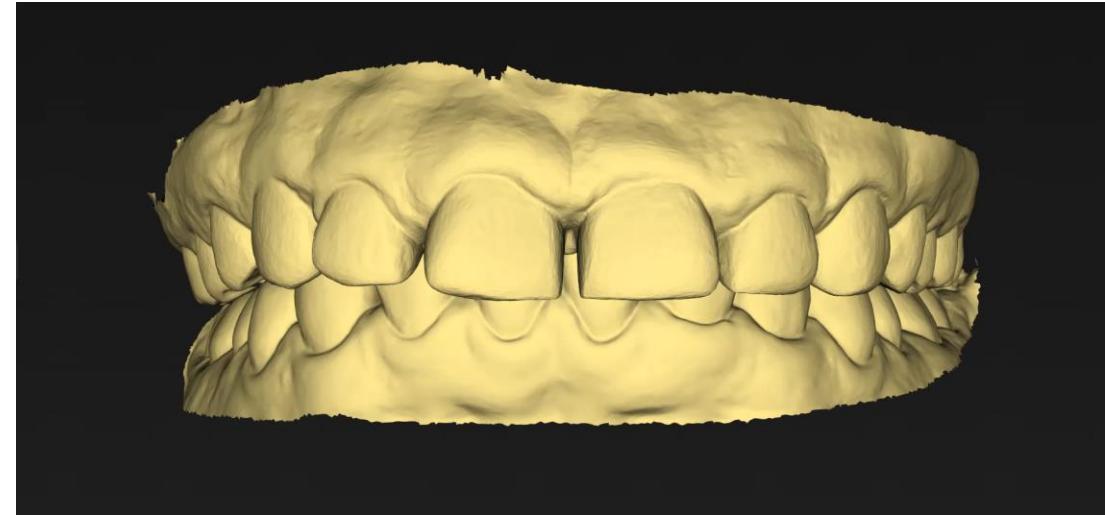
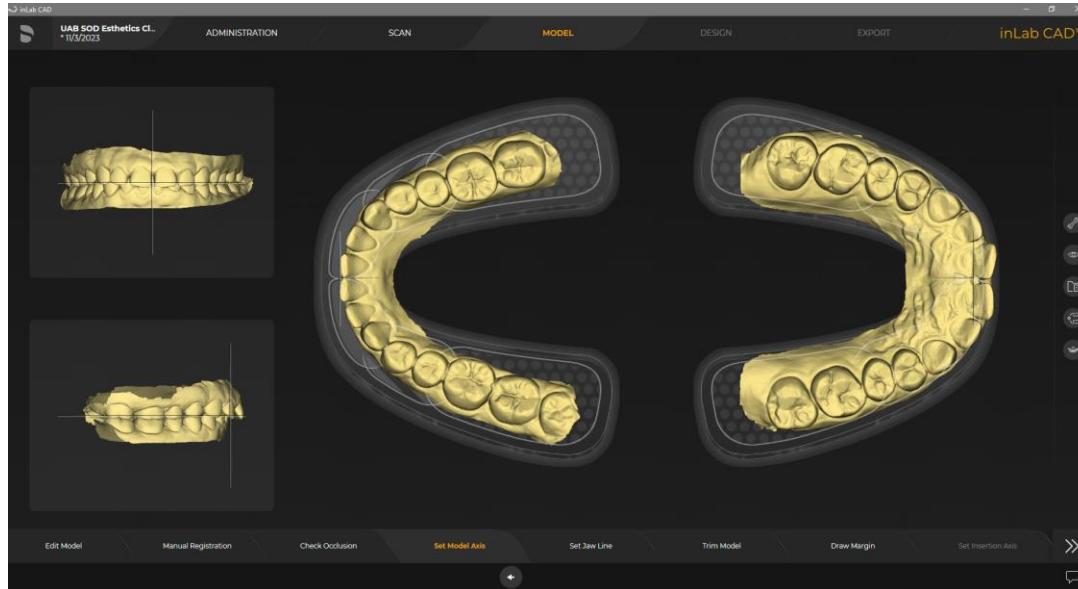


Medit You Tube link: <https://www.youtube.com/watch?v=u89Sobp0hM4>

Records Summary for a “Facially Generated Treatment Plan”

Digital Scan with Accurate
Model Axis* recorded

Immediate Digital Models are so
convenient! (see video below:)



Records Summary for a “Facially Generated Treatment Plan”

Digital Scan with Accurate
Model Axis* recorded



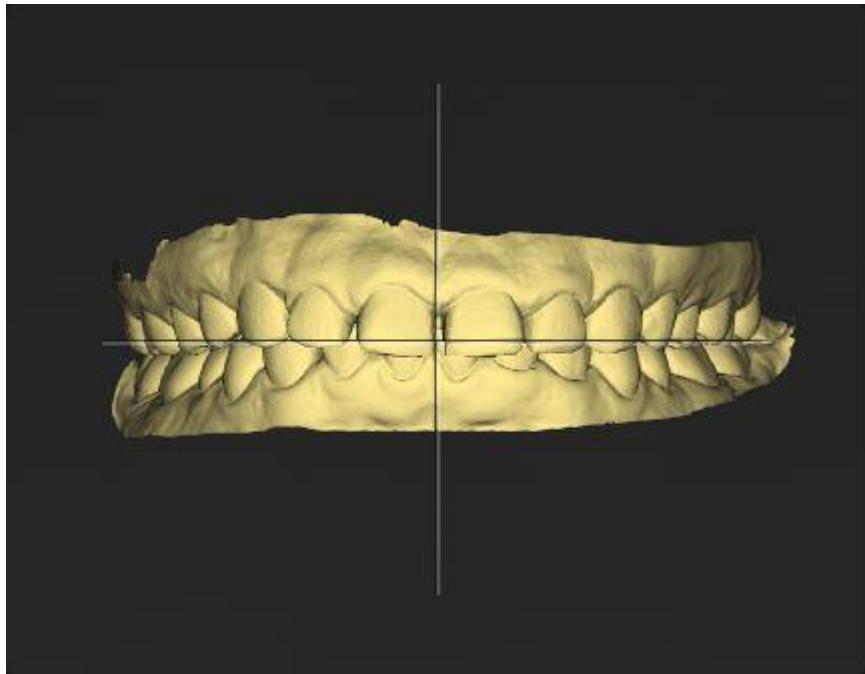
Alternative Alginates with Accurate
Facebow* Mounting



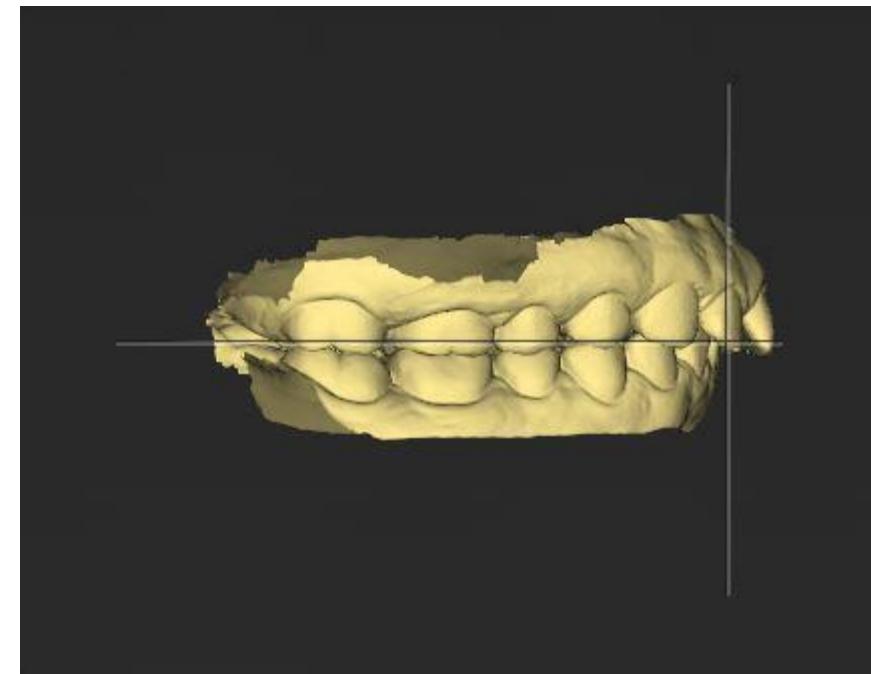
Quickmount FaceBow With Screw, Model 8645
Whip-Mix Corporation
Patterson Item #: 727-6959
Mfg Item #: 15911

Records Summary for a “Facially Generated Treatment Plan”

Curve of Wilson



Curve of Spee



Records Summary for a “Facially Generated Treatment Plan”

Orthodontic/Esthetic Exam (ref. #2)

Orthodontic/Esthetic Consultation Sheet			
UAB School of Dentistry Esthetics Club			
Patient Name		Date: November3, 2023	Phone #:
Email		Age/DOB	26
Chief Concern(s):	Gaps, Diastema	Teeth are too small	Muscles tired
Doctor Concerns:	Max Incisor lingual attrition	Altered Passive Eruption	Rotations
Other	Deep Bite		
Occlusion	MAXILLARY		
	Midline	Crowding	1 mm Right
Class I, II R	Spacing	#5-11	Low Anteriors
CB CO	Crossbite	none	none
Overbite	Cant	none	none
Over Jet	Rotations	#7, 8, 9	
Perio Stage, Grade	TMJ	MANDIBULAR	
2, B	Movement, DOO	Present Shade D2-3	D2-3
Lateral Canthi Distance	90 mm	Incisal Display	Tooth #/mm): (70.5, 8(1), 9(1.5), 10(1)
Other	H x W Central		#8 HxW = 6.3 x7.3 mm
	Restorative		
ORTHODONTIC		TREATMENT	
Method	SureSmile	Invisalign, Clear Correct	Refer
Limitations	Full Case	Anterior	
Time Estimate		Fee Estimate	
NEXT VISIT	Comp Exam	Perio Exam	Px
Ortho Records:	IO Scan	CBCT Panx FMX	
Photographic Records:	Photo Set 8 up	3:1 (Smile, Retracted, Lips at Rest)	
Reviewed: Initial, Date			
IPR	To create space, teeth may need to be slenderized.		
Attachments	Tooth colored bonding may be placed on teeth to move selected teeth more readily.		
OA	Teeth may need to be adjusted before, during, &/or after treatment to make bite line up just right.		
Retainers	Will be worn to keep orthodontic treatment completed to prevent relapse and to protect your investment.		
Refinement	At end of orthodontic treatment, Dr. or patient may request an additional set of trays to obtain a more optimum result; We often see about 90% of orthodontic treatment programmed result.		
22 hrs/Day	Trays must be worn 22 hours (all the time except eating then brushing and flossing teeth) every day for treatment to be successful. Only water can be consumed with trays in place.		

Perio Chart

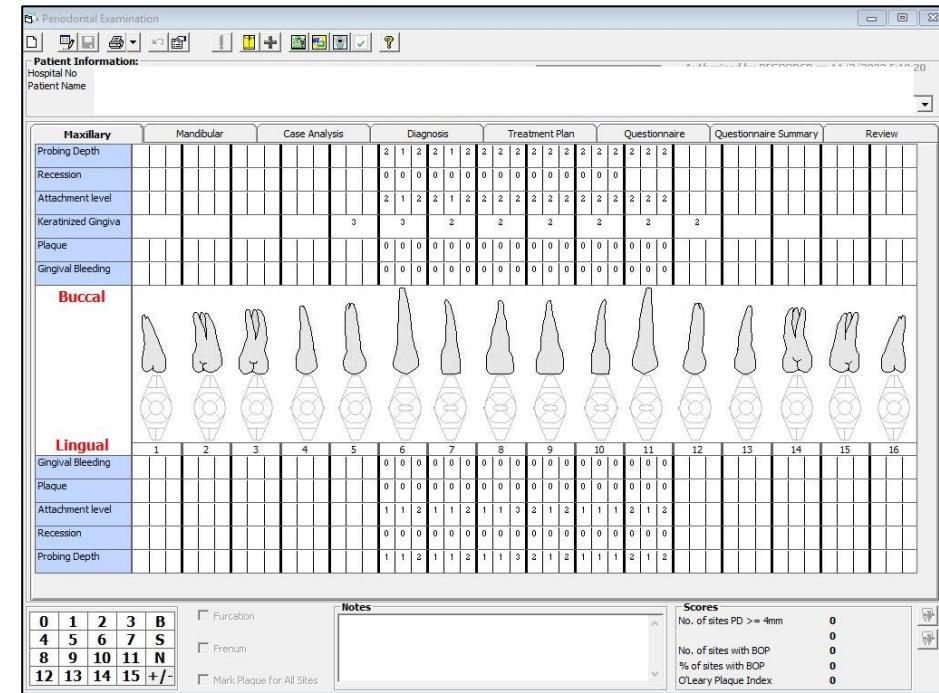




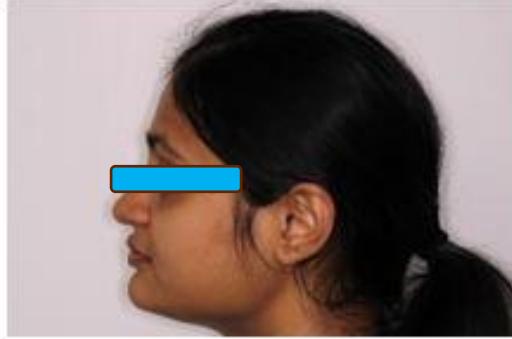
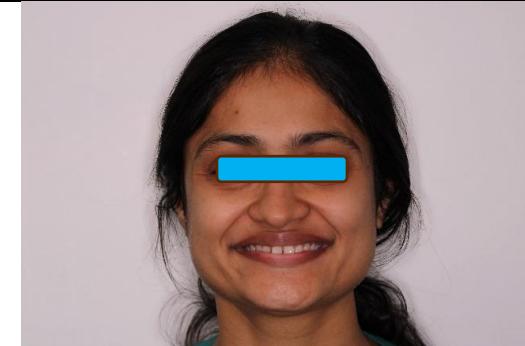
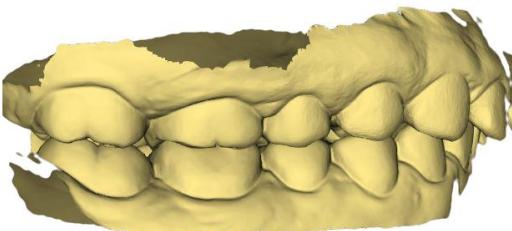
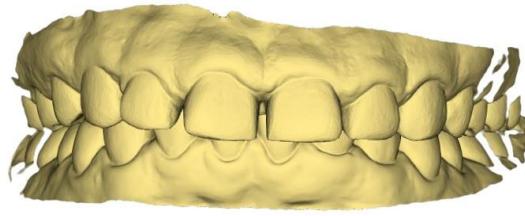
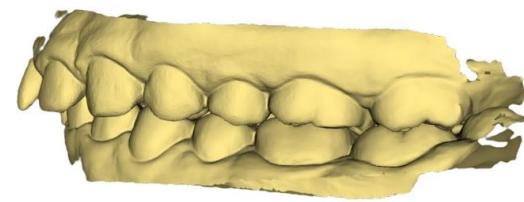
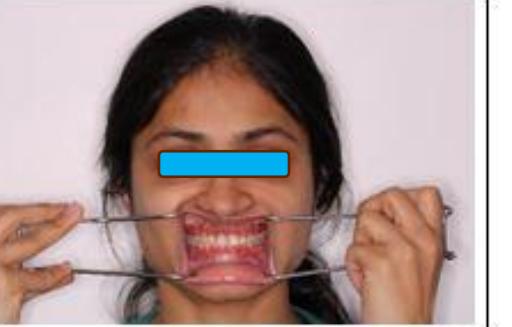
	PHOTO SET 8 Orthodontic/Esthetic Evaluation	UAB SOD Esthetics Club
EO Frontal Repose	EO Frontal Full Smile	EO Profile
		
IO Retracted Occlusal Maxillary		IO Retracted Occlusal Mandibular
	<p>Doctor: UAB SOD Esthetics Club Patient: Jahnvi DOB/Age: Date: November 3, 2023</p>	
IO Retracted Closeup Buccal Right	IO Retracted Closeup Anterior	IO Retracted Closeup Buccal Left
		

		PHOTO SET 8 Orthodontic/Esthetic Evaluation	UAB SOD Esthetics Club
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IO Retracted Closeup Buccal Right	IO Retracted Closeup Anterior	IO Retracted Closeup Buccal Left	
			

+

	3:1 SMILE DESIGN PHOTOS	UAB SOD Esthetics Club
EO Frontal Relaxed Incisal Display	EO Frontal Full Smile	EO Frontal Full Smile Retracted
		
IO Retracted Occlusal Maxillary	Doctor: UAB SOD Esthetics Club Patient: Jahnvi DOB/Age: Date: 11/03/2023	IO Retracted Occlusal Mandibular
		
IO Retracted Closeup Relaxed Inc Dis	IO Retracted Closeup Other	IO Retracted Closeup Anterior
		

□

Periodontal Examination

Hospital No
Patient Name

Authorised by **RECORDED on 11/2/2009 6:10:50**

Maxillary	Mandibular	Case Analysis	Diagnosis	Treatment Plan	Questionnaire	Questionnaire Summary	Review
Probing Depth			2 1 2 2 1 2 2 2 2 2 2 2 2 2 2 2				
Recession			0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				
Attachment level			2 1 2 2 1 2 2 2 2 2 2 2 2 2 2 2				
Keratinized Gingiva		3	3	2	2	2	2
Plaque			0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				
Gingival Bleeding			0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				
Buccal							
Lingual		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16					
Gingival Bleeding			0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				
Plaque			0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				
Attachment level			1 1 2 1 1 2 1 1 3 2 1 2 1 1 1 2 1 2				
Recession			0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				
Probing Depth			1 1 2 1 1 2 1 1 3 2 1 2 1 1 1 2 1 2				

0	1	2	3	B
4	5	6	7	S
8	9	10	11	N
12	13	14	15	+-

Furcation
 Frenum
 Mark Plaque For All Sites

Notes

Scores	
No. of sites PD >= 4mm	0
No. of sites with BOP	0
% of sites with BOP	0
O'Leary Plaque Index	0

Orthodontic/Esthetic Consultation Sheet
UAB School of Dentistry Esthetics Club

Patient Name			
Email			
Chief Concern(s):	Gaps, Diastemata	Teeth are too small	Muscles tired
Doctor Concerns:	Max Incisor lingual attrition	Altered Passive Eruption	Rotations
Other	Deep Bite		

			MAXILLARY	MANDIBULAR
Occlusion		Midline	#8 M is on	1 mm Right
Class	I L, II R	Crowding	none	none
CR CO	~	Spacing	#5-11	Lower Anteriors
Overbite	3.5 mm	Crossbite	none	none
Over Jet	4.5 mm	Cant	none	none
Perio Stage, Grade	2, B	Rotations	#7, 8, 9	
TMJ	Movement, DOO	Whitening	Present Shade D2-3	D2-3
Lateral Canthi Distance	90 mm	Incisal Display	Tooth # (mm): 7(0.5), 8(1), 9(1.5), 10(1)	Negative 2-3 mm
Other		H x W Central	#8 HxW = 6.3 x 7.3 mm	
		Restorative		

ORTHODONTIC	TREATMENT		
Method	SureSmile	Invisalign, Clear Correct	Refer
Limitations	Full Case	Anterior	
Time Estimate		Fee Estimate	
NEXT VISIT	Comp Exam	Perio Exam	Px
Ortho Records:	IO Scan	CBCT Panx FMX	
Photographic Records:	Photo Set 8 up	3:1 (Smile, Retracted, Lips at Rest)	

Reviewed: Initial, Date		
	IPR	To create space, teeth may need to be slenderized.
	Attachments	Tooth colored bonding may be placed on teeth to move selected teeth more readily.
	OA	Teeth may need to be adjusted before, during, &/or after treatment to make bite line up just right.
	Retainers	Will need to be worn indefinitely when treatment is completed to prevent relapse and to protect your investment.
	Refinement	At end of initial treatment Dr. or patient may request an additional set of trays to obtain a more optimum result; We often see about 90% of anticipated/programmed result.
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Orthodontic/Esthetic Exam

Orthodontic/Esthetic Consultation Sheet *UAB School of Dentistry Esthetics Club*



Patient Name		Date: November 3, 2023	Phone #:
Email		Age/DOB	
Chief Concern(s):	Gaps, Diastemata	Teeth are too small	Muscles tired
Doctor Concerns:	Max Incisor lingual attrition	Altered Passive Eruption	Rotations
Other	Deep Bite		

Orthodontic/Esthetic Exam



			MAXILLARY	MANDIBULAR
Occlusion		Midline	#8 M is on	1 mm Right
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TMJ	Movement, DOO	Whitening	Present Shade D2-3	D2-3
Lateral Canthi Distance	90 mm	Incisal Display	Tooth #(mm): 7(0.5), 8(1), 9(1.5), 10(1)	Negative 2-3 mm
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		Restorative		

Orthodontic/Esthetic Exam

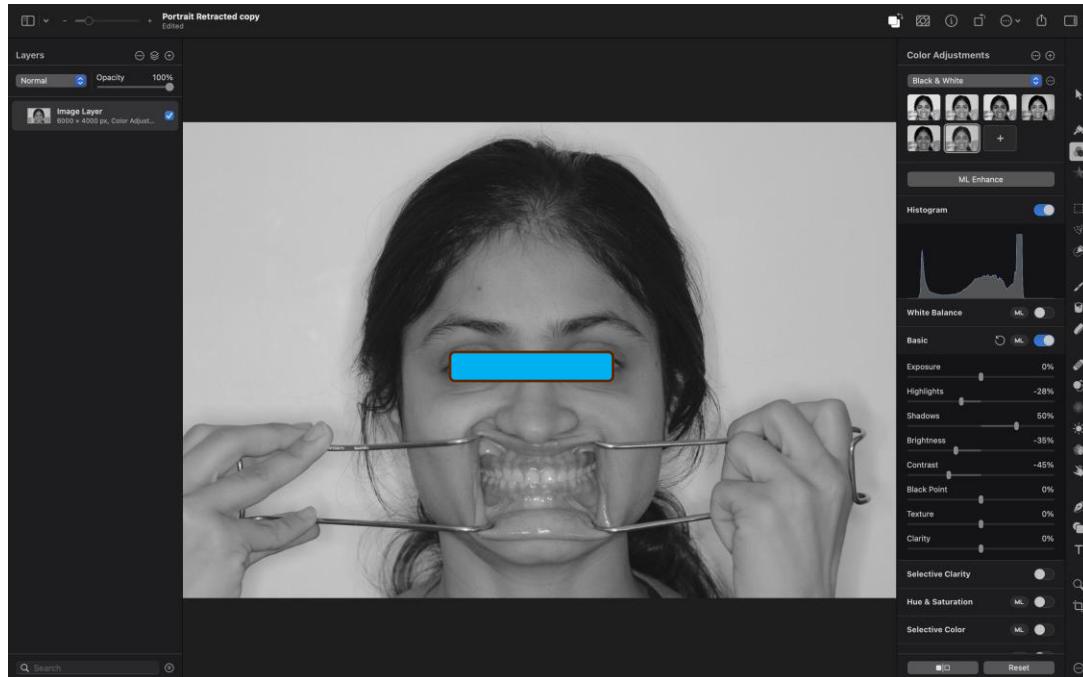
ORTHODONTIC	TREATMENT		
Method	SureSmile	Invisalign, Clear Correct	Refer
Limitations	Full Case	Anterior	
Time Estimate		Fee Estimate	
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Orthodontic/Esthetic Exam

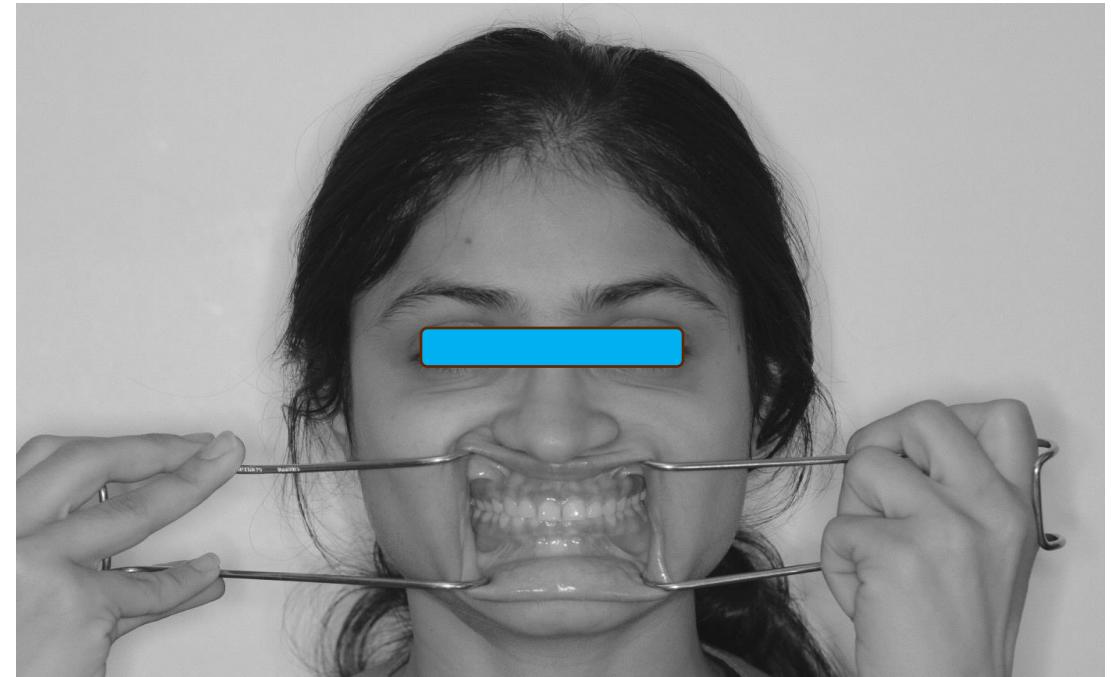
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Old School Paper Design

