



MAXILLO-FACIAL
SURGERY INSTITUTE
IRVINE

Orthognathic Surgery Evaluation



Surgeon: Andrei Marechek, MD, DDS
Consult Date: November 4, 2024



MAXILLO-FACIAL SURGERY INSTITUTE

I R V I N E



Thank you for choosing Maxillo-Facial Surgery Institute, Irvine!

This is a report of our findings from your corrective jaw surgery evaluation.

Please feel free to reach out if you have any questions or concerns.



Youn Sagong, DDS

Andrei Marechek, DDS, MD



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Chief Complaint: I want to address my sleep apnea and I want to improve my aesthetics.

Orthodontic History:

Childhood orthodontics – currently not in orthodontics.

OSA – AHI 6.7 6/13/2024

CPAP Non-Compliant

Exam

Facial Analysis: Dolichofacial

Facial Asymmetry: None

Profile Analysis Convex

Maxillary Dental Midline: On

Mandibular Dental Midline: N/a – missing incisor

Dental Classification

Molar: II(slight)

Crossbites: none

Open Bite: Posterior left

Missing Teeth: Mandibular Incisor, 3rd Molars

Skeletal

Mandibular Hypoplasia

Dental

Slight Class II Dental relationship



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Preliminary Treatment Recommendation

Option one:

Modified Genioplasty with Genioglossus Advancement

Option two:

Extraction of lower 1st premolars

Orthodontic retraction

BSSO Mandibular Surgery

Lefort I Maxillary Surgery

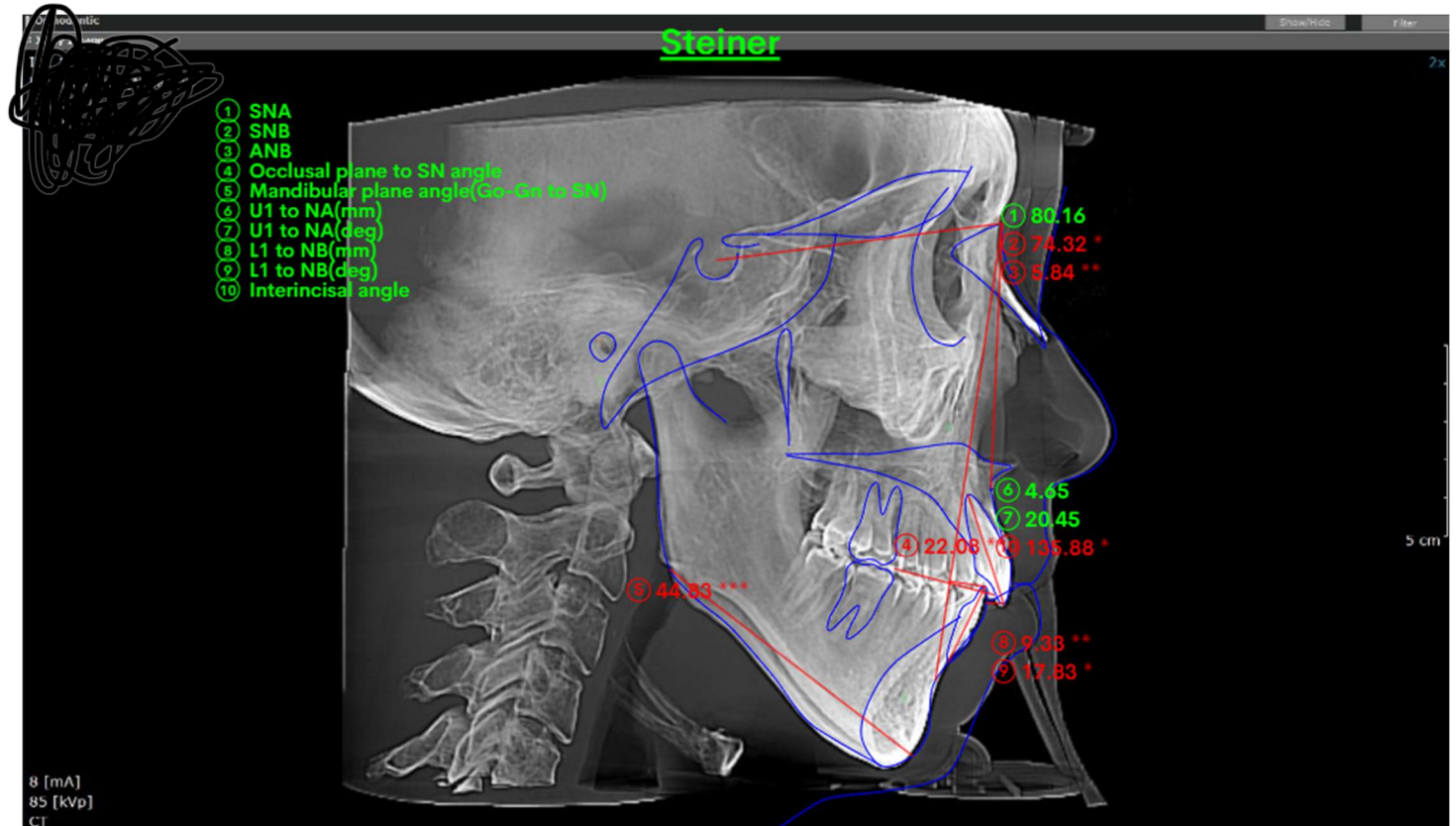
Genioplasty

Next Steps:

Insurance Prior Authorization

Surgery Date

Surgical Planning



Steiner

	Mean	S.D.	Result	Severity	Polygonal chart	Meaning
SNA	81.77	6.0	80.16			Normal A-P position of maxilla
SNB	80.42	5.3	74.32	*		Retruded mandible
ANB	2.05	1.8	5.84	**		Skeletal Class II
Occlusal plane to SN angle	14	4.0	22.08	**		Steep occlusal plane angle
Mandibular plane angle(Go-Gn to SN)	32	4.0	44.83	***		Hyperdivergent facial pattern
U1 to NA(mm)	4	3.0	4.65			Normal upper incisor
U1 to NA(deg)	22	5.0	20.45			Normal upper incisor inclination
L1 to NB(mm)	4	2.0	9.33	**		Protruded lower incisor
L1 to NB(deg)	25	5.0	17.83	*		Retroclined lower incisor
Interincisal angle	128	5.3	135.88	*		Uprighted interincisal angle