

Overcoming Disability Through Oral Health

Prepared for Excellence Day by

Kyle Schwartz c/o 2022

UNIVERSITY OF THE
PACIFIC
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School of Dentistry



Patient Overview

- Rodolfo
- 60 YO Male
- CC: "I want a better-looking bridge"
- HPI: Bridge fabricated approximately a decade ago in South America
- MH: Tumor removed on left ankle 2021
- SH: Hernia surgery 11/2020
- DH: Moderately restored. UoP pt since 2016. BTS'd in 2017 for failed appointments
- SoCH: Patient has hearing disability and is mute. Is unable to read and write. Translation services provided by his mom who speaks Spanish. Communicates well with intuitive hand gestures. Previous heavy smoker. Loves action movies ie: Arnold Schwarzenegger and Chuck Norris.

Pre-Op Photos



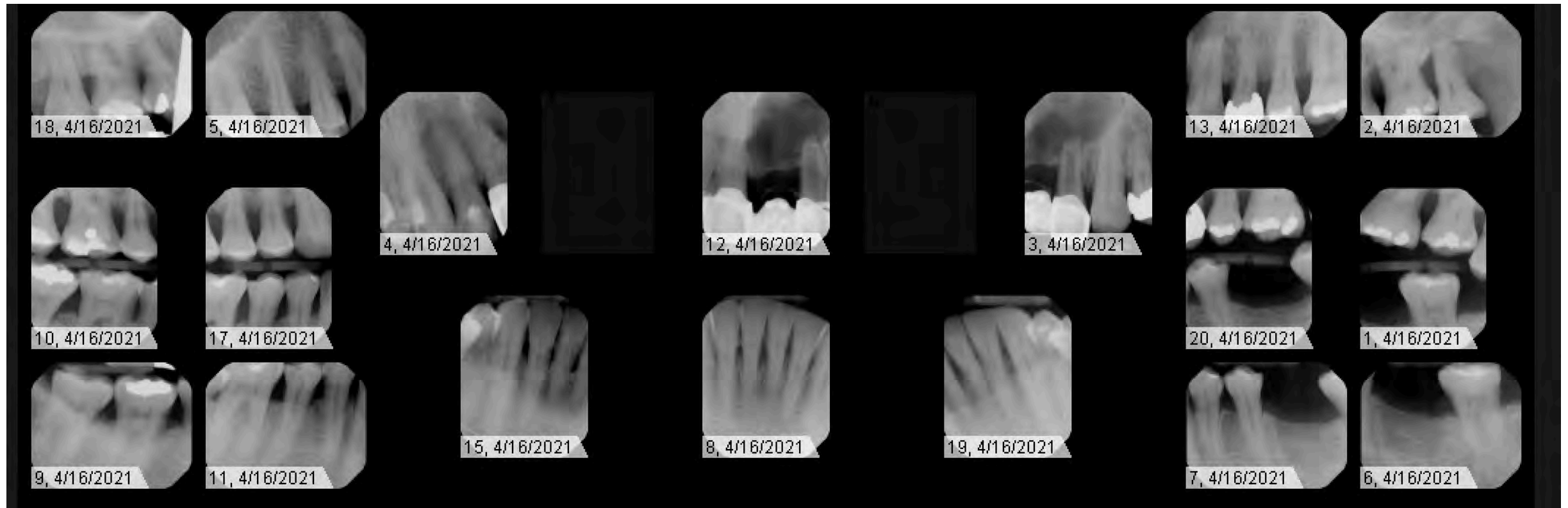
2/21/2017

Occlusal Pre-Op



2/21/2017

FMX



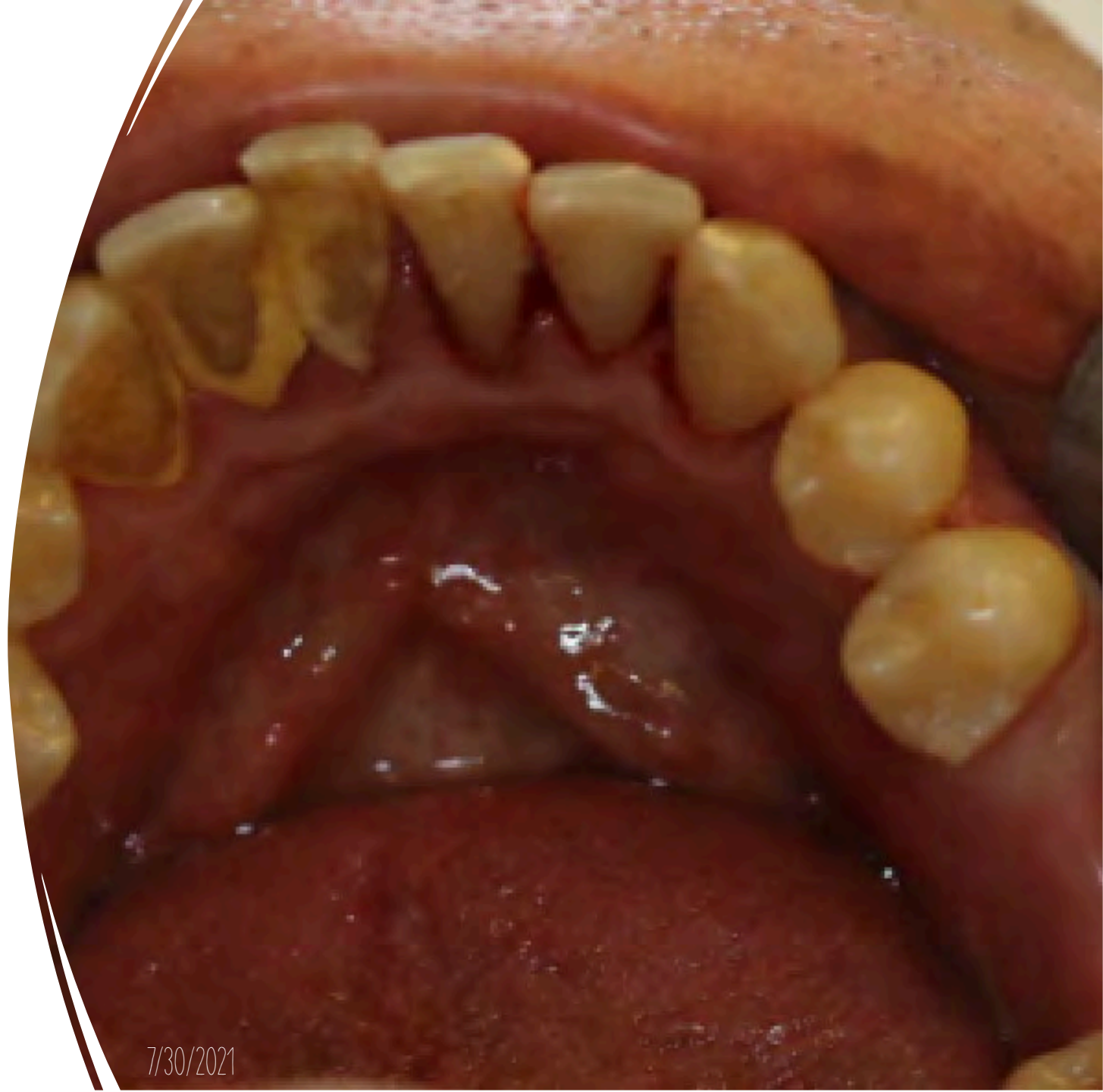