B+W to print

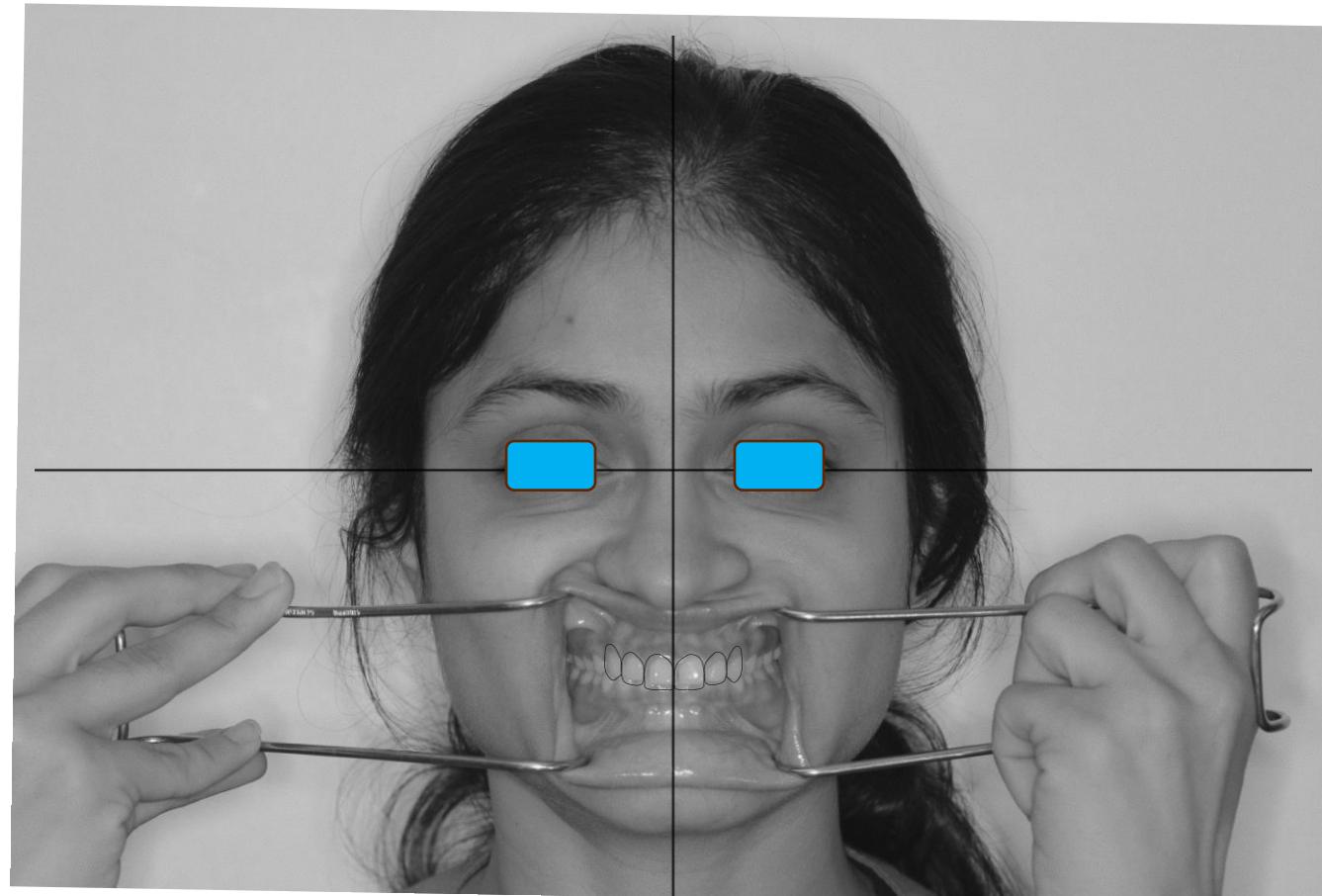


B+W to Sketch

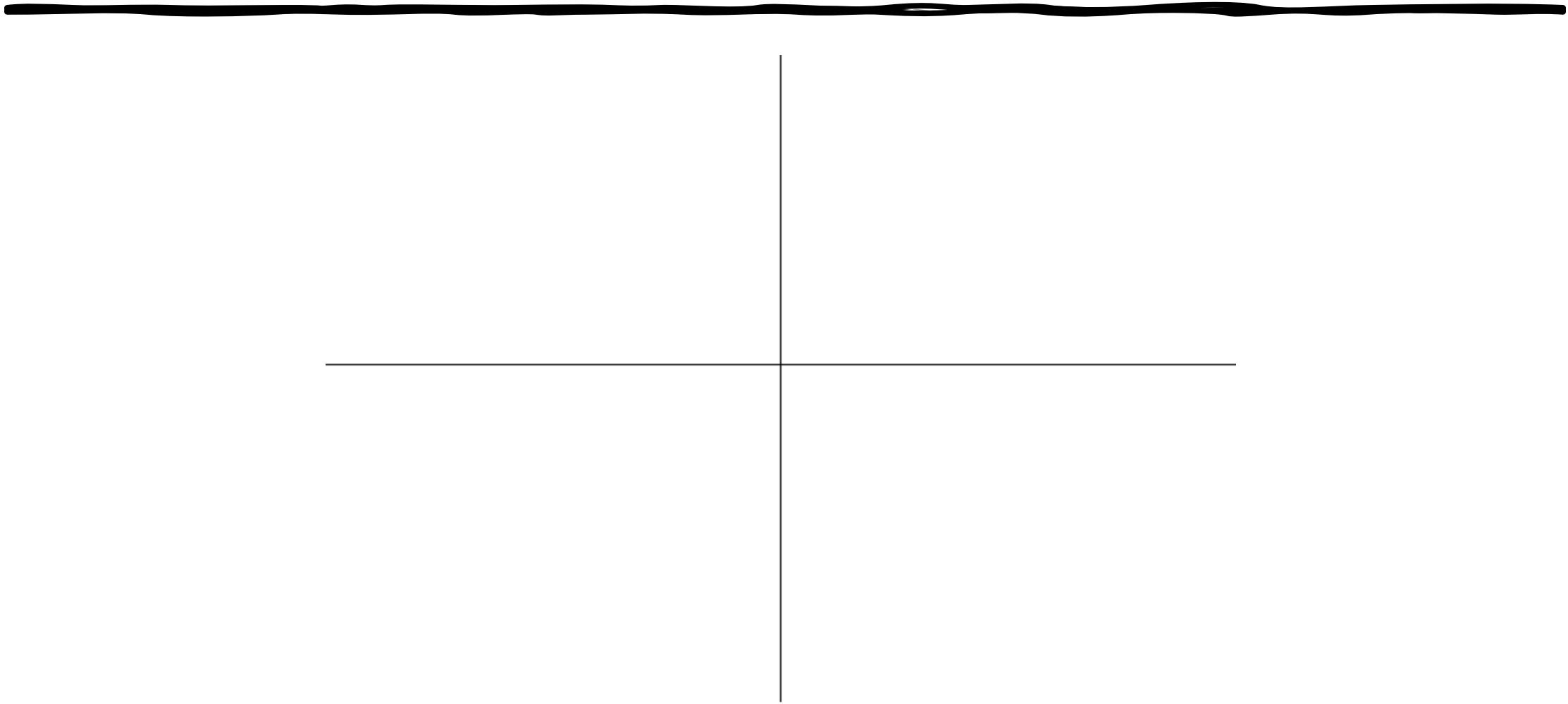


MAC Pixelmator Pro, Color Adjustments (3 overlaying circles), Black and White, select best option to print.

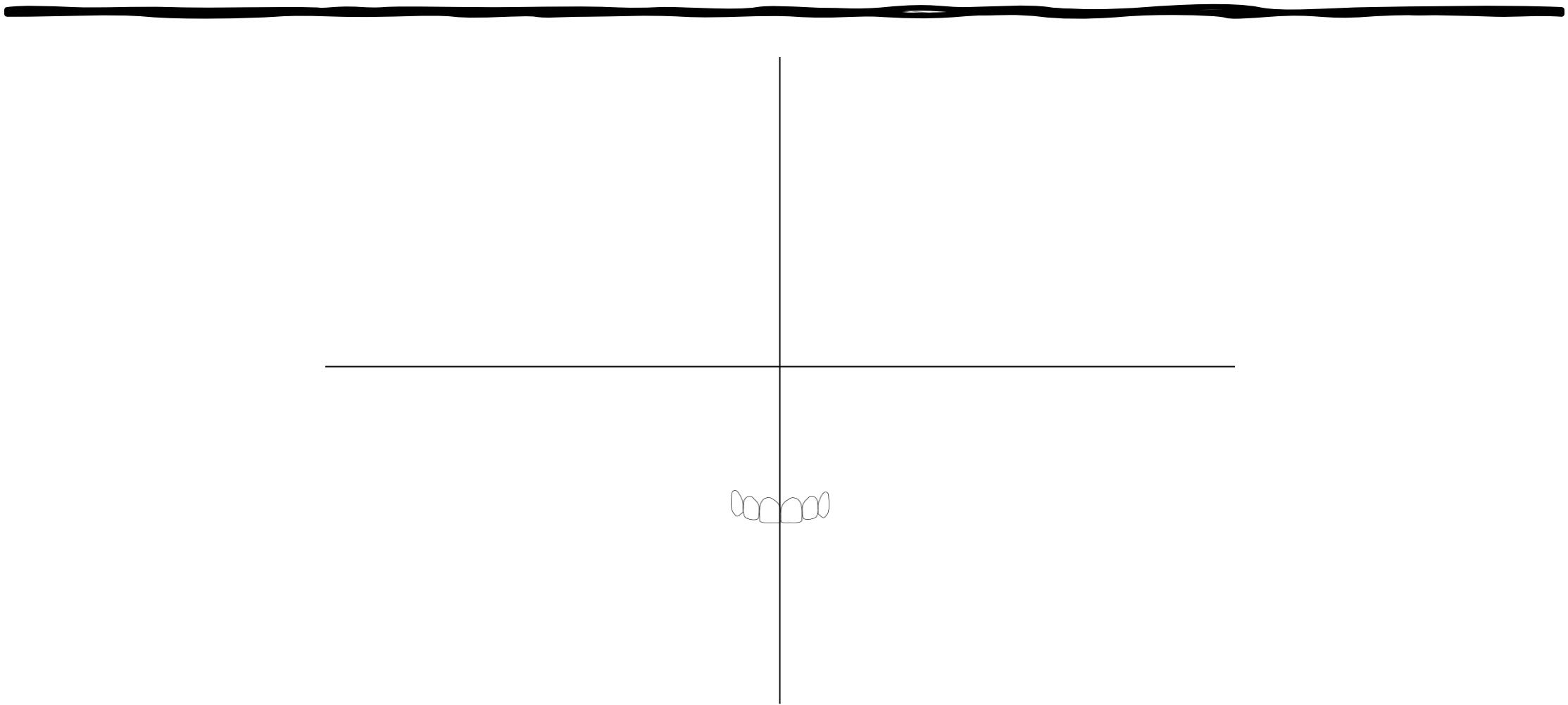
Old School Design + Spear Templates (ref. #1b, 10)



Old School Design + Spear Templates

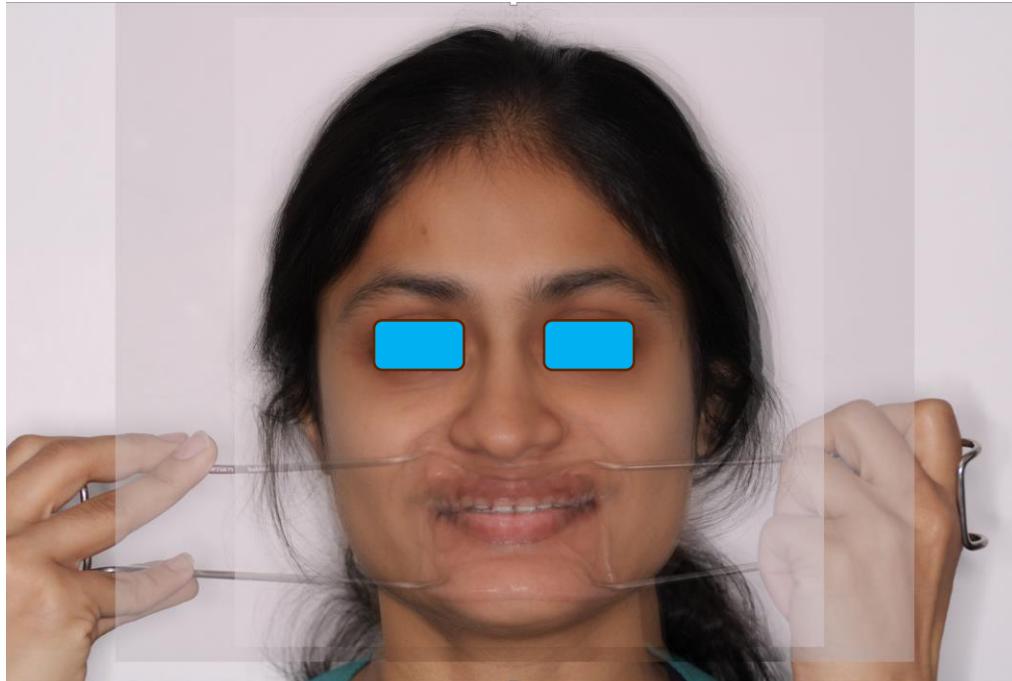


Old School Design + Spear Templates

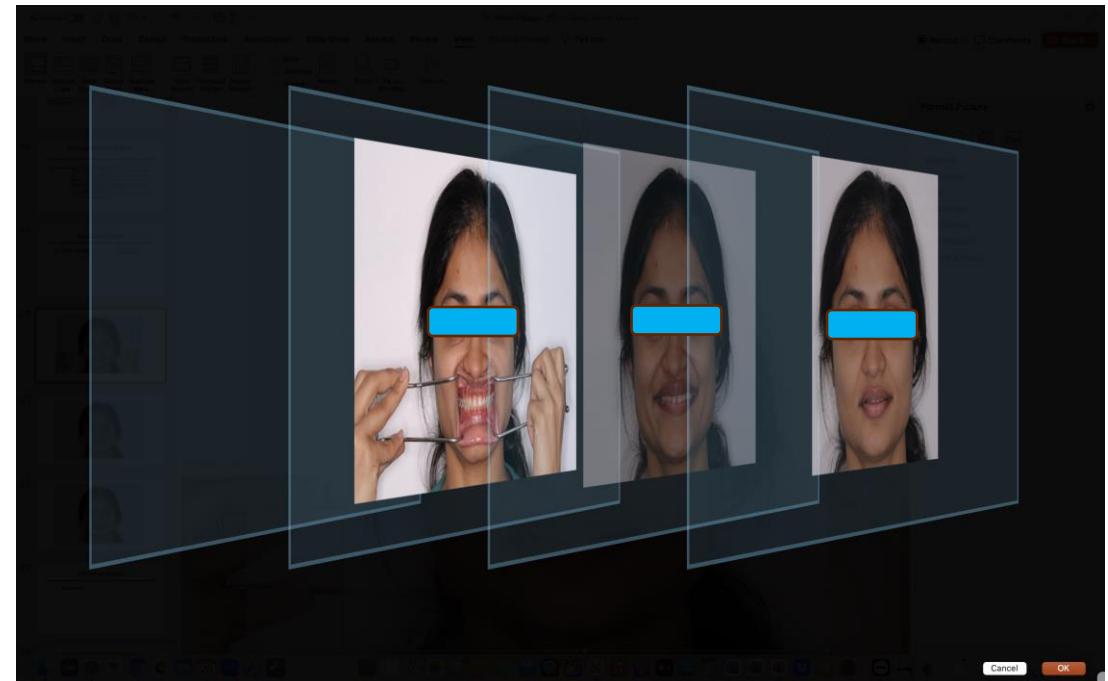


Old School Design. Powerpoint Layered Photos

3:1 Photo Merge (ref. #1b)

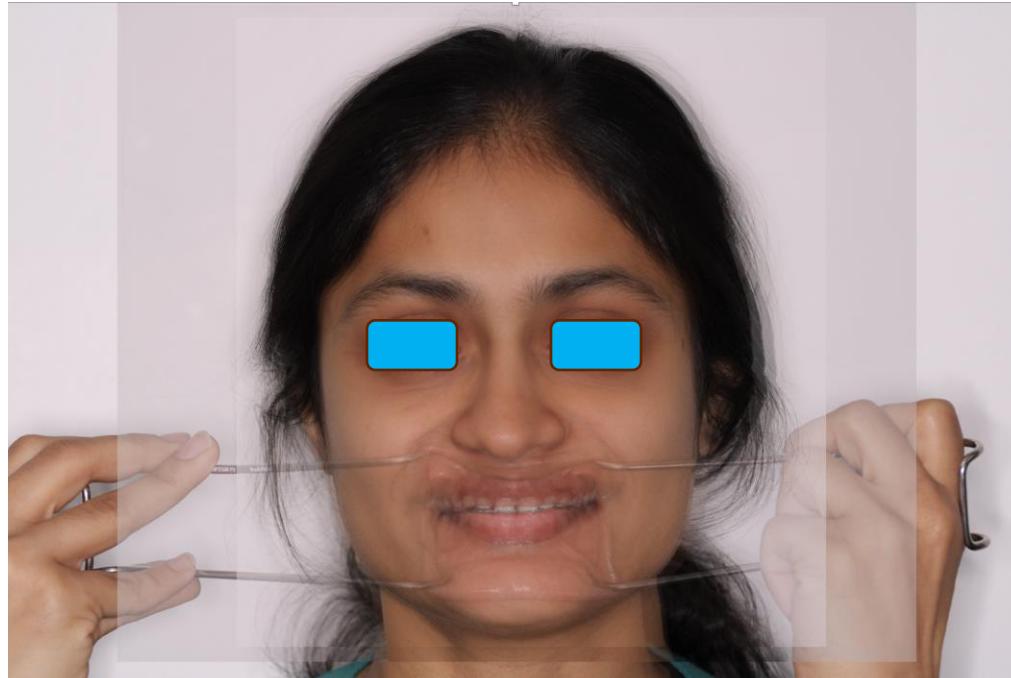


**3 Portraits Back to Front:
Retracted, Full Smile, Relaxed**

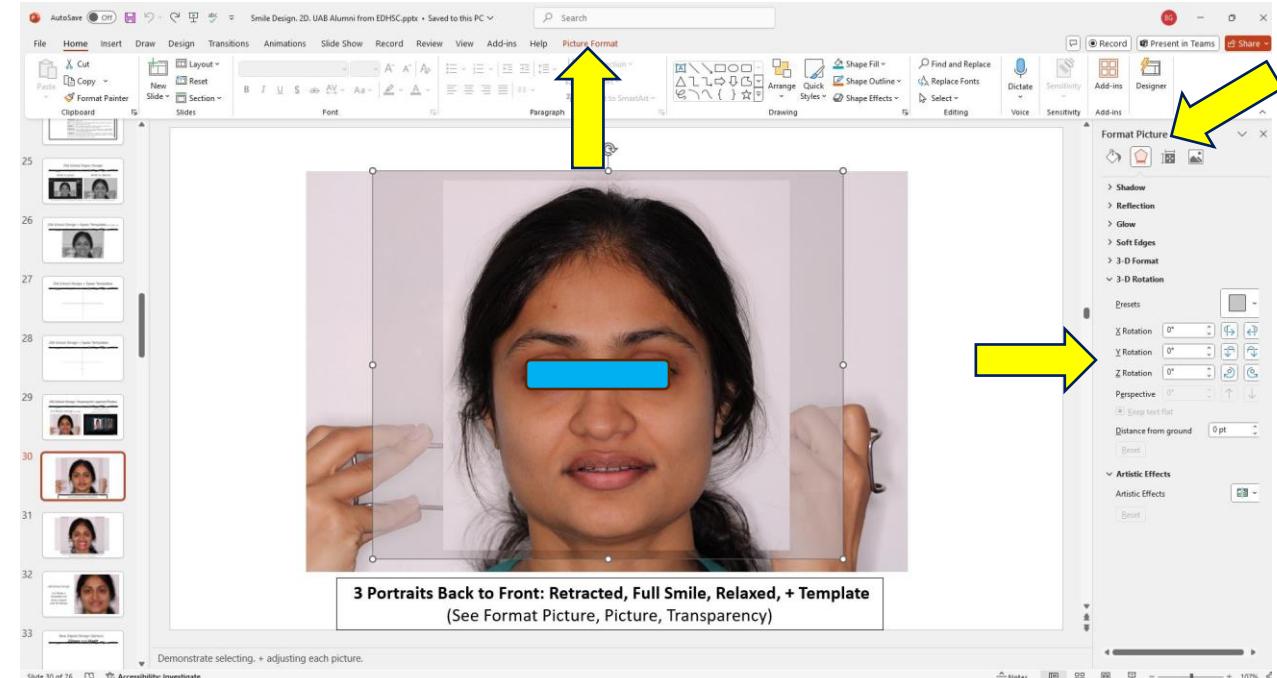


Old School Design. Powerpoint Layered Photos

3:1 Photo Merge (ref. #1b)

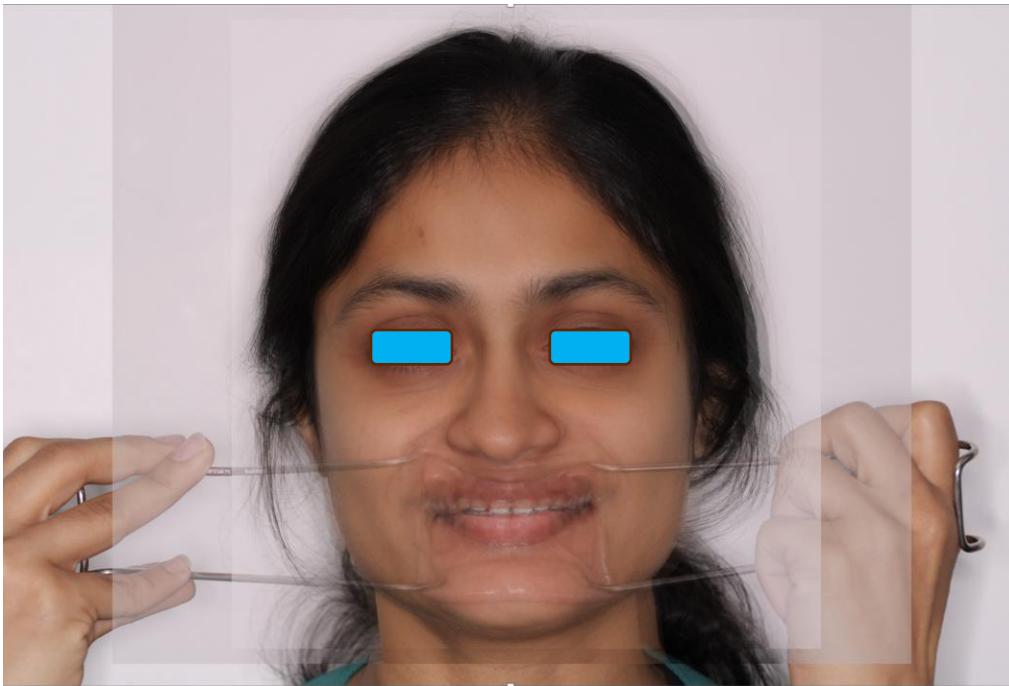


3 Portraits: Retracted, Full Smile, Relaxed.
Align and Rotate as needed
(Much easier when 3:1 photos taken perfectly!)



Old School Design. Powerpoint Layered Photos

3:1 Photo Merge (ref. #1b)



**3 Portraits Back to Front:
Retracted, Full Smile, Relaxed.
Powerpoint: moving objects instructions**

Move an object to the back or front

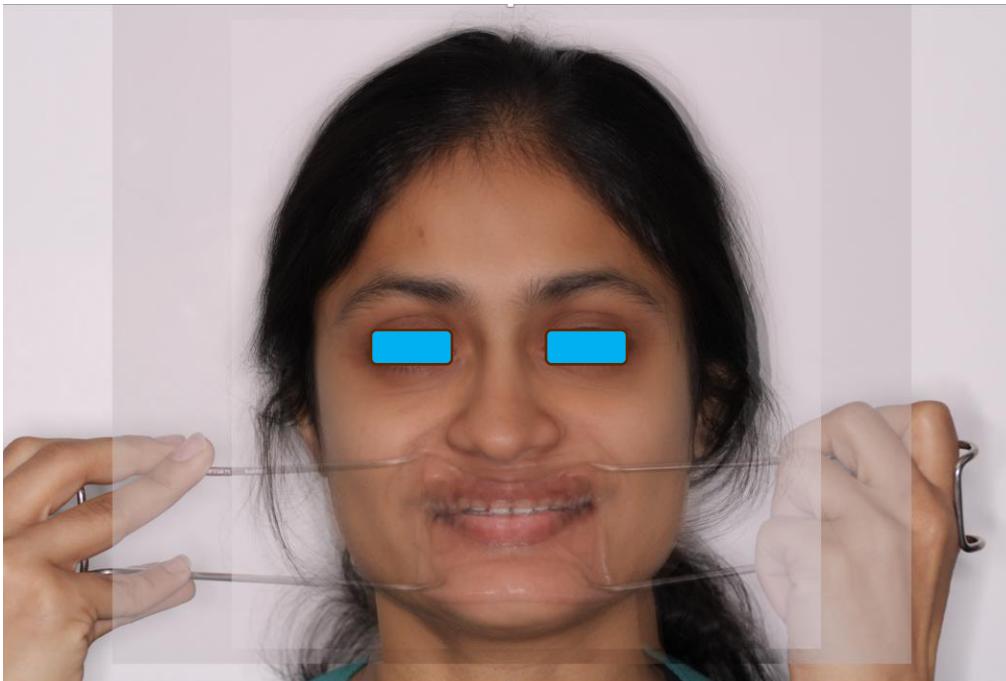
1. Select the object.
2. Right-click and select an option:
 - **Bring to Front** - to move the object in front of all other objects.
 - **Send to Back** - to move the object behind all other objects.
3. Or, to move an object in-between layers:
 - **Bring to Front > Bring Forward** - to move the object in front of another object.
 - **Send to Back > Send Backward** - to move the object behind, or in back of another object.

Use the Selection Pane to find hidden objects

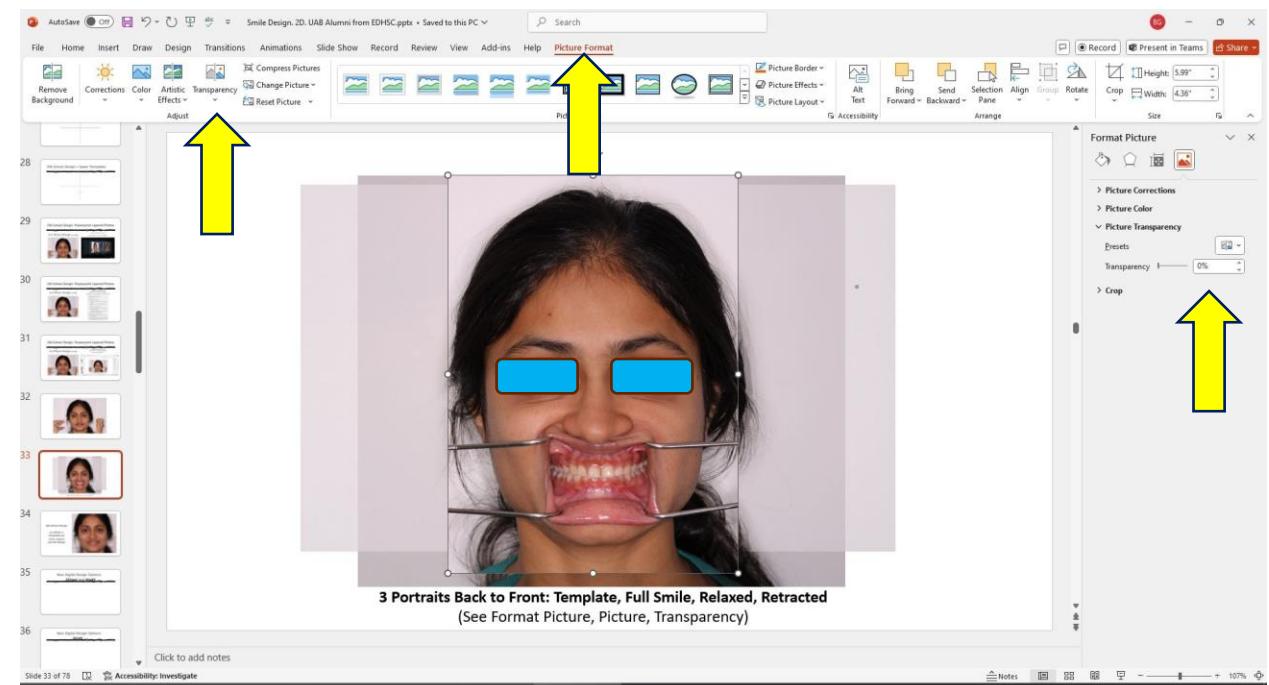
1. If an object is hidden behind other objects, select **Home > Select > Selection Pane**.
2. In the **Selection Pane**, reorder the objects how you want. The front object is listed at the top. You can turn objects off/on by selecting the "open eye" icon or lock them.

Old School Design. Powerpoint Layered Photos

3:1 Photo Merge (ref. #1b)

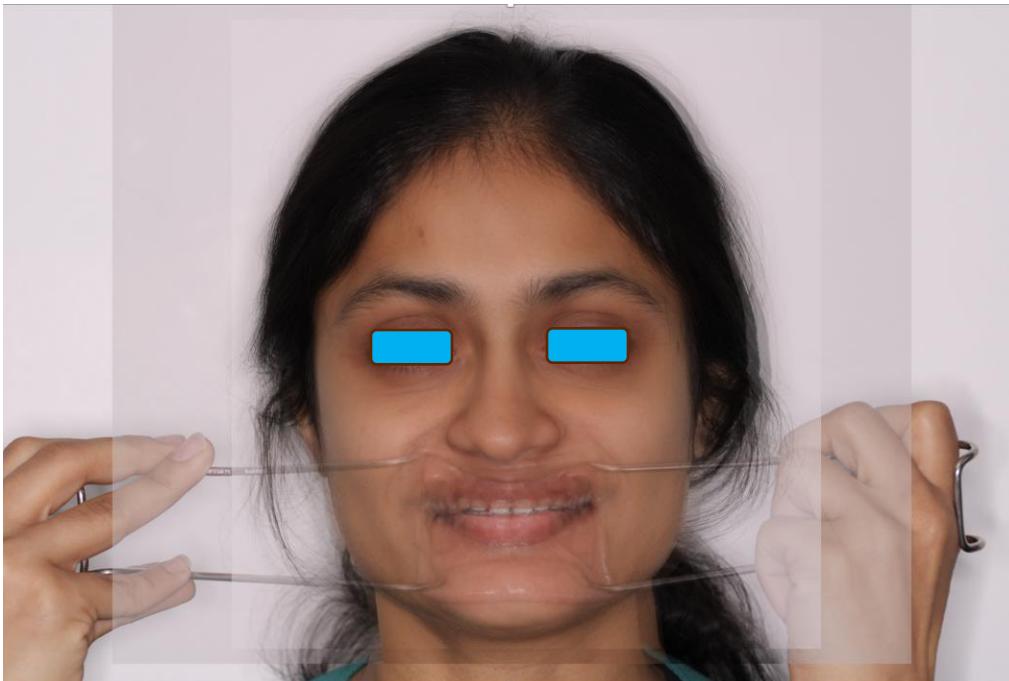


3 Portraits: Retracted, Full Smile, Relaxed.
Set Transparency as needed.



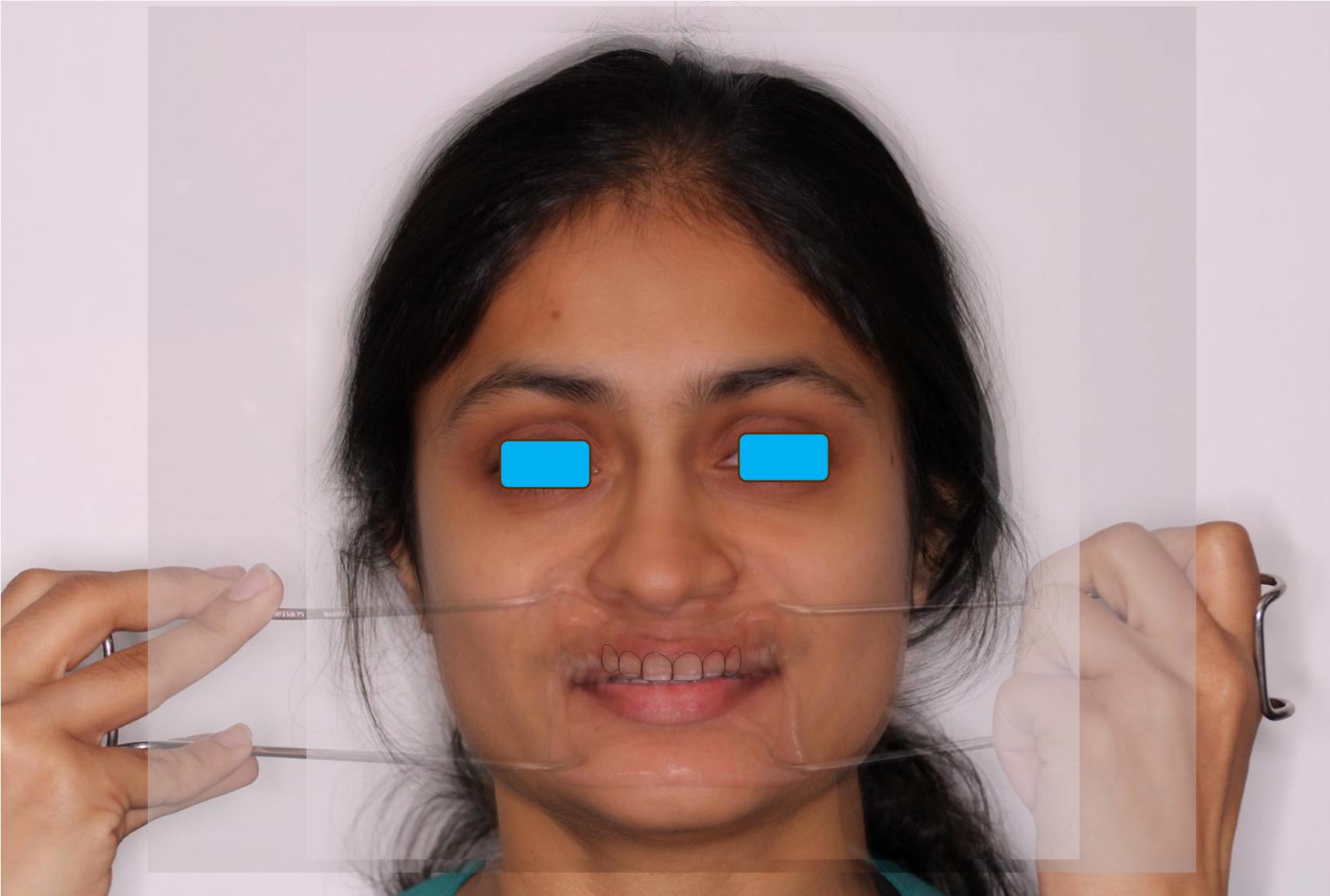
Old School Design. Powerpoint Layered Photos

3:1 Photo Merge (ref. #1b)



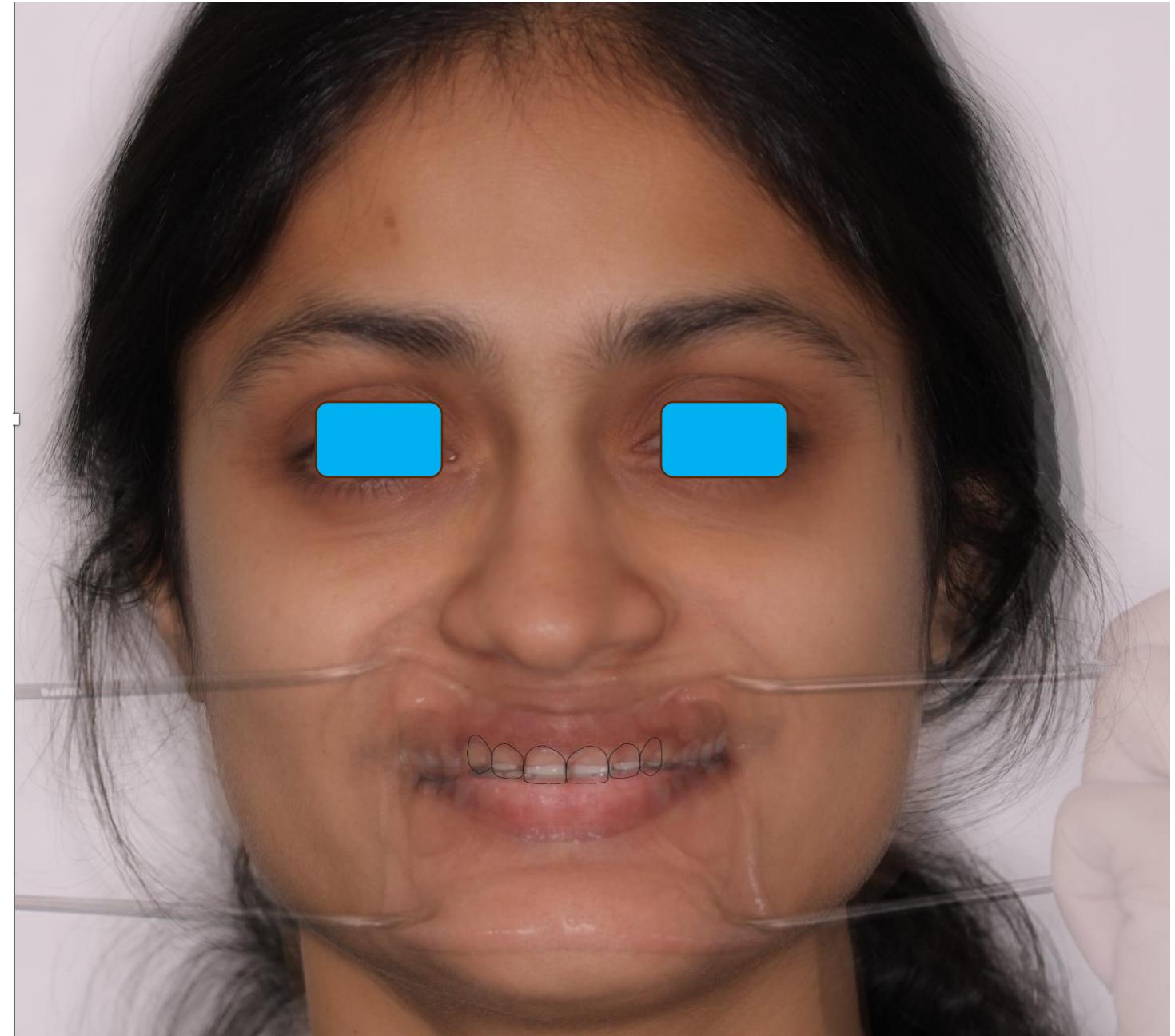
3 Portrait: Retracted, Full Smile, Relaxed.
Arrange Pane. **Select/Toggle Off/On PRN**

A screenshot of Microsoft PowerPoint showing the 'Arrange' pane with three portrait images selected. A yellow arrow points to the 'Select' button in the pane. A callout box at the bottom right says '3 Portraits Back to Front: Retracted, Full Smile, Relaxed, + Template (See Format Picture, Picture, Transparency)'. The slide number is 34 of 80.



3 Portraits Back to Front: Retracted, Full Smile, Relaxed, + Template
(See Format Picture, Picture, Transparency; Selection Panel)

*Old School Design
3:1 Photo + Templates
for
Cerec Import
and 3D Design...
Theoretically!*

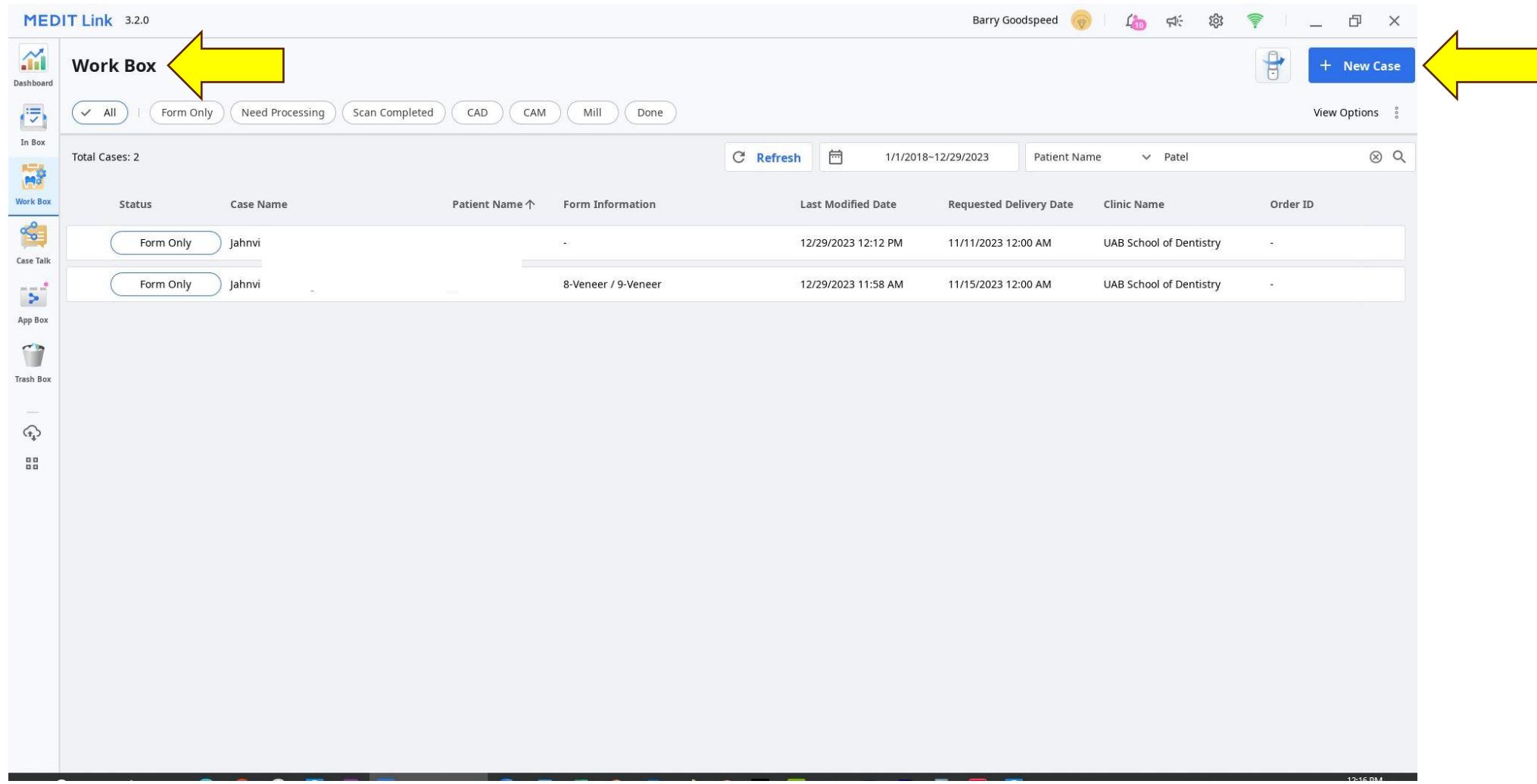


*New Digital Design Options: **3Shape and Medit***

New Digital Design Options:

Medit (ref. #6)

New Digital Design Options: **Medit** (ref. #6)

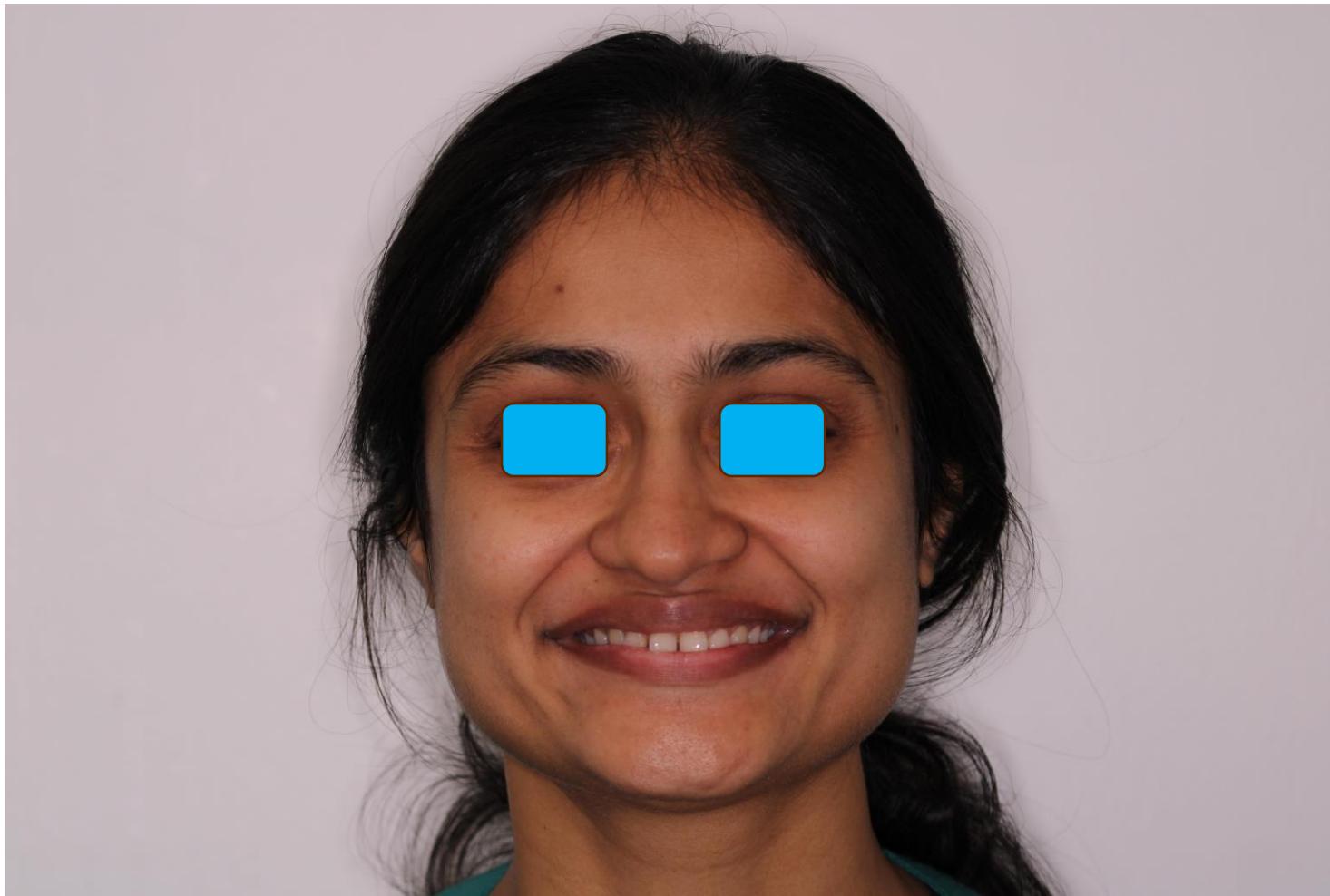


The screenshot shows the MEDIT Link 3.2.0 software interface. On the left, a vertical sidebar lists icons for Dashboard, In Box, Work Box (which is selected and highlighted with a yellow arrow), Case Talk, App Box, and Trash Box. The main workspace is titled 'Work Box' and displays a table of 'Total Cases: 2'. The table columns are: Status, Case Name, Patient Name ↑, Form Information, Last Modified Date, Requested Delivery Date, Clinic Name, and Order ID. The data in the table is as follows:

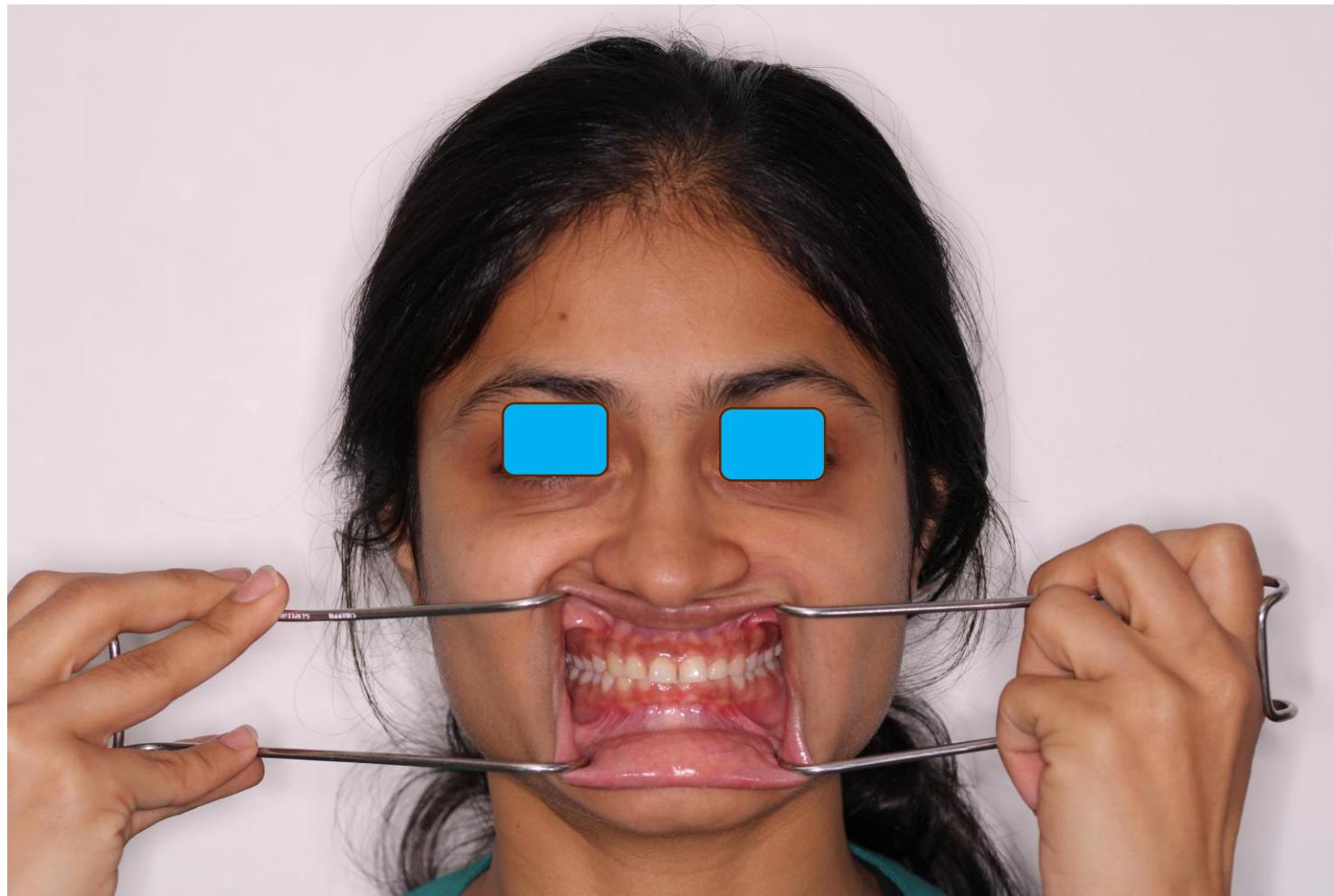
Status	Case Name	Patient Name ↑	Form Information	Last Modified Date	Requested Delivery Date	Clinic Name	Order ID
Form Only	Jahnvi			12/29/2023 12:12 PM	11/11/2023 12:00 AM	UAB School of Dentistry	-
Form Only	Jahnvi		8-Veneer / 9-Veneer	12/29/2023 11:58 AM	11/15/2023 12:00 AM	UAB School of Dentistry	-

At the top right of the interface, there is a user profile for 'Barry Goodspeed' and a toolbar with various icons. A large blue button labeled '+ New Case' is located on the right side of the top toolbar. Two yellow arrows point to the 'Work Box' sidebar icon and the '+ New Case' button.