Perio Charting

3 3 4	8 3 5	8 2 3	3 2 5	3 2 3	5 2 3	2 1 2	3 1 2			5 1 4	3 3 3	3 3 5	6 1 5	3 2 5	5 1 4	4 4 4	PD
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	2	2												1			Furcation
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0	0	0	0	0	0	0	1			1	0	0	1	0	0	3	Mobil
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		
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NNN	NNN	BBB	BBB	BBB	BBB	BBB	NBN			BBB	BBB	BBB	BBB	BBB	BBB	BBB	Bleed
2 0 2	0-42	2-70	0-4-2	-1-3-1	-1-10	2 1 1	1 0 2			-3-22	0-12	2-22	1-20	-7-6-3	0-22	-3-3-3	FreeGM
1 2 2	4 6 3	2 10 4	4 6 6	5 5 5	4 3 3	1 1 2	2 1 2			6 5 2	3 2 1	1 5 1	3 4 3	119 6	5 5 1	6 6 8	Attach
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																	MG Inv
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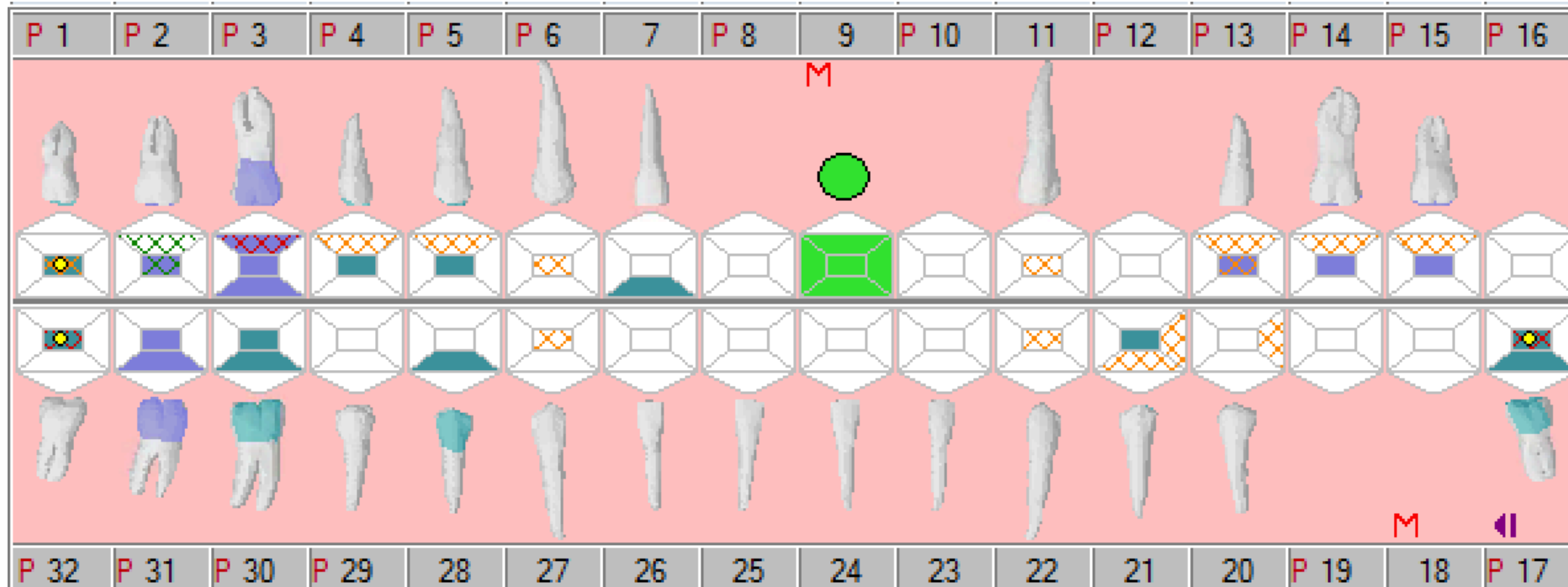
										DRD	DRD	DRD	DRR	RRR			RDR	Diag
																		Calc