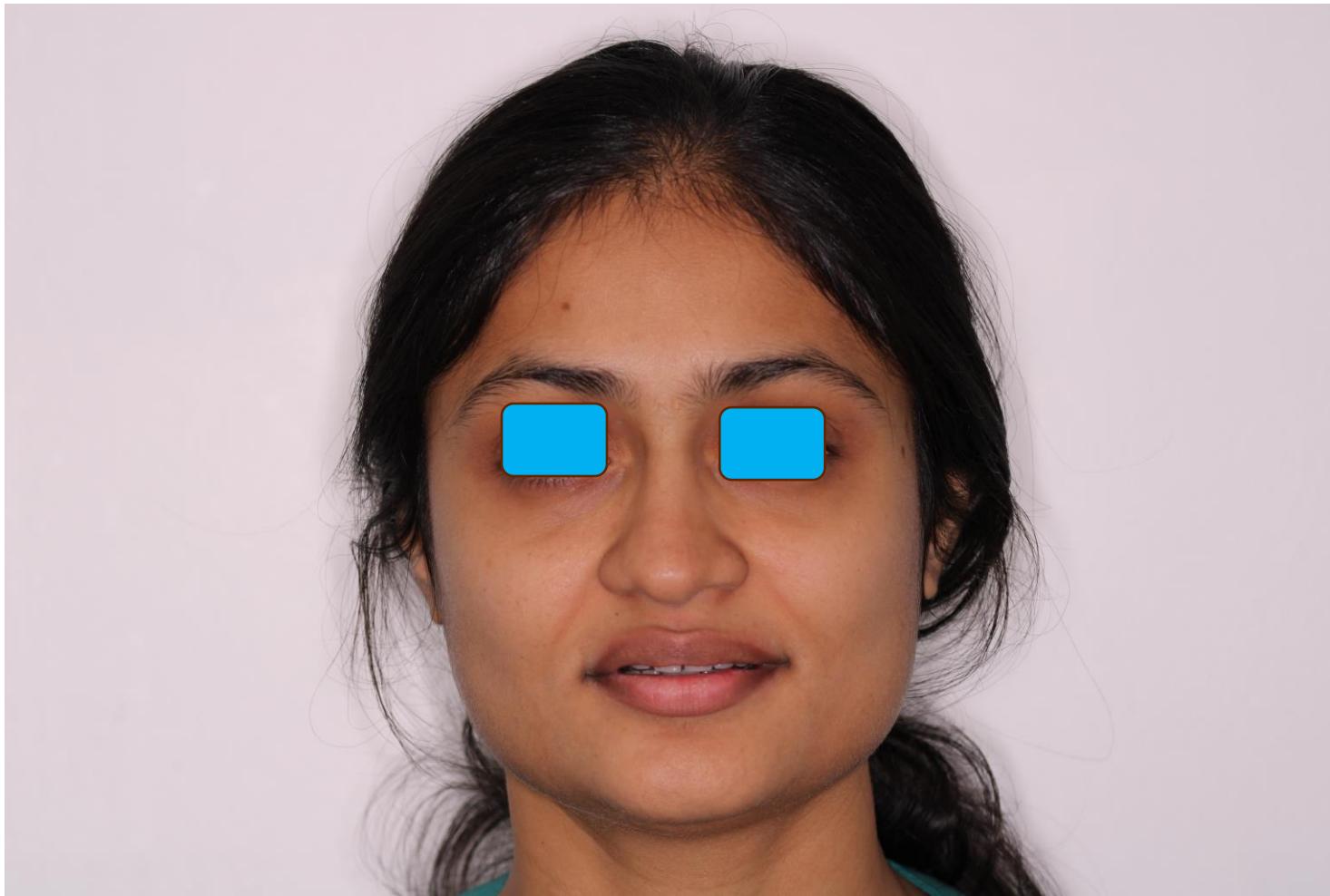
Medit: Import Images. Portrait



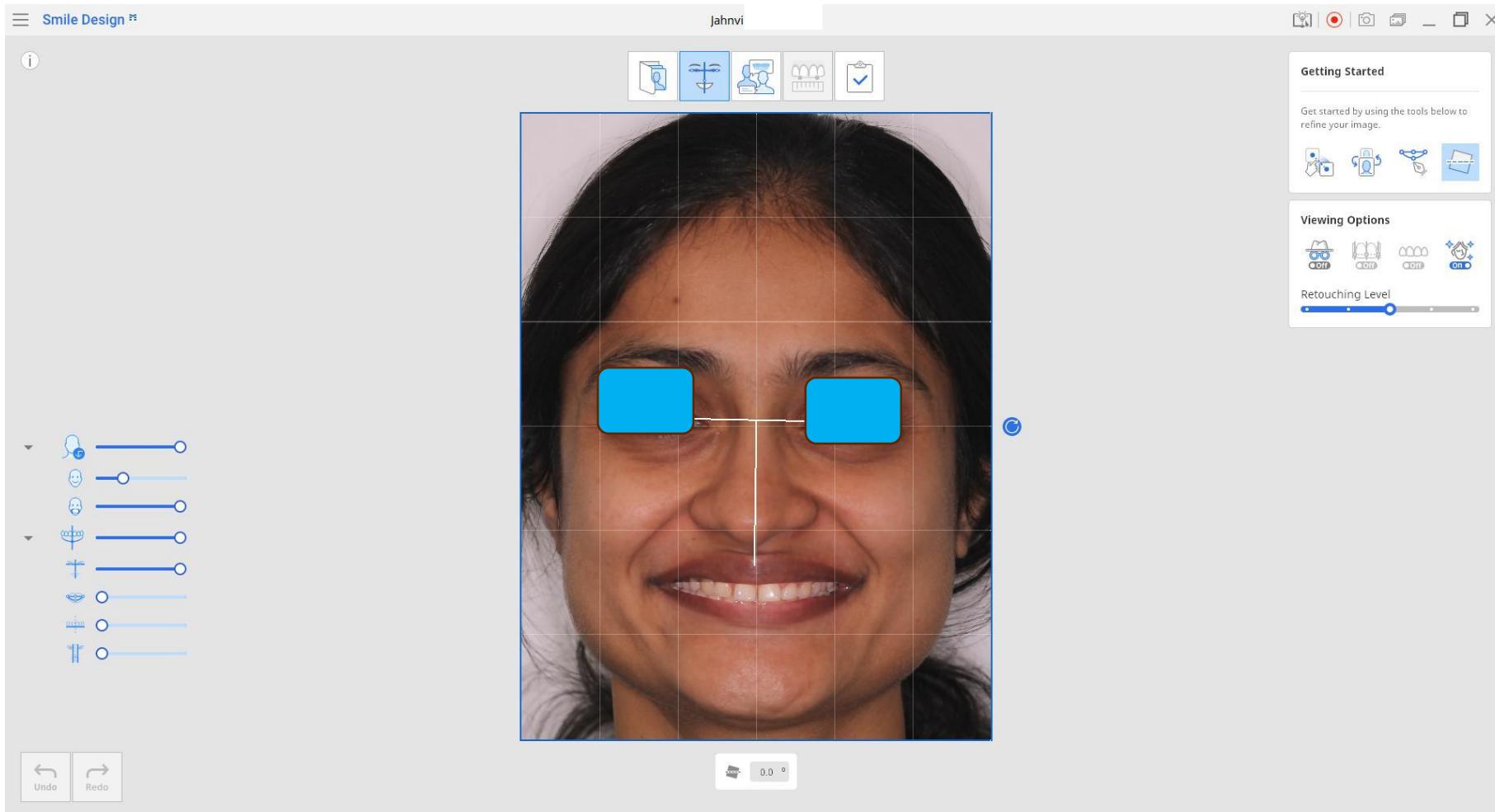
***Medit:* Import Images. Portrait. Retracted**



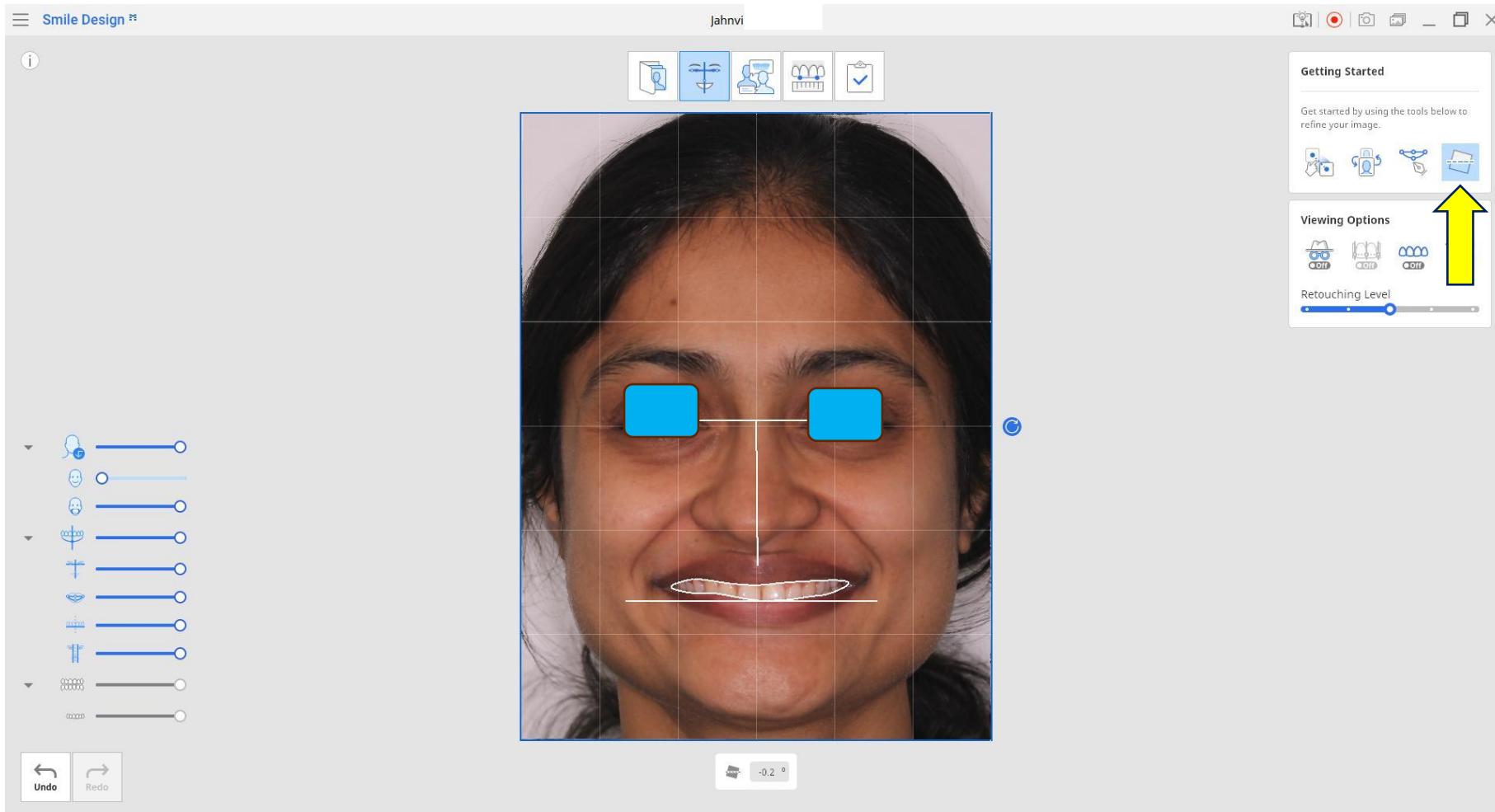
***Medit:* Import Images. Portrait. (Lips at Rest)**



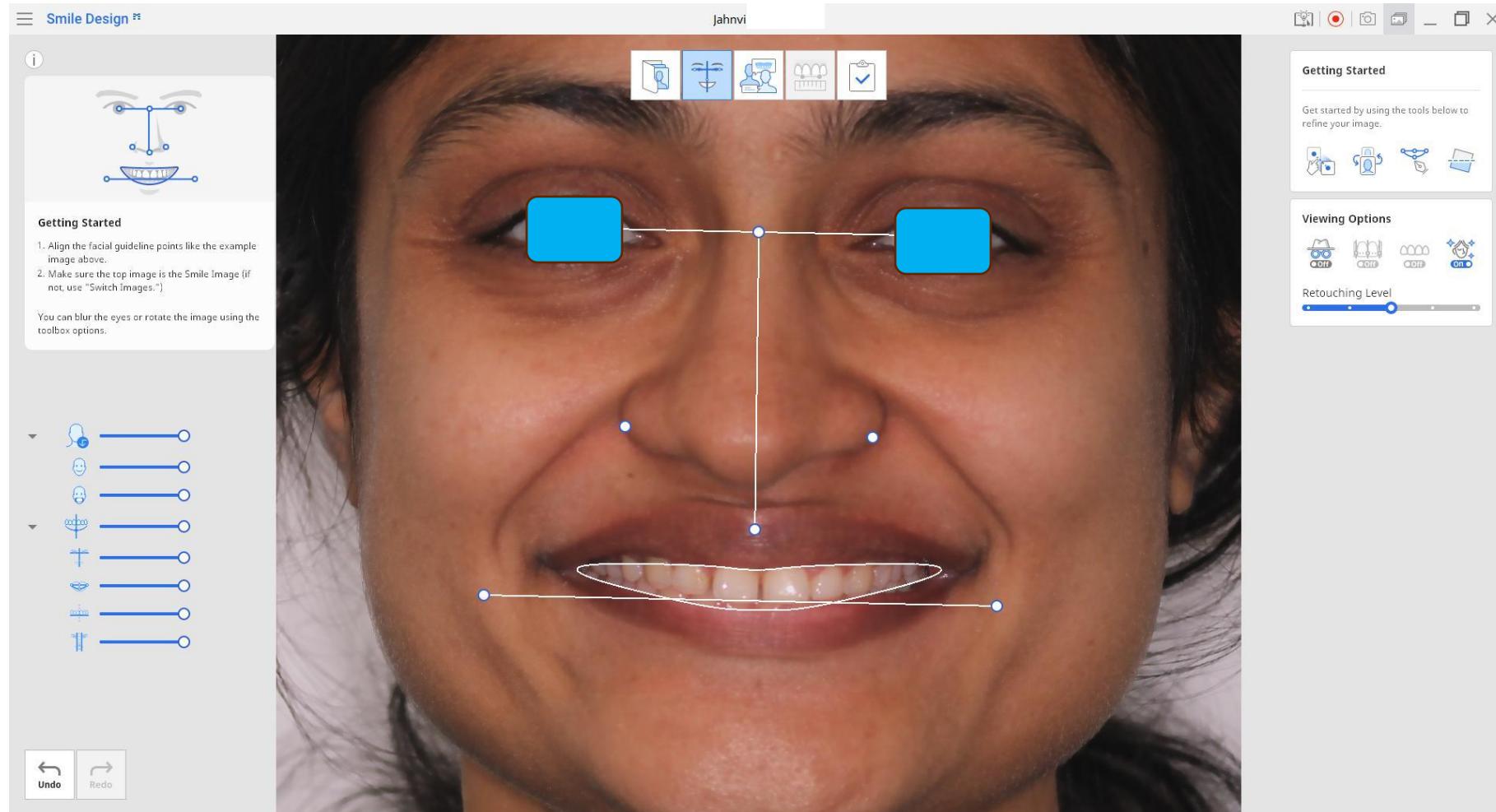
Medit: Align



Medit: Rotate PRN (subtle and important!)



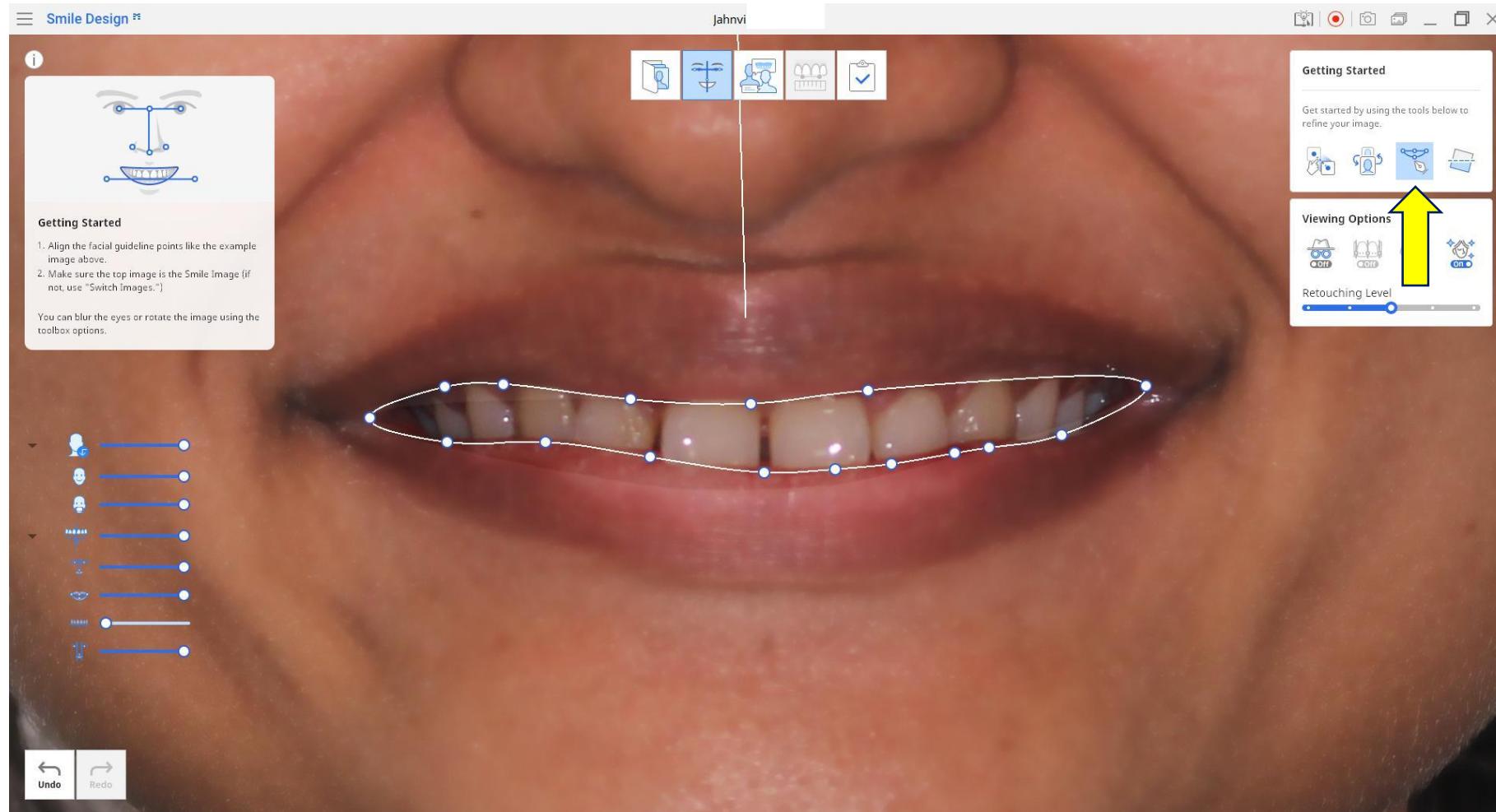
Medit: Align Pupils, Alae, Midline, Smile Outline, Incisal Edge



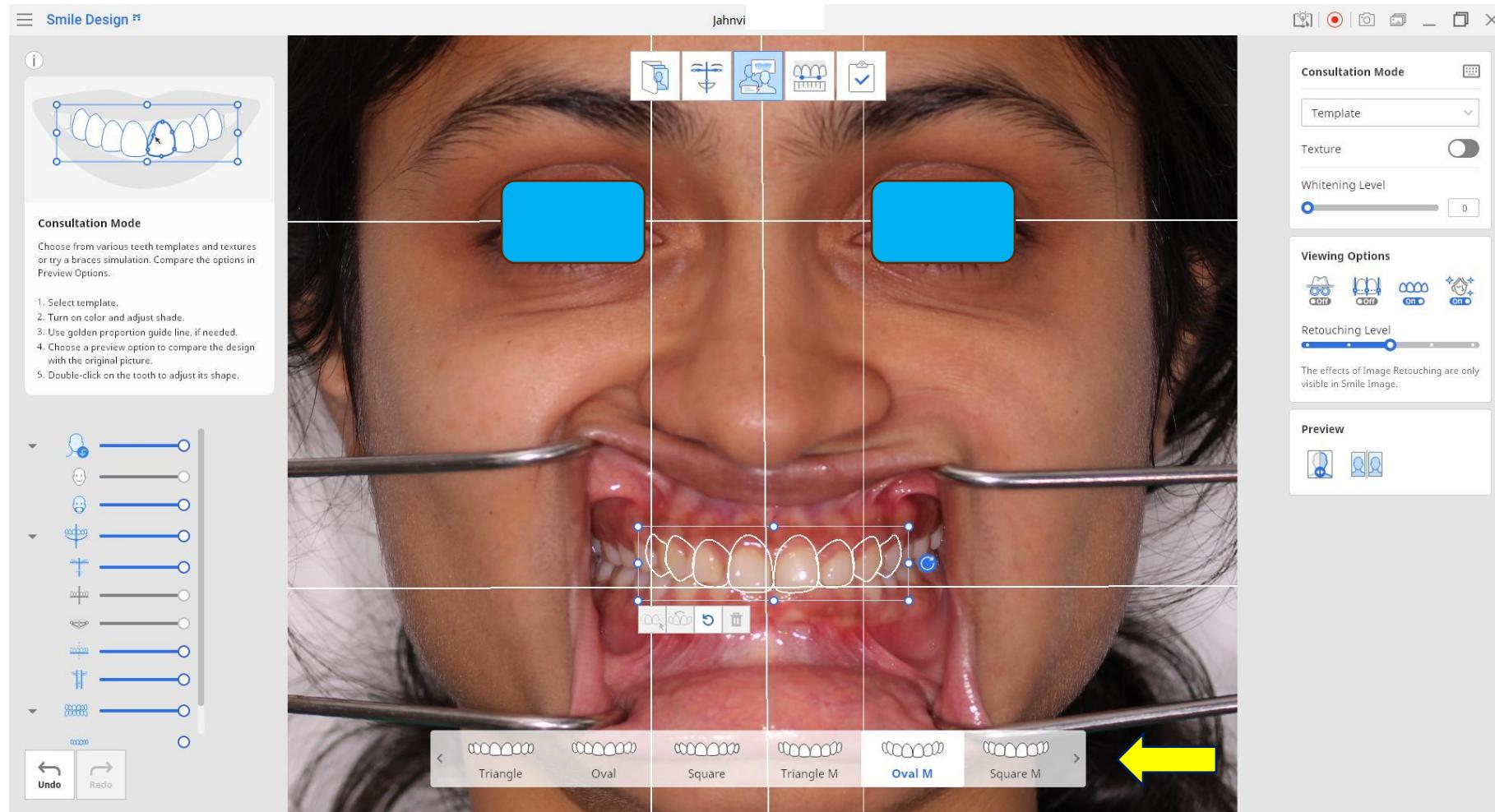
Medit: Manual Align PRN



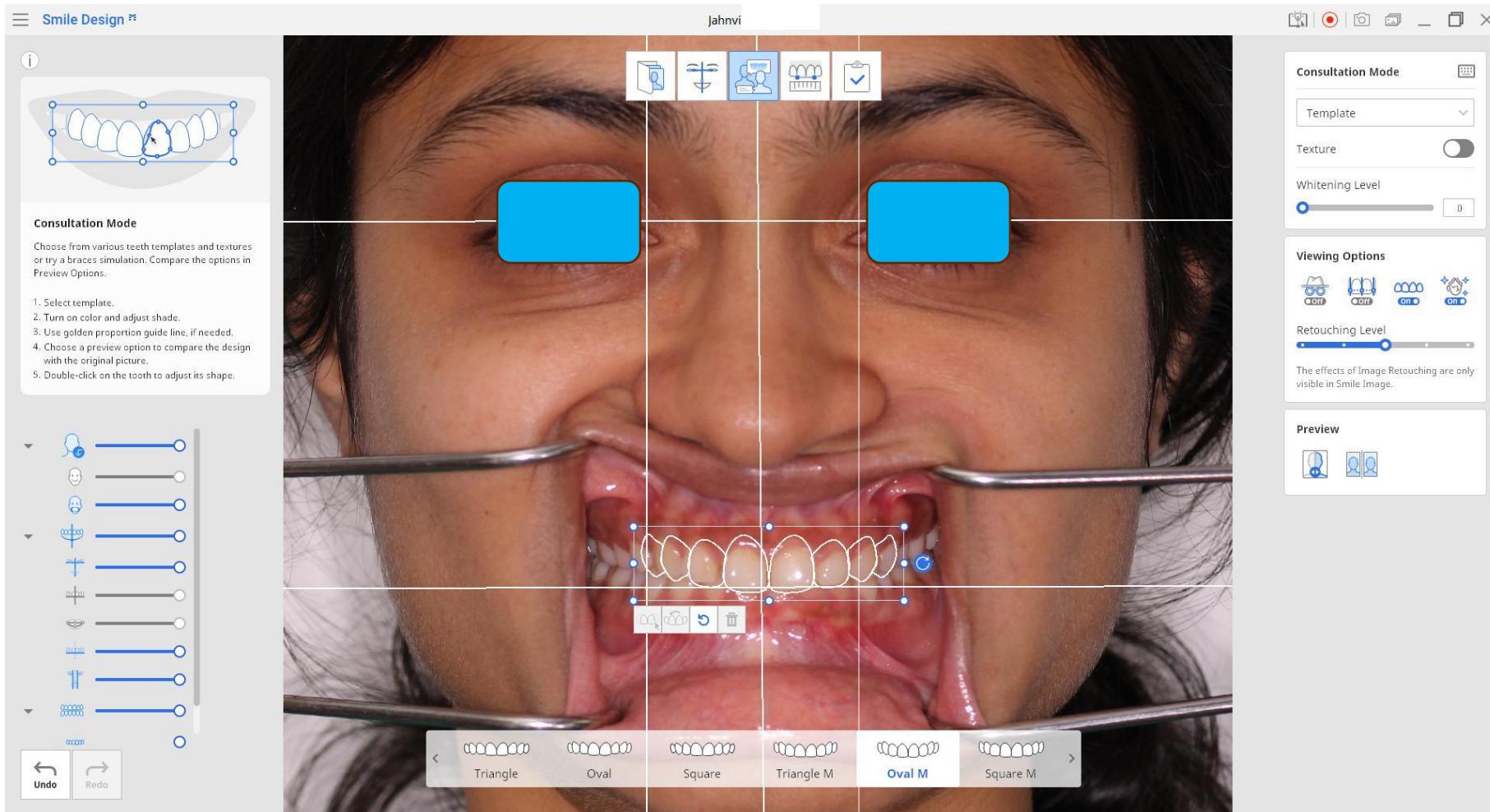
Medit: Modify Lipline PRN



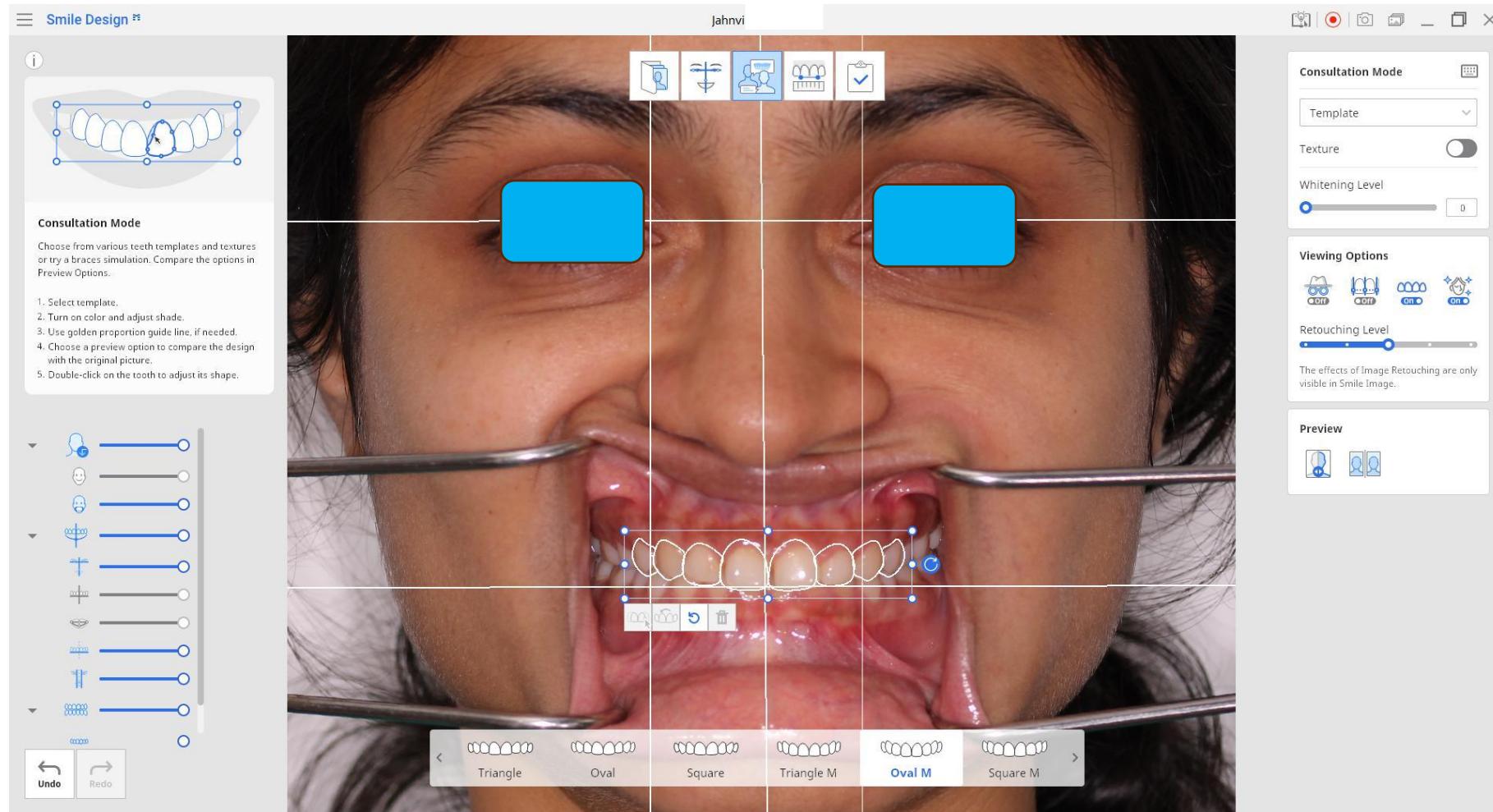
Medit: Change Template PRN



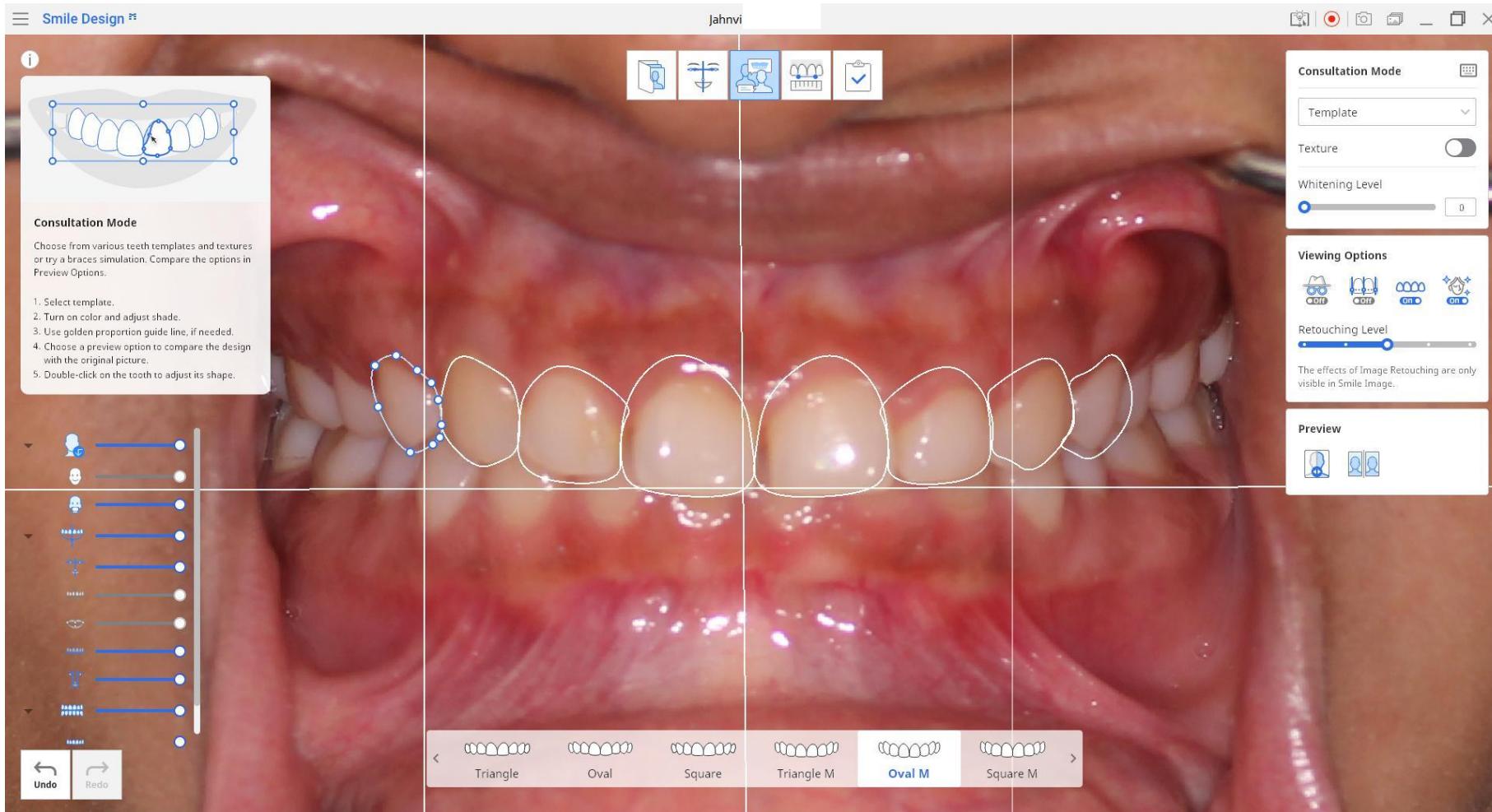
Medit: Click and Drag to Draw 5-11 Box



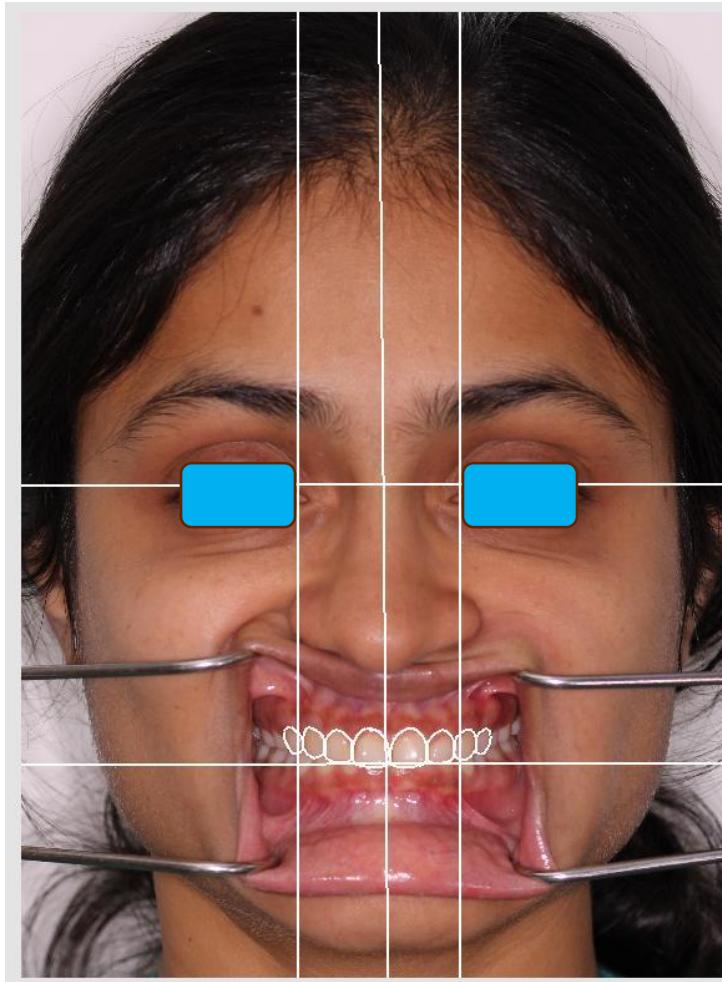
Medit: Macro-Movements First



Medit: Smaller Movements Second



Medit: Grid and Template View



Medit: Golden Proportions View



Golden Proportions (Literature)

"The **Golden Ratio** uses a mathematical formula to define a proportional and harmonic relationship between the maxillary anterior teeth and is expressed by the irrational number **1.618**."

e.g. Width of Lateral/Central=

$$5.2\text{mm}/8.4\text{mm}=$$

$$1.6$$

Determining the widths of the maxillary anterior teeth for esthetics: Comparison of the Mondelli and Albers formulas, esthetic proportion, and golden ratio.

Garrido, Magalhaes, Mamani, and Mondelli.

General Dentistry, May/June 2024, Pgs. 26-32

Golden Proportions (Literature)

The **Golden Ratio** can be utilized by "checking if the **height and width** of the maxillary lateral incisors and canines are in the correct ratio and are proportional to the central incisors."

Determining the widths of the maxillary anterior teeth for esthetics: Comparison of the Mondelli and Albers formulas, esthetic proportion, and golden ratio.

Garrido, Magalhaes, Mamani, and Mondelli.

General Dentistry, May/June 2024, Pgs. 26–32

Golden Proportions (Literature)

The **Golden Ratio** can be utilized by "checking if the **height and width** of the maxillary lateral incisors and canines are in the **correct ratio** and are **proportional** to the central incisors."

Table 2: Mean width and height of 50 participants

TOOTH	Width, mm	Height, mm	Esthetic Proportions=W/H
Central	7.99	9.53	83.55
Lateral	6.07	7.96	77.00
Canine	7.18	9.01	80.40

Garrido, Magalhaes, Mamani, and Mondelli.

General Dentistry, May/June 2024, Pgs. 26-32

Golden Proportions (Literature)

"The formulas and the proportions available in the literature can assist in esthetic planning, but the individual characteristics of each patient and expertise of the dentist should guide treatment for each case."

"..making correlation between function and esthetics an important consideration..."

Determining the widths of the maxillary anterior teeth for esthetics: Comparison of the Mondelli and Albers formulas, esthetic proportion, and golden ratio.

Garrido, Magalhaes, Mamani, and Mondelli.

General Dentistry, May/June 2024, Pgs. 26-32

Golden Proportions (Literature)

"...rather than relying on a single, fixed ratio of 78% to 80% suggested by researchers for anterior teeth, the clinician should adopt different crown with dash height ratios to restore teeth with the optimum aesthetic outcome."

An Analysis of Maxillary Anterior Teeth Crown Width-Height Ratios: A Photographic, Three-Dimensional, and Standardized Plaster Models Study.

Ahmed N, Halim MS, Aslam A, Ghani ZA, Safdar J, Alam MK

Biomed Rest Int. 2022 Feb 7; 2022:4695193

Golden Proportions (Literature)

MIDR = Maxillary Incisal Display at Rest

"Incisal display at rest was generally greater in females than males."

"The maxillary incisor display at rest: analysis of the underlying components"

Jeelani W, Fida M, Shaikh A.

Dental Press J Orthod. 2018 Nov-Dec; 23(6):48-55

Medit: Calibrate.

Software or Caliper Measurement

inLab Measurement. Distance Tool

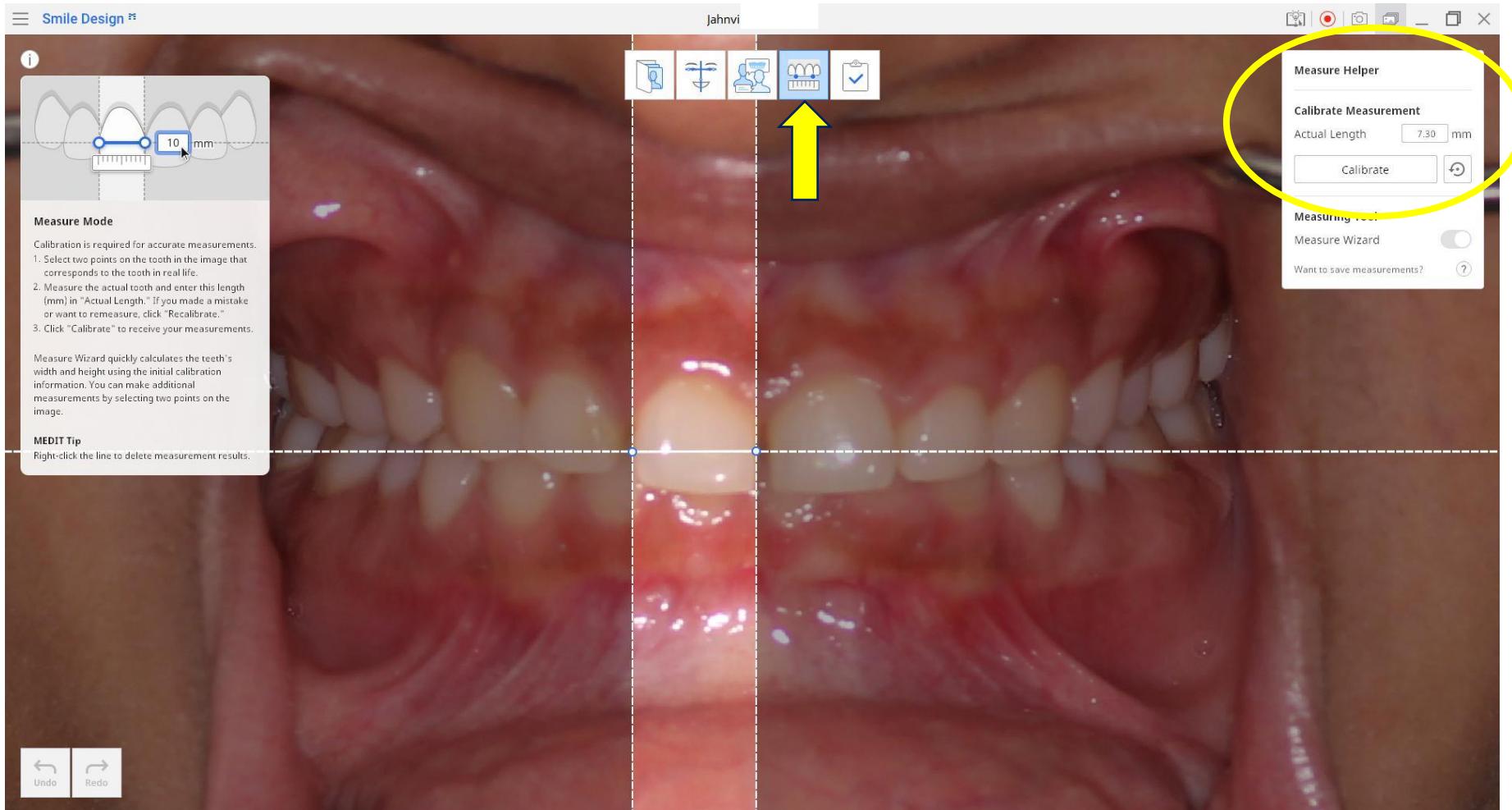


Harbor Freight Digital Caliper

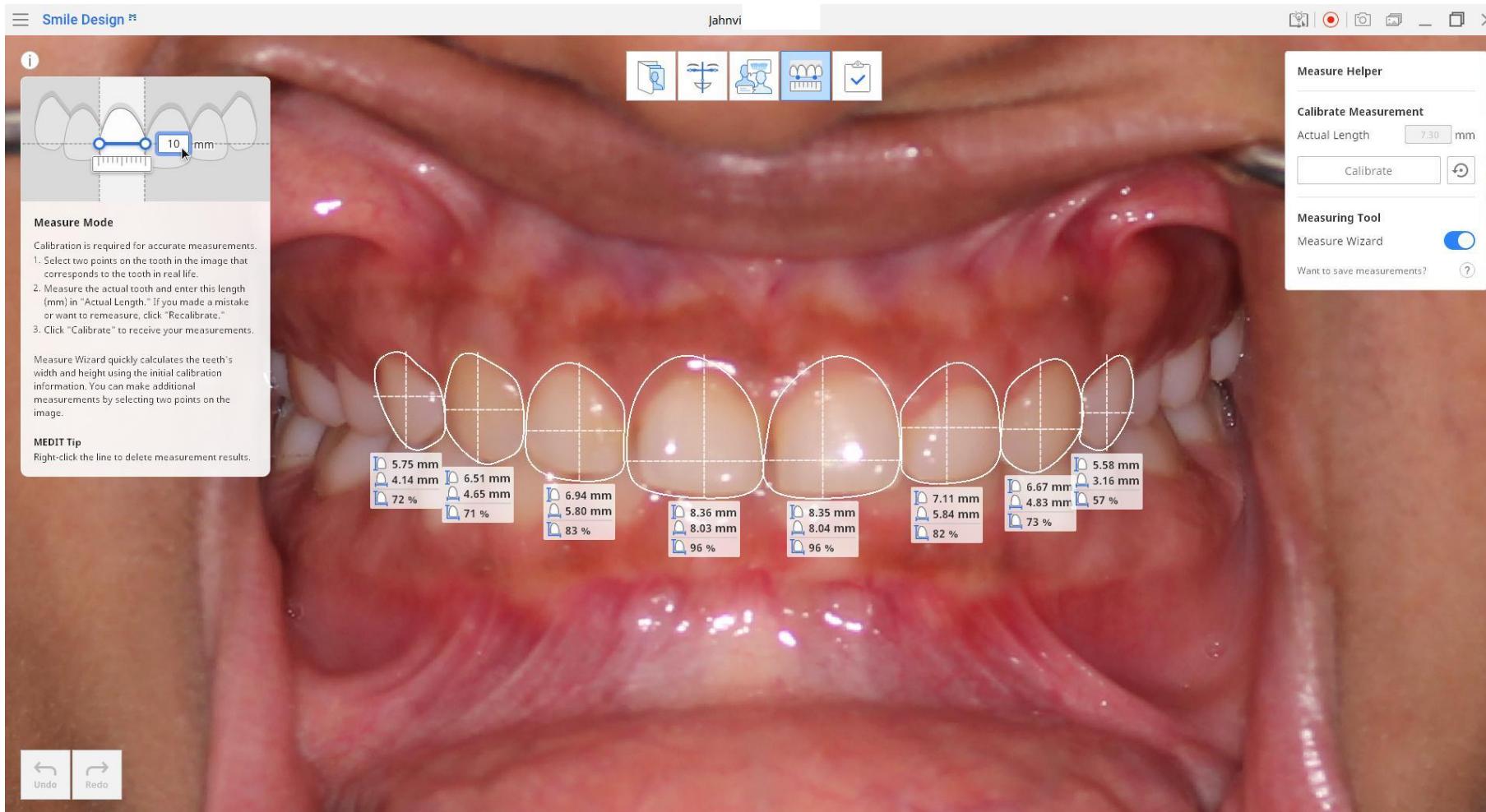
<https://www.harborfreight.com/hand-tools/measuring-marking/calipers-micrometer/calipers/6-in-digital-caliper-with-sae-and-metric-fractional-readings-63731.html>



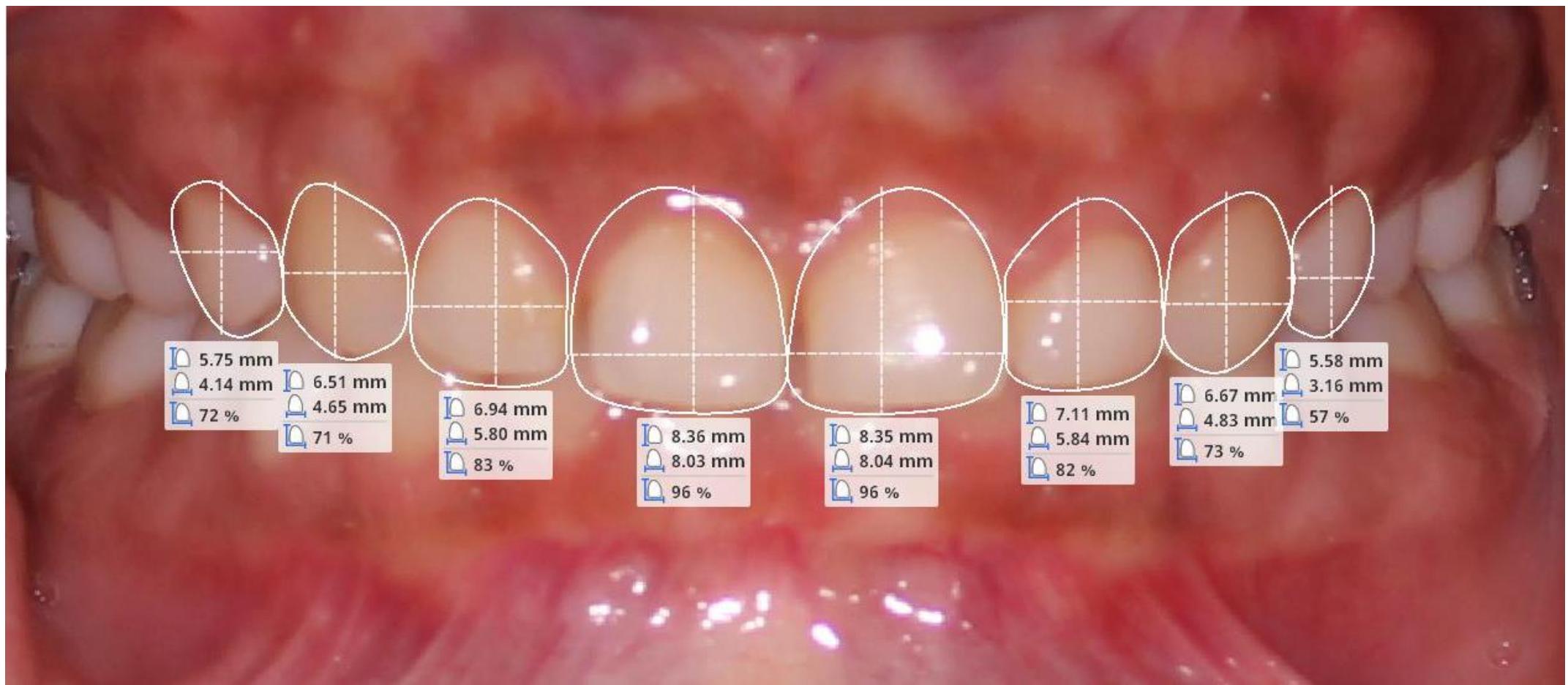
Medit: Calibrate



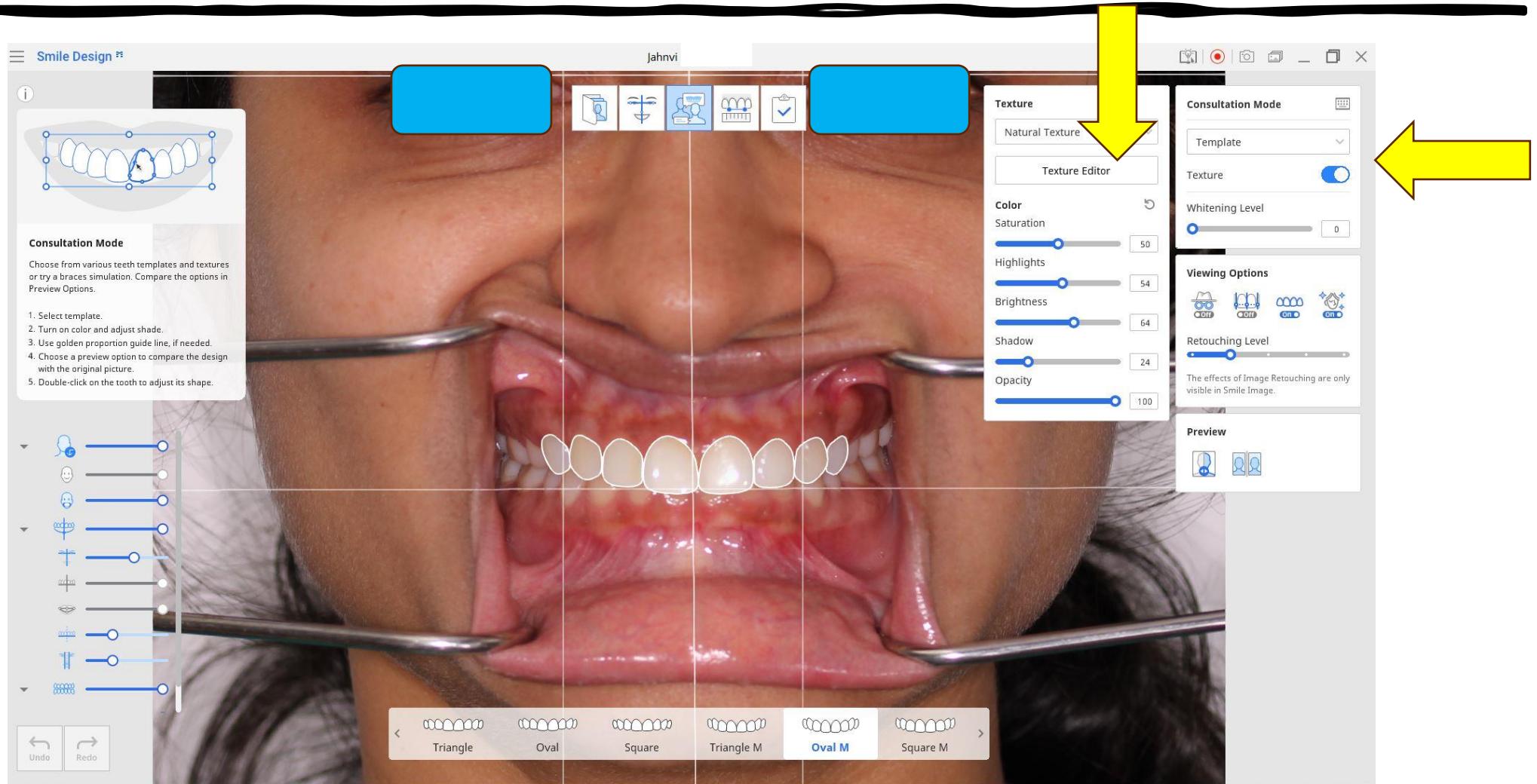
Medit: Measure Mode Calibrated



Medit: Calibrated Money Shot for Lab



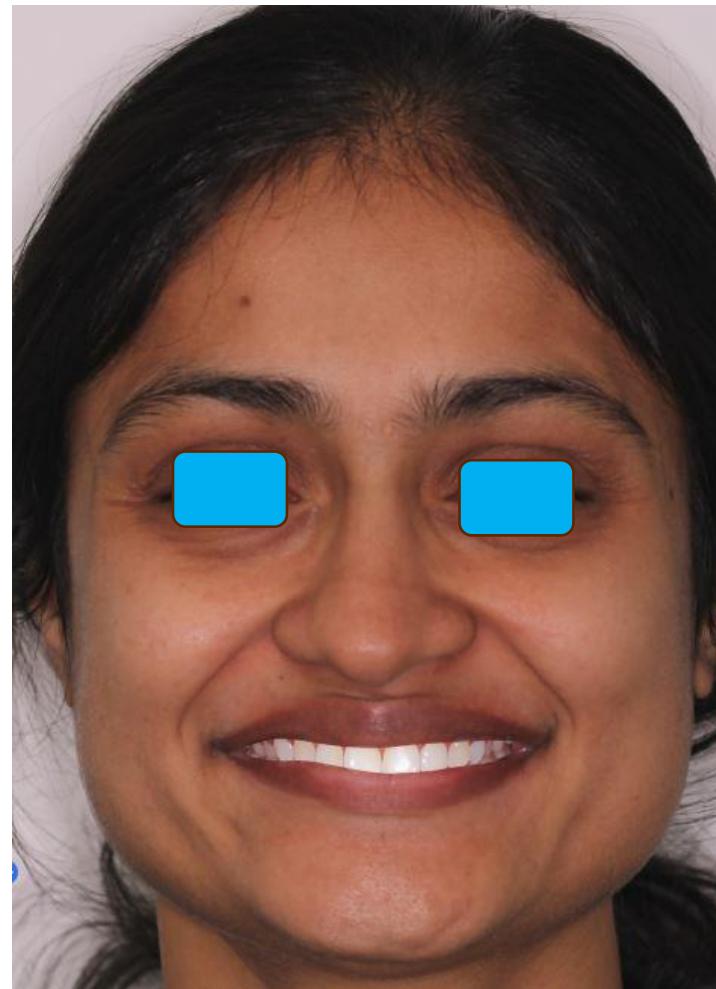
Medit: Natural Texture. Texture Mode



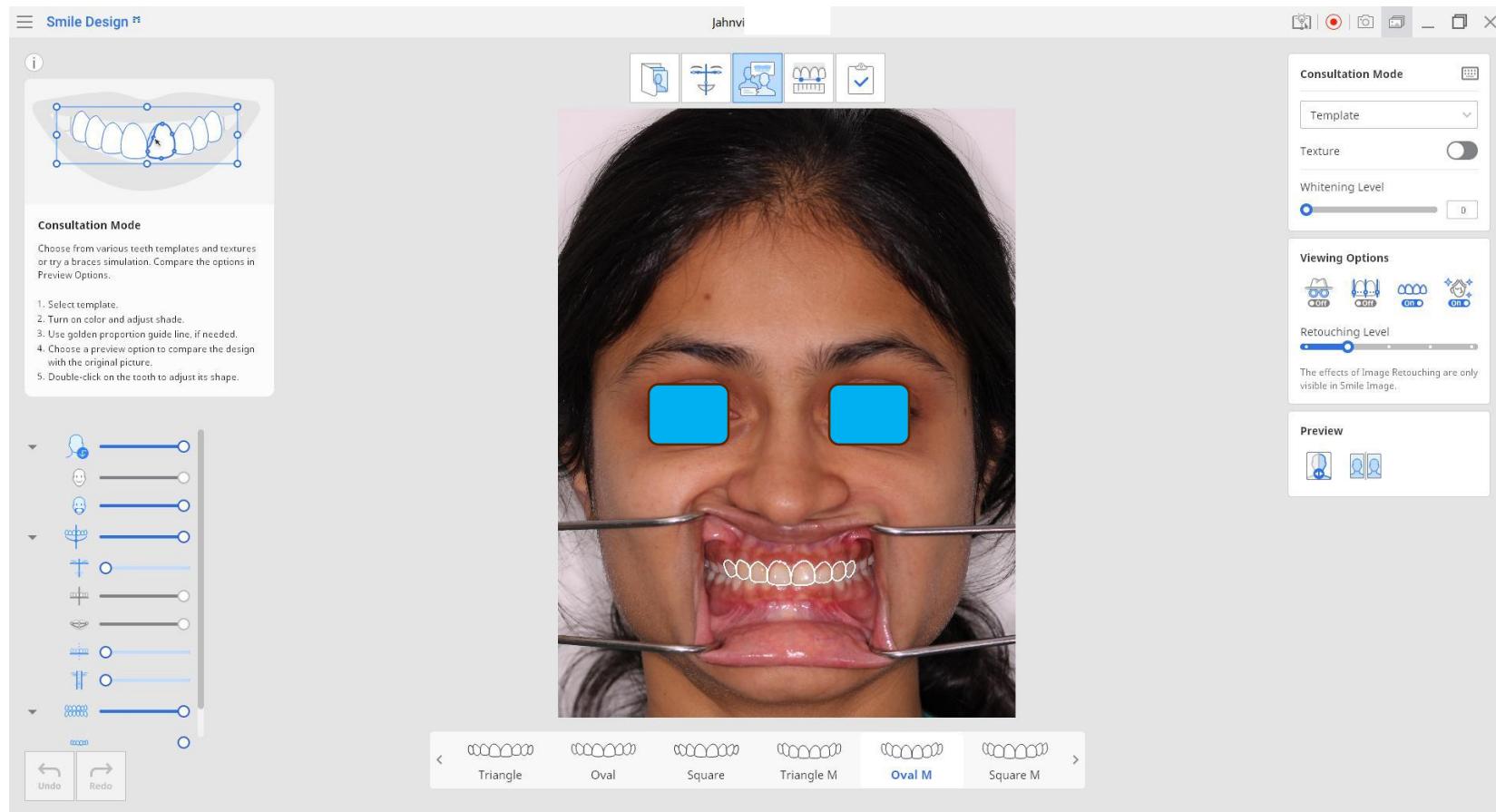
Medit: Texture Mode: outline within tooth outline and best color



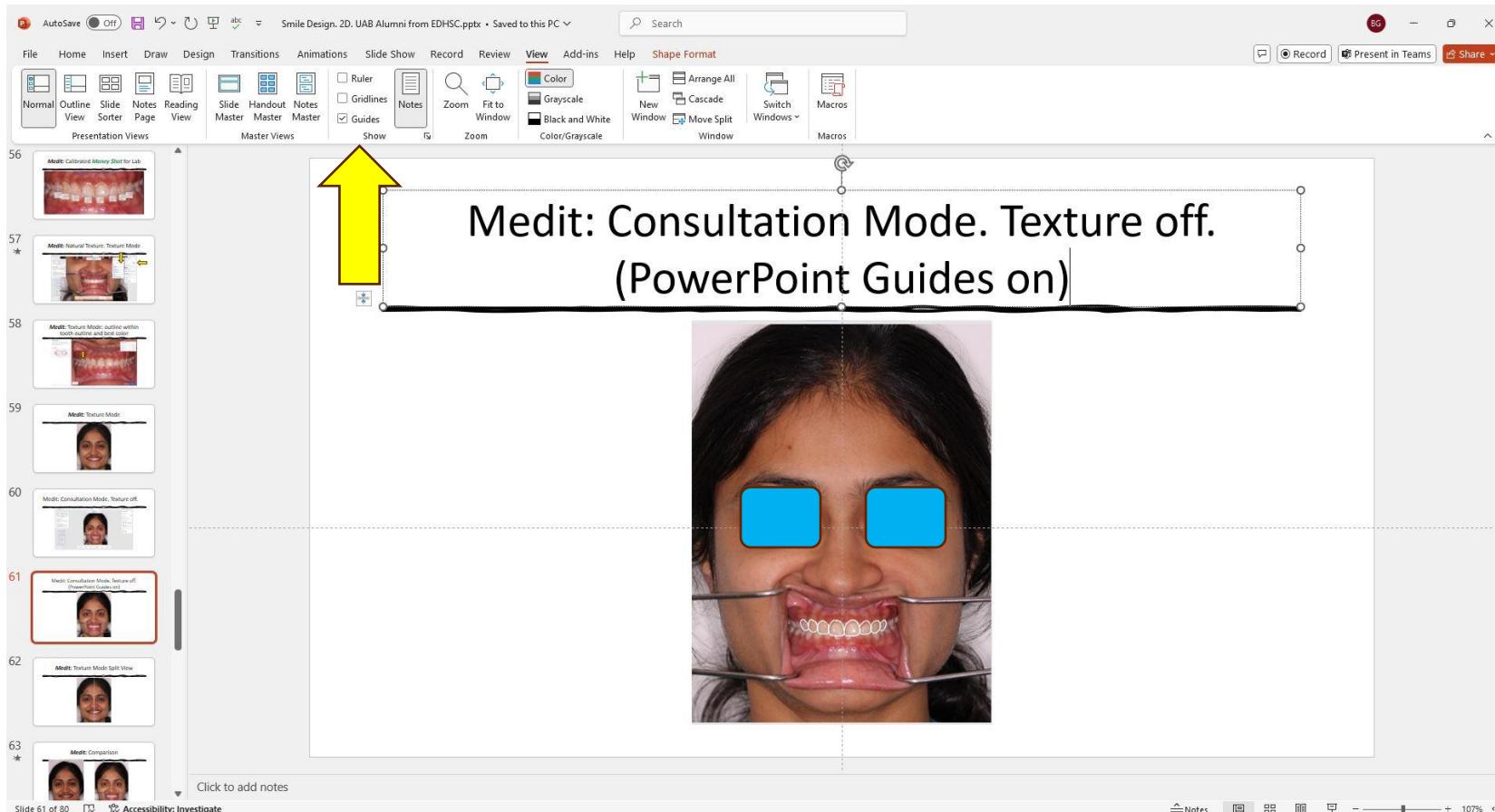
Medit: Texture Mode



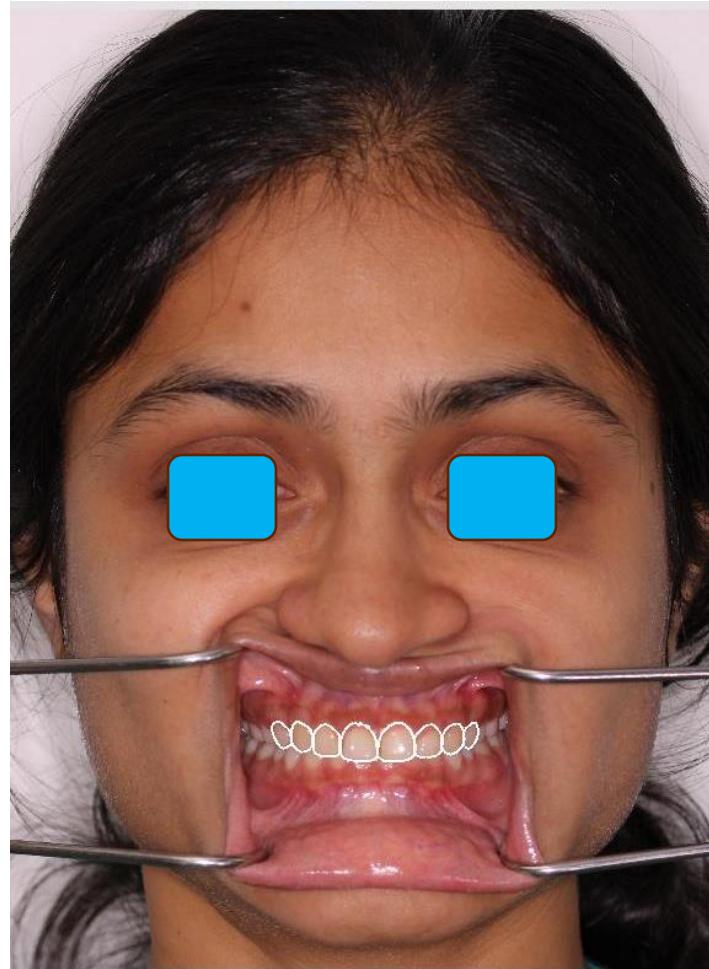
Medit: Consultation Mode. Texture off.



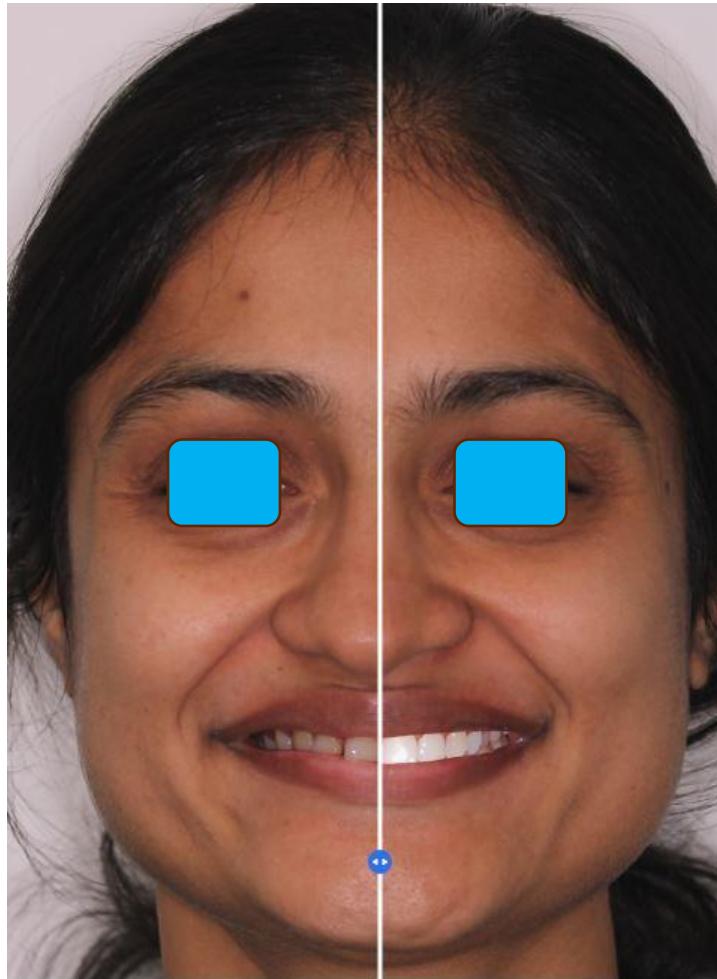
Medit: Consultation Mode. Texture off. (turn PowerPoint Guides on)



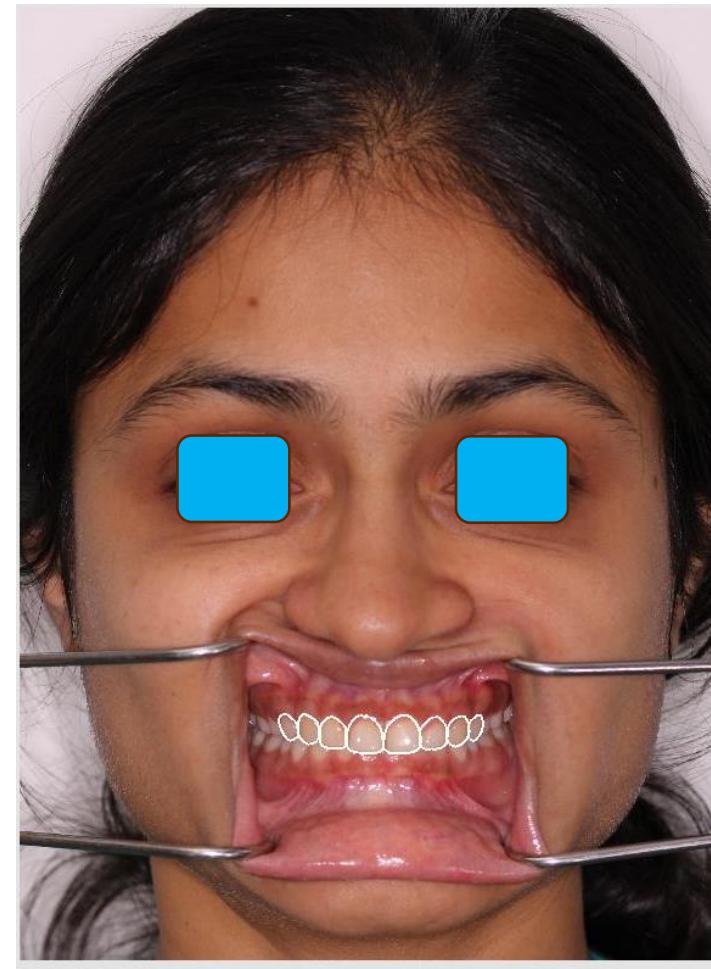
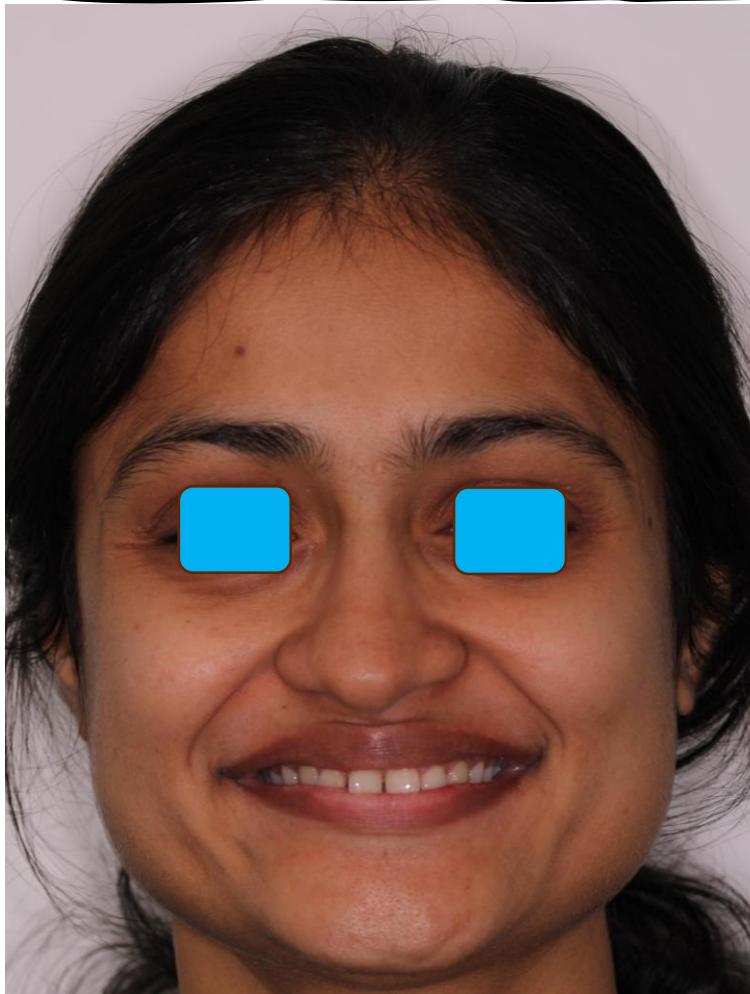
Medit: Consultation Mode. Texture off.
(View. Guides on)



Medit: Texture Mode Split View

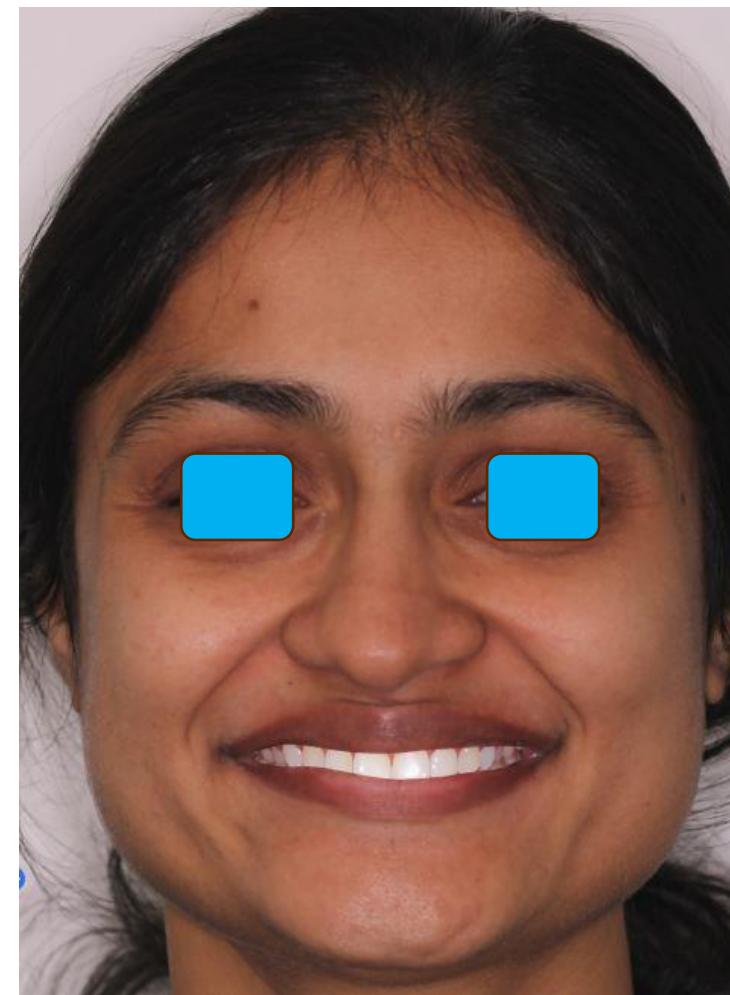
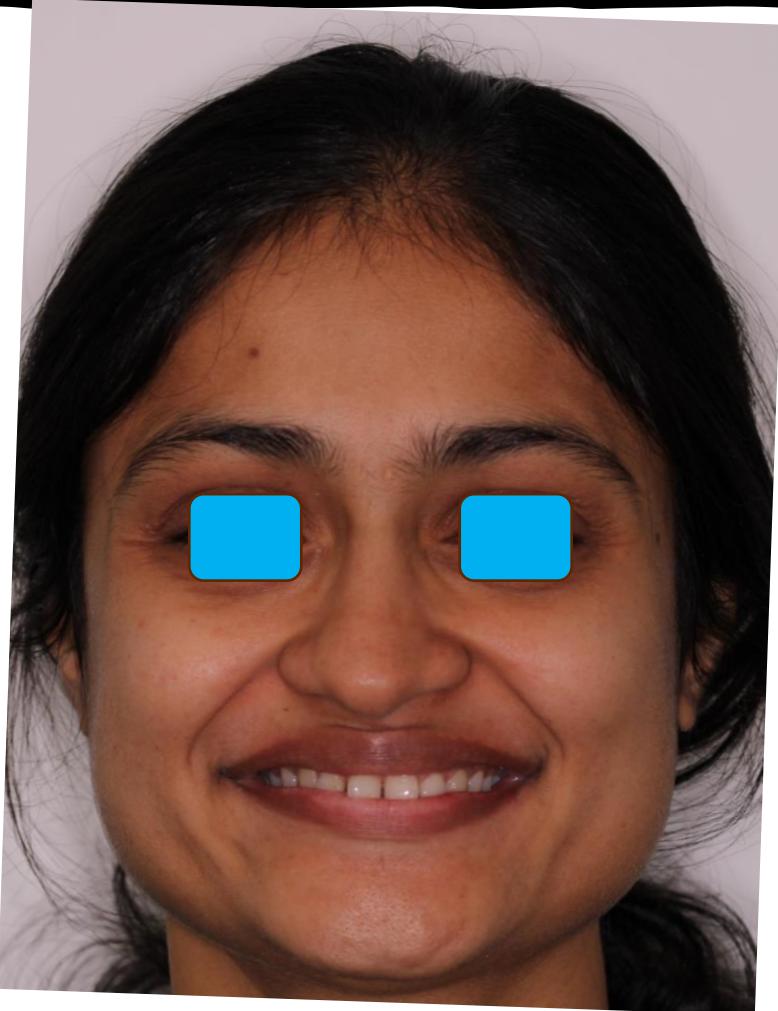


Medit: Comparison



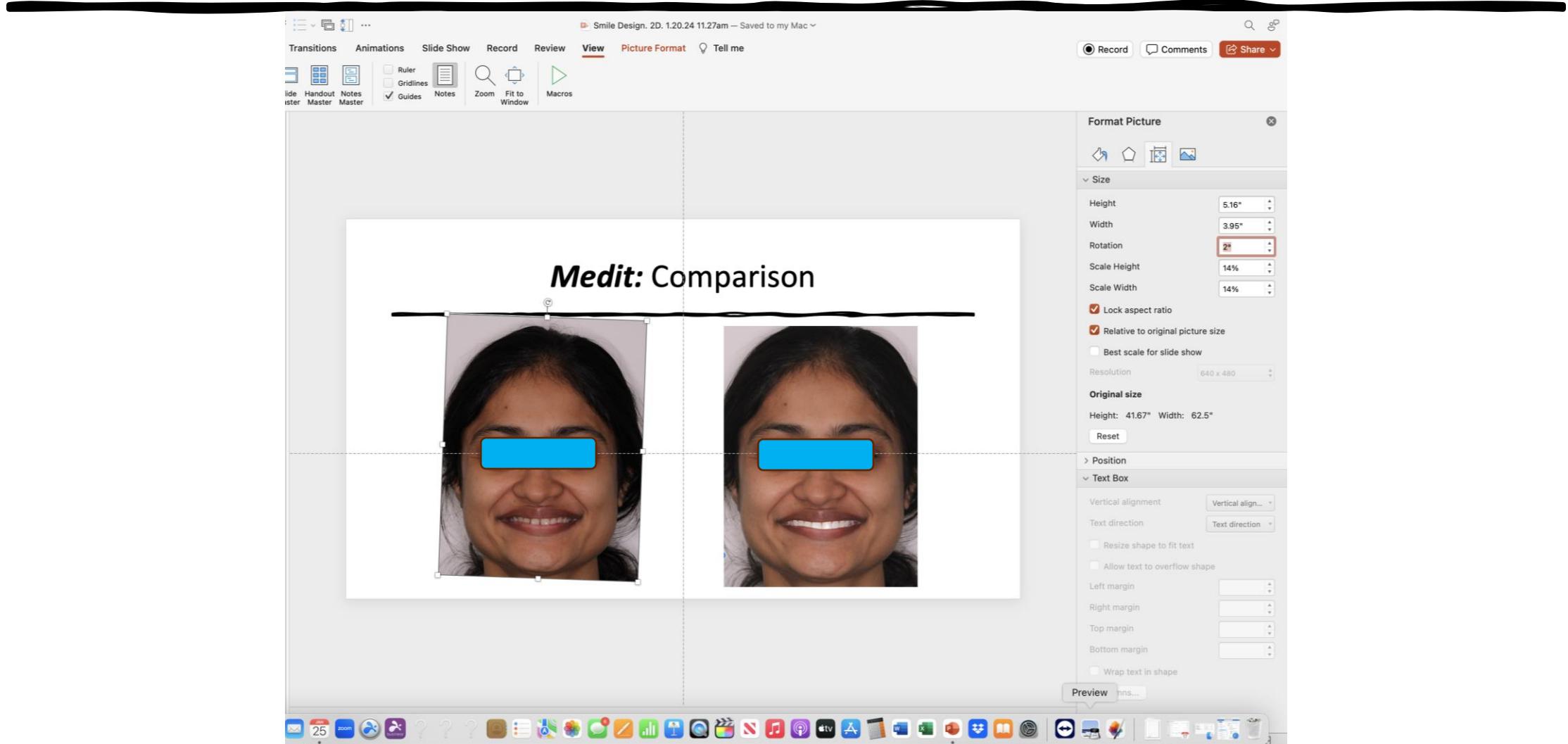
Medit: Comparison

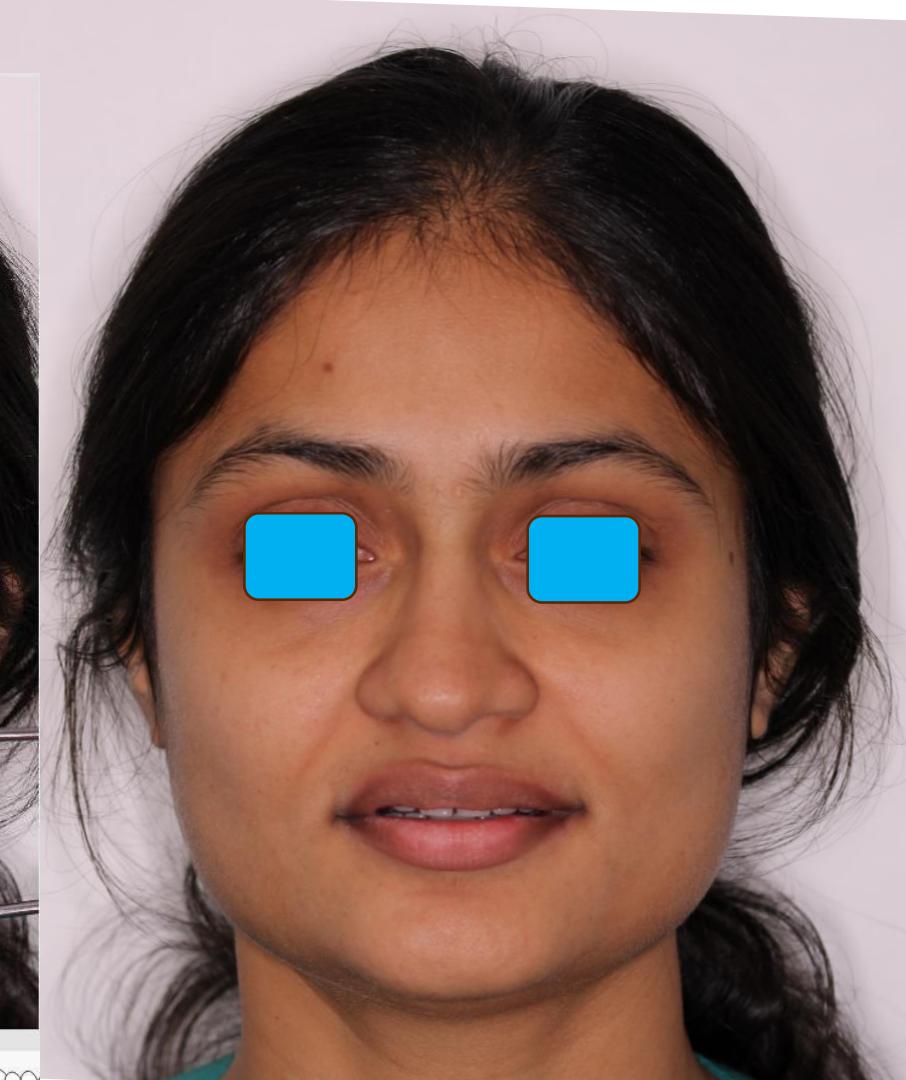
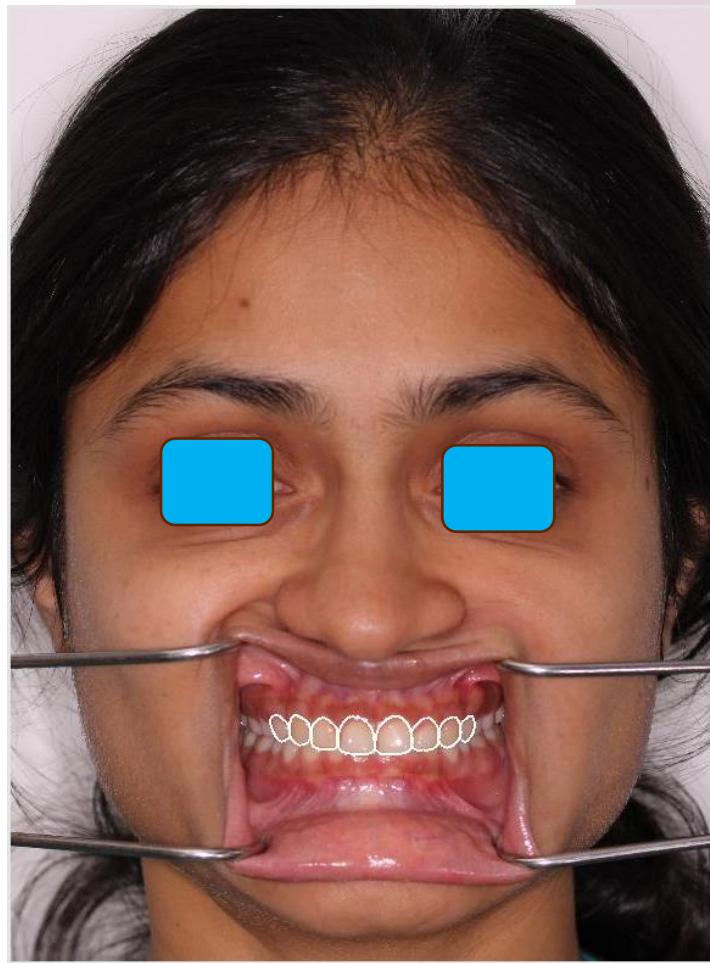
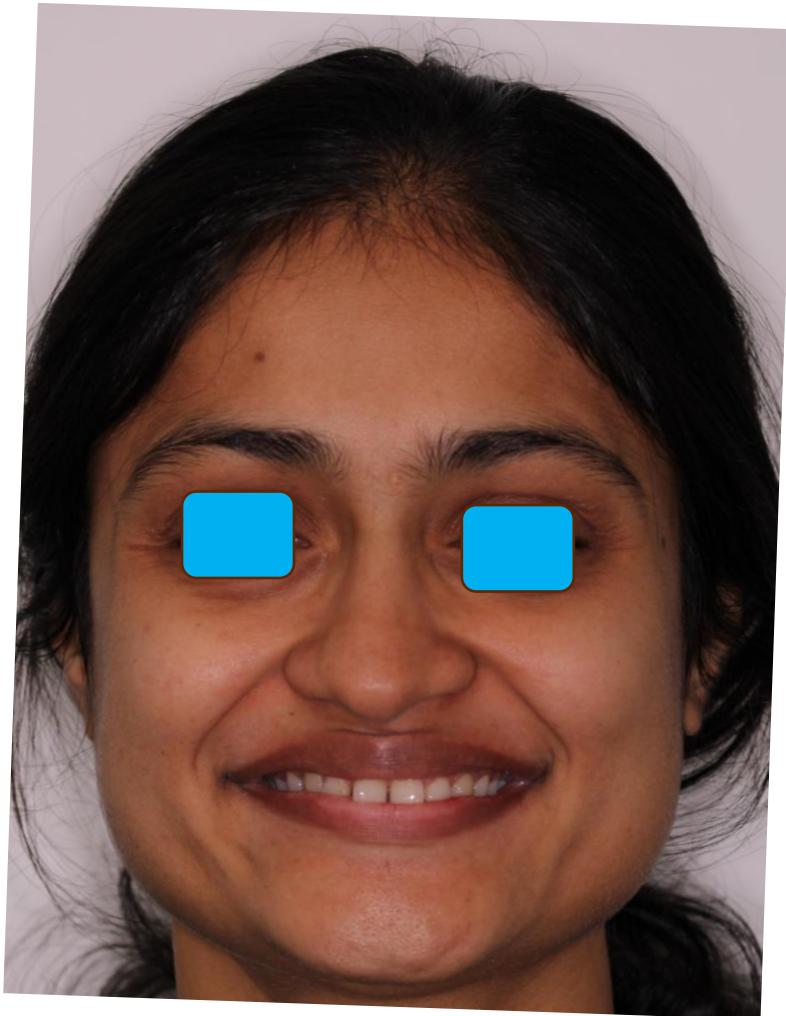
(Pre Op smile rotation corrected)



Medit: Comparison

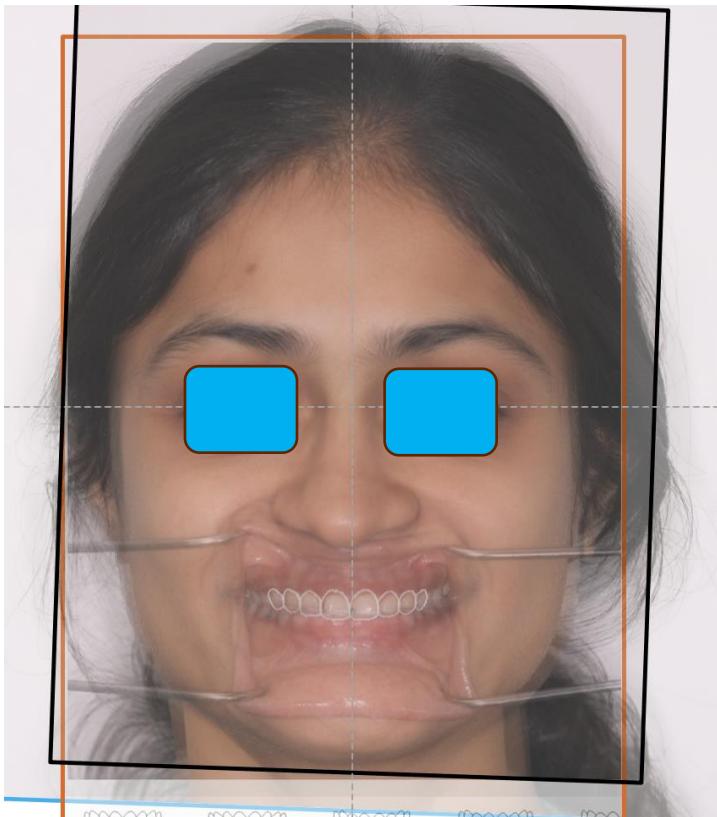
(rotation corrected in PowerPoint, View, Guide on)



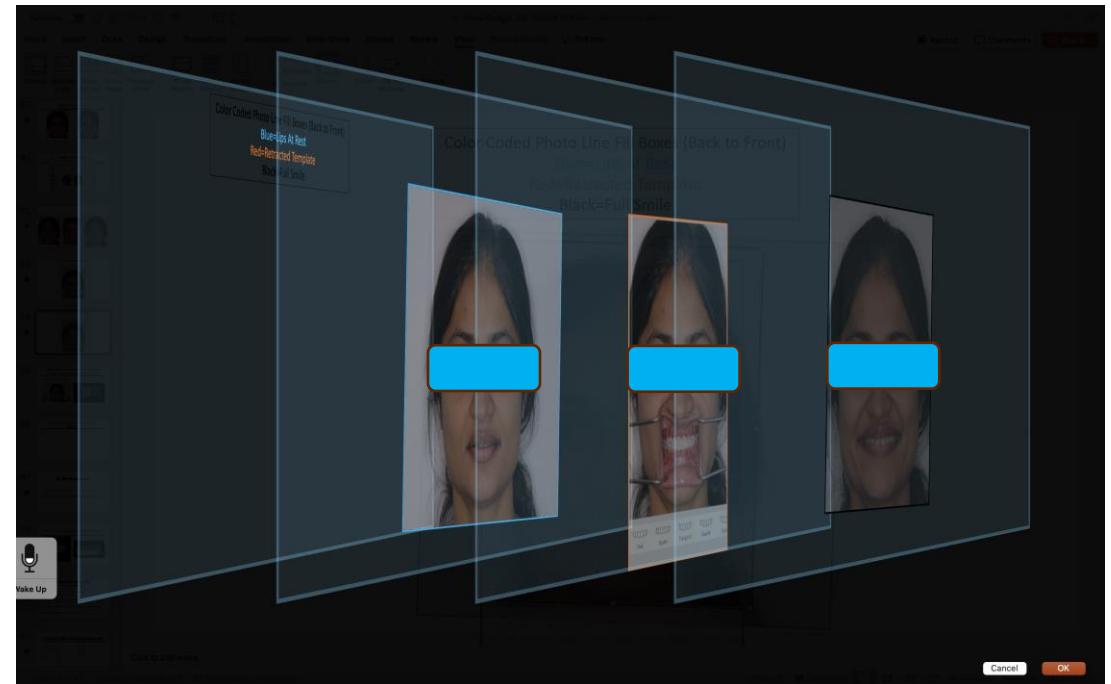


Medit Link. Powerpoint Layered Photos.

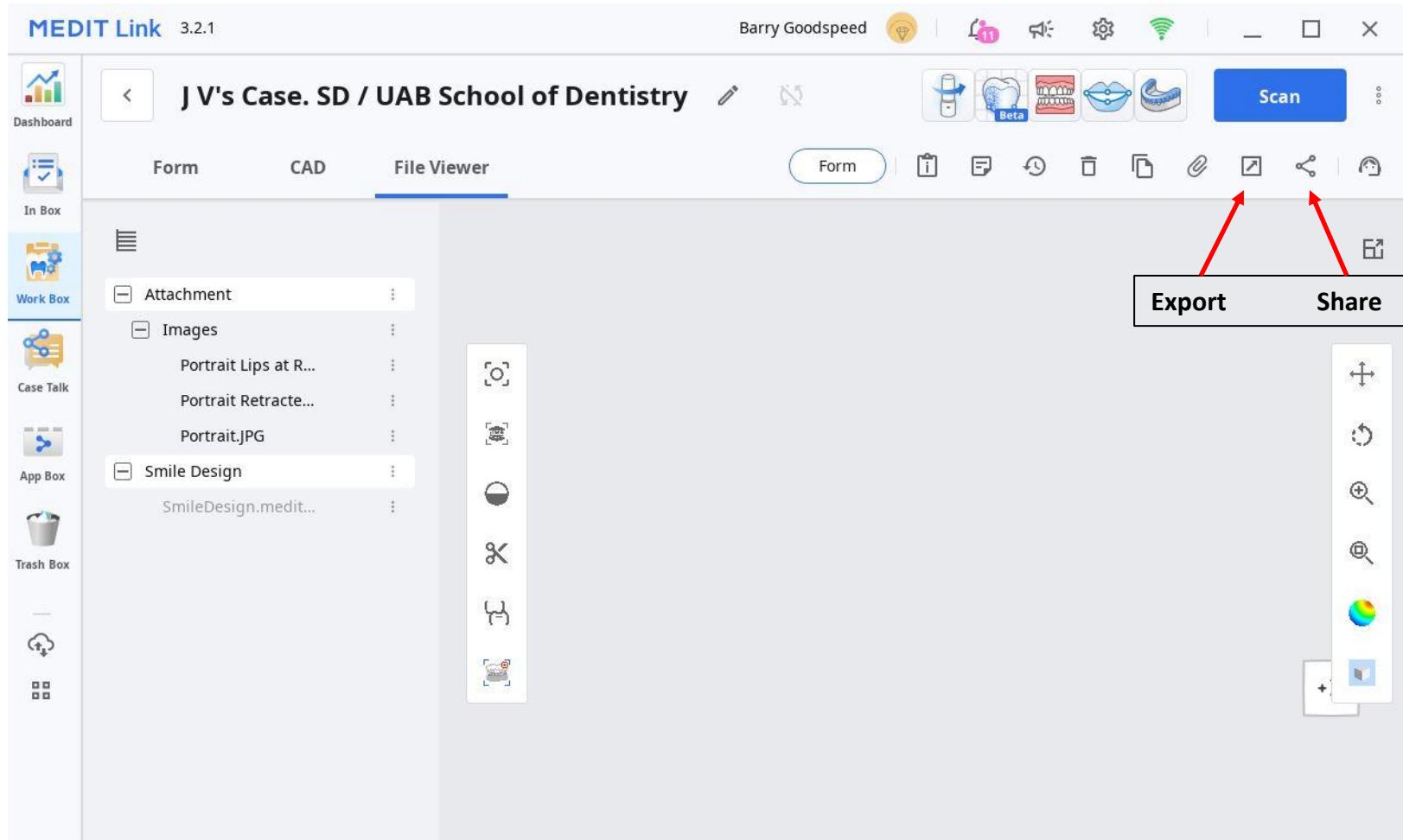
3:1 Photo Merge



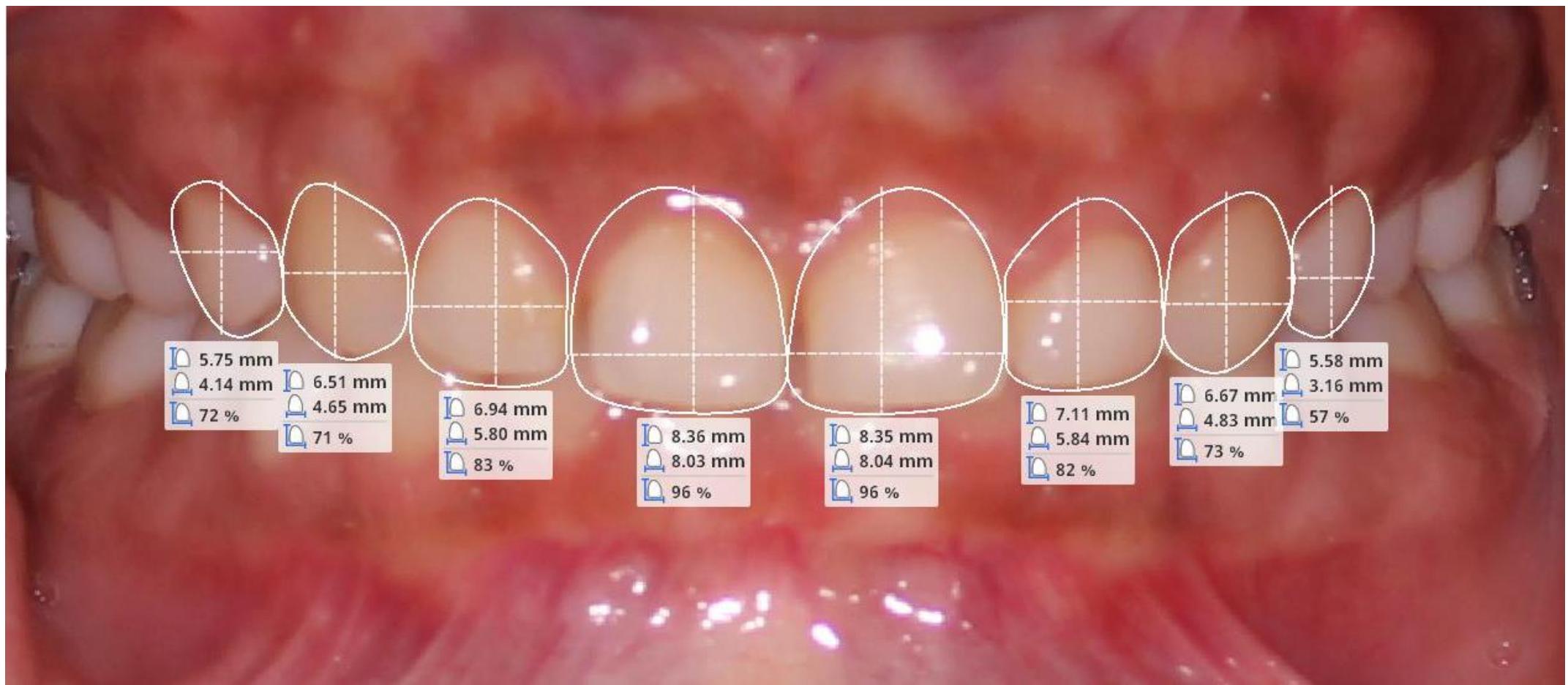
**3 Portraits Back to Front:
Lips at Rest, Retracted, Full Smile**



Medit: Final Export or Share files as needed



Medit: Calibrated Money Shot for Lab



3Shape: Proportions for Lab

(ref. #5)



New Digital Design Options:

Medit

(ref. #6) Play Video Summary (20 minutes)

Jahnvi's Case / UAB School of Dentistry  

Scan

:

Form

File Viewer

Form Only



Smile Design



SmileDesign.medit...



+Z

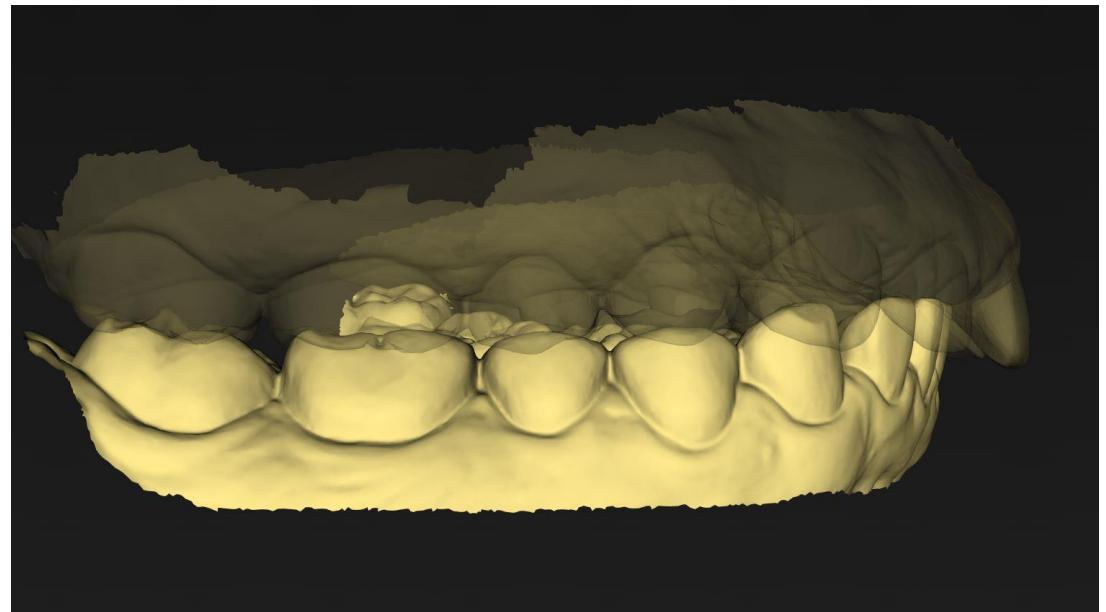
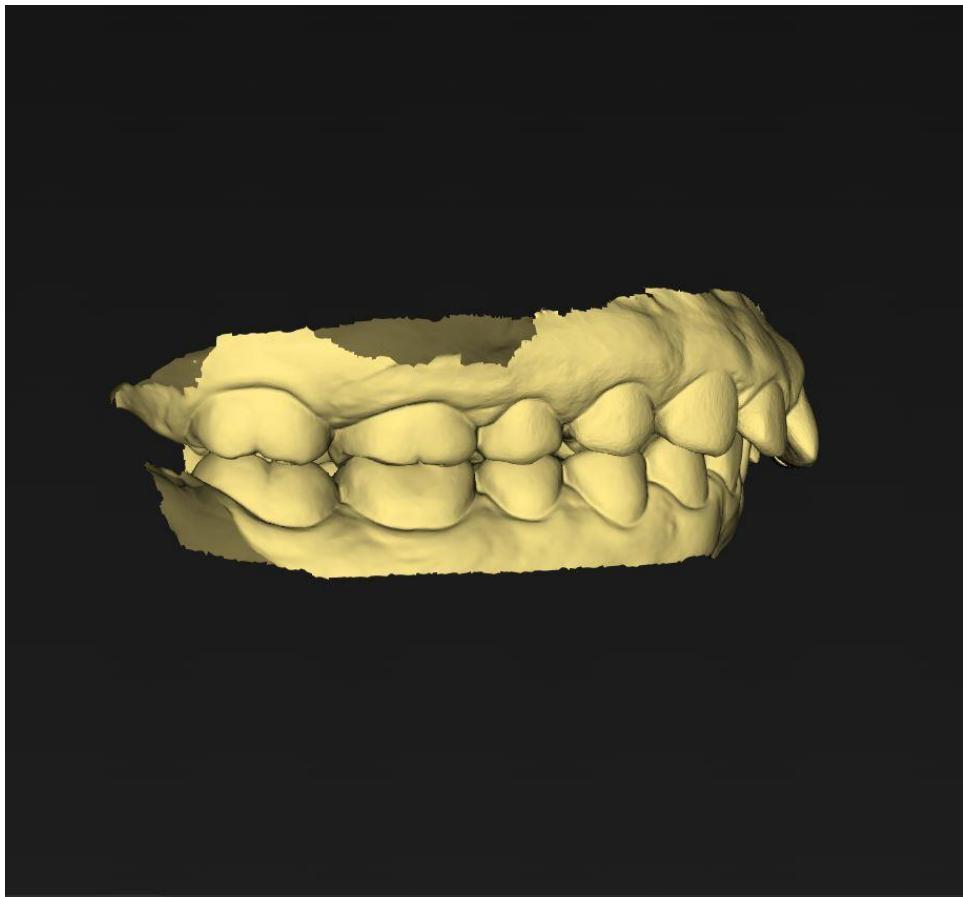


The BIG Question is...

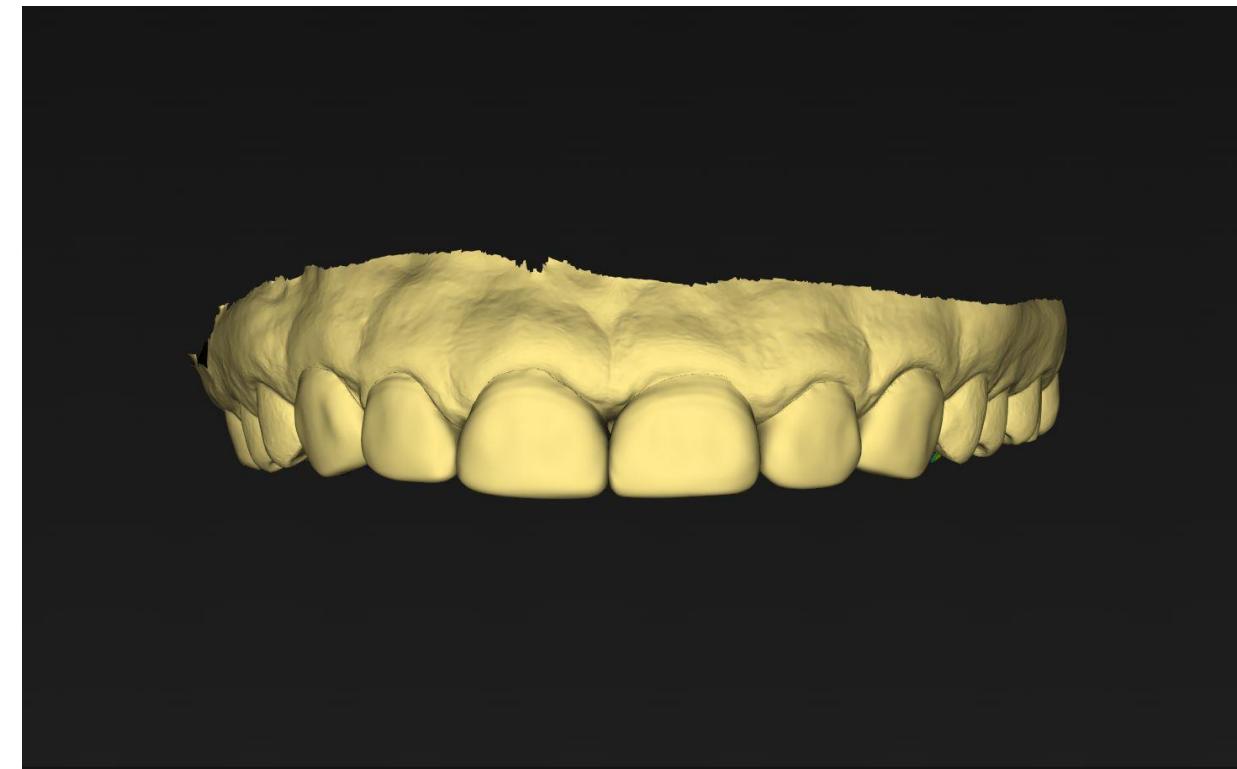
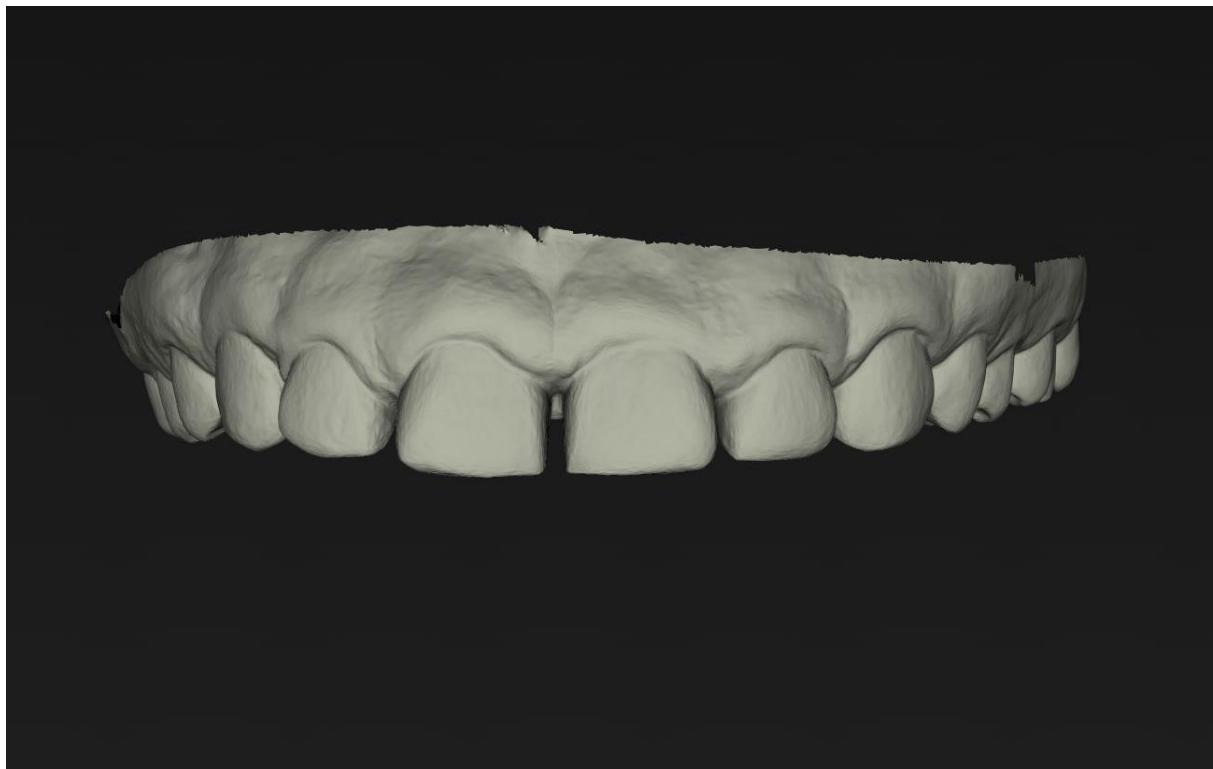


Can we promise this **2D** Design to our patient?!!

Hint: Look at the Overjet, Curve of Spee, Etc.

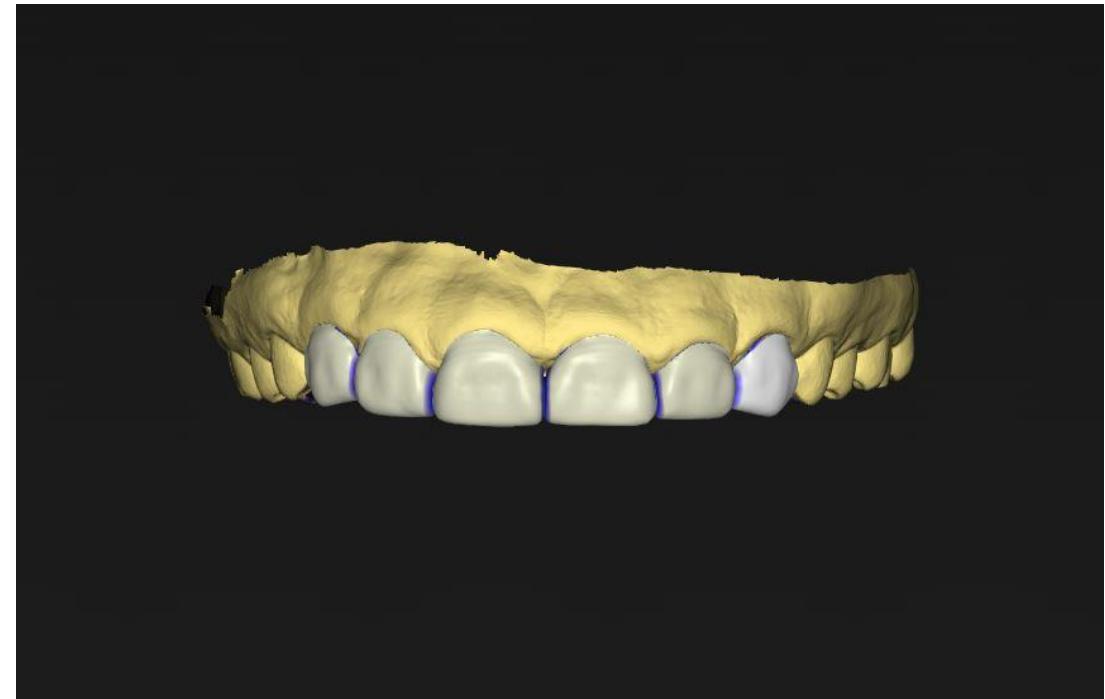
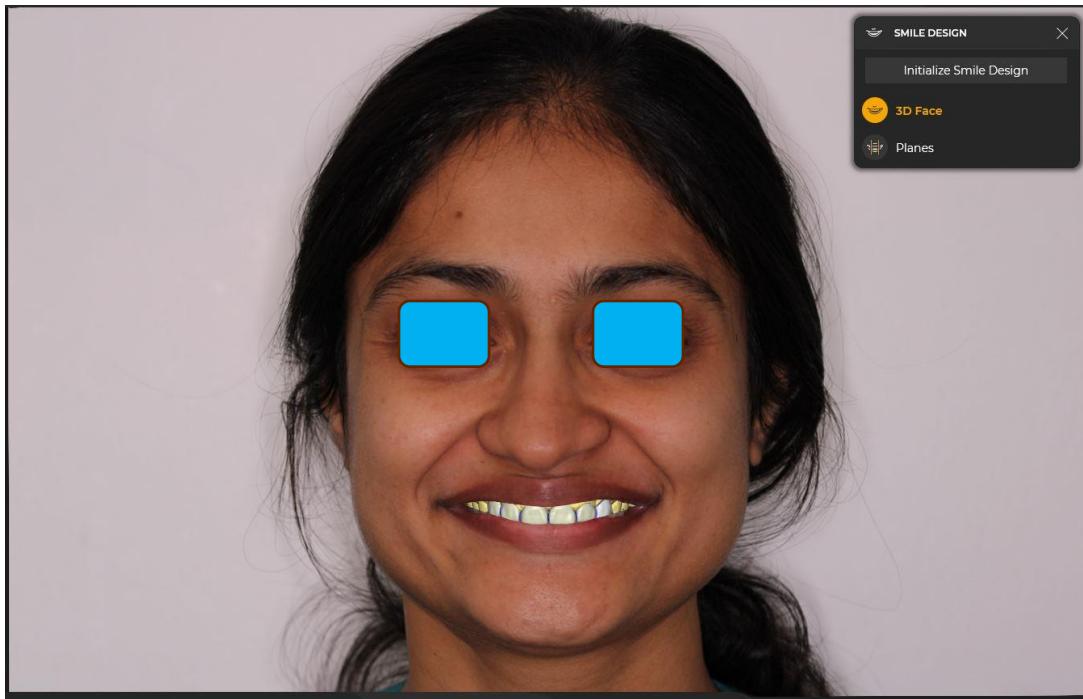


Dentsply Sirona inLab 3D Design



Dentsply Sirona inLab 3D Design

(ref. #10)



Smile Design Overview

Objectives for You

Pay attention to your patient's chief complaint.

Learn some efficient and professional photography skills.

Learn and refine your Full Arch Intra-Oral Digital Scans.

Learn and practice (**Medit** or **3Shape**) 2D Design Software if available.

Special Credits and Acknowledgements

Dr. Nate Lawson	Karla Wright	CDOCS
Dr. Augusto Robles	Markettea Reed	Dentsply Sirona inLab 22
Dr. Chin-Chuan Fu	James Bradley	Medit Smile Design
Dr. Dan Givan	Nellie Baghaei	Trios Scanners
Jahnvi	Lauren Brashear	3Shape Smile Design
	Kaytlyn Carlson	
	Brandon Englert	
	Brandon Hardy	
	Josh Huff	
	Henry Kendrick	
	Andrew Lisy	
	Bobby Patel	
	Turner Shirley	
	Brooklyn Williamson	

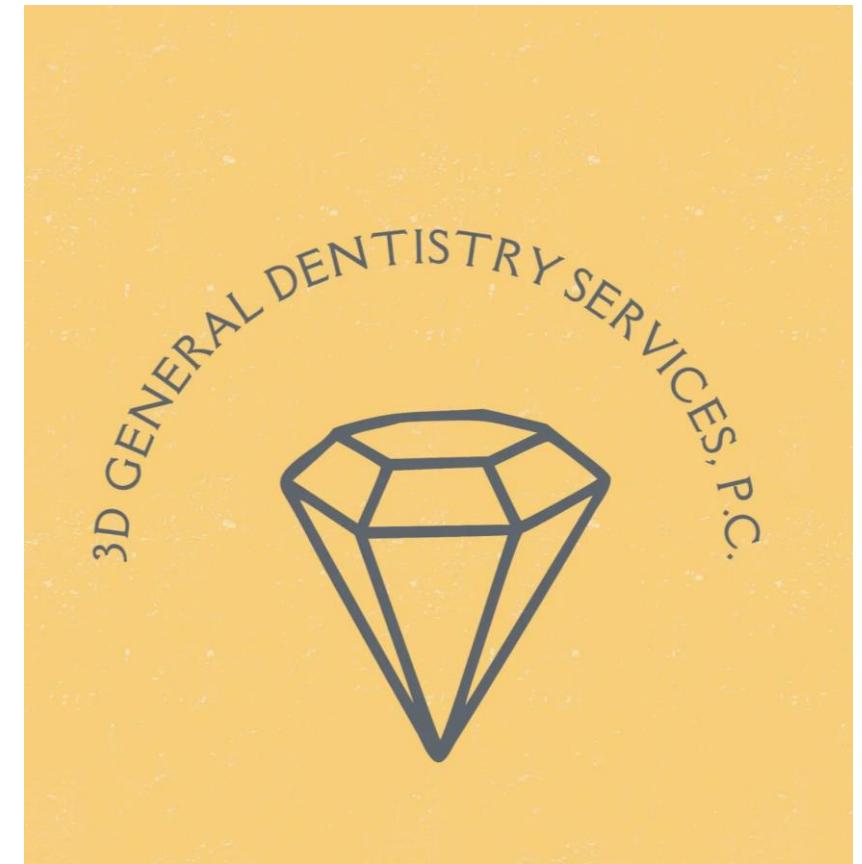
References

1. CDOCS. CEREC Doctors cdocs.com
 - a. Level 4 Anterior Esthetics,
 - b. Level 5 Comprehensive Restorative Care with a Digital Workflow. CDOCS and Spear Education
 - c. Level 6 Advanced Cerec Software Mastery
2. Orthodontic/Esthetic Consultation Sheet based off of Align Technologies certification Orthodontic Quick Check form distributed by CE presenting doctor, 10/3/2008.
- 3.. Photo Set 8 based on Invisalign composite creator, c. 2008.
4. Quickmount FaceBow With Screw: Model 8645 Whip-Mix Corporation, Patterson Item #: 727-6959, Mfg. Item #: 15911
5. **Trios 3 Shape** Smile Design You Tube Tutorial link:
<https://www.youtube.com/watch?v=omuAeyFOmto>
6. **MeditLink.com**. Smile Design Application
7. **Medit Link** Smile Design You Tube Tutorial link:
[Medit App_Medit Smile Design v1.2 \(ENG\) - YouTube](https://www.youtube.com/watch?v=omuAeyFOmto)
[Workflow guide on how to design smile with Medit 'Smile Design' App - YouTube](https://www.youtube.com/watch?v=omuAeyFOmto)
8. Harbor Freight Digital Caliper
<https://www.harborfreight.com/hand-tools/measuring-marking/calipers-micrometer/calipers/6-in-digital-caliper-with-sae-and-metric-fractional-readings-63731.htm>
9. Frank Spear, Spear Education. "Facially Generated Treatment Plan" concept and Spear Templates.
10. Dentsply Sirona inLab 22 Software. <https://www.dentsplysirona.com/en-us>
11. Determining the widths of the maxillary anterior teeth for esthetics: Comparison of the Mondelli and Albers formulas, esthetic proportion, and golden ratio. Garrido, Magalhaes, Mamani, and Mondelli. General Dentistry, May/June 2024, Pgs. 26-32

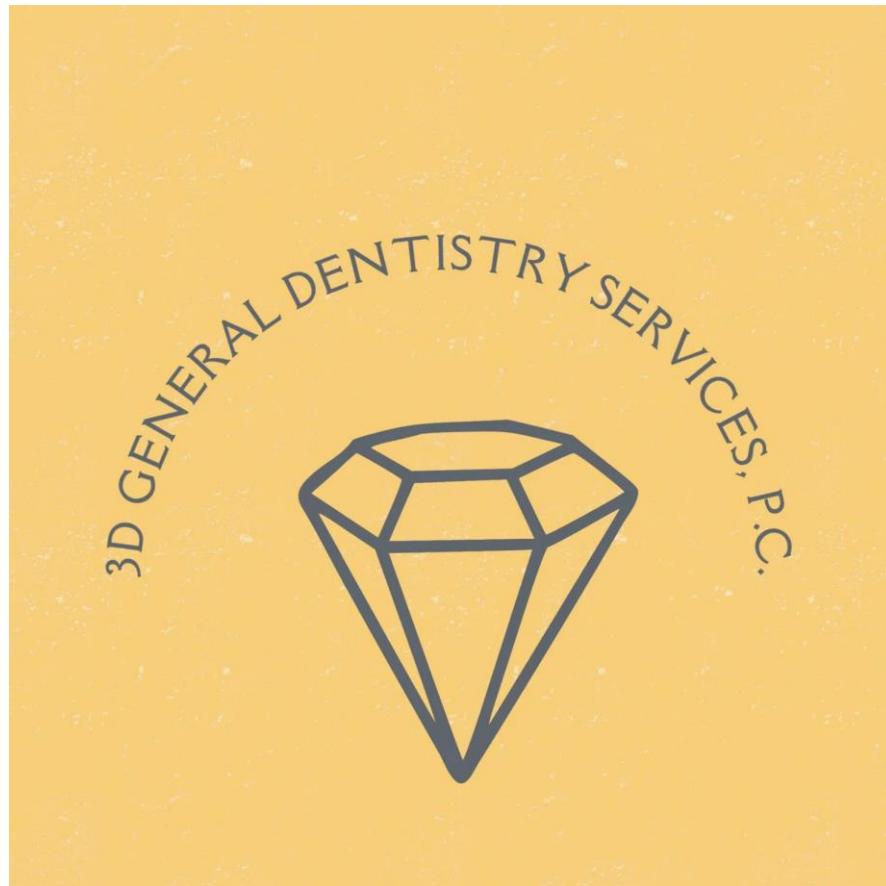
Smile Design: 2D

Door Prize!!!!

2D Smile Design (6-10 Teeth)



Thank you for your attention!!!



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