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0 1 1	2 7 4	4 7 4	3 5 3	3 2 2	2 4 3	5 4 5	5 4 5	5 5 5	5 4 5	3 4 3	3 2 3	3 4 5	2 3 9	4 4 3	5 6 5	5 6 5	Attach	
3 2 2	0-40	-1-4-1	-1-20	0 0 0	0-20	-2-2-2	-2-2-2	-2-2-2	-2-2-2	0-20	0 0 0	0-2-3	1 0 0		-2-3-3	-2-3-3	FreeGM	
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										DRR	RRD	RDD	RRD	RRR			RRD	Calc
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3 0 2	2 0 2	-2-22	1-22	2-32	2-3-1	-1-1-1	-1-1-1	-1-1-1	-1-1-1	0-22	0-20	-1-1-1	0-11		0-10	0-10	FreeGM	
NNN	NNN	BNB	BNN	NNN	NNN	NBN	NNN	BBB	NNN	NBN	NBN	NBN	BBB		NBN	NBN	Bleed	
4 2 4	4 2 4	5 3 4	5 2 3	3 2 3	3 3 3	3 3 3	3 2 2	2 2 3	3 2 3	3 1 3	3 3 3	3 2 3	5 3 13		4 4 3	4 4 3	PD	

Perio Charting and Diagnosis

- Generalized Chronic Moderate Periodontitis
- Stage III Grade B
- Tx Plan: OHI, SRP, ITE



Hard Tissue



- CRA: High overall caries risk
- CAMBRA: 5000 ppm fluoride toothpaste
- pH: 7 or above
- ATP: 8429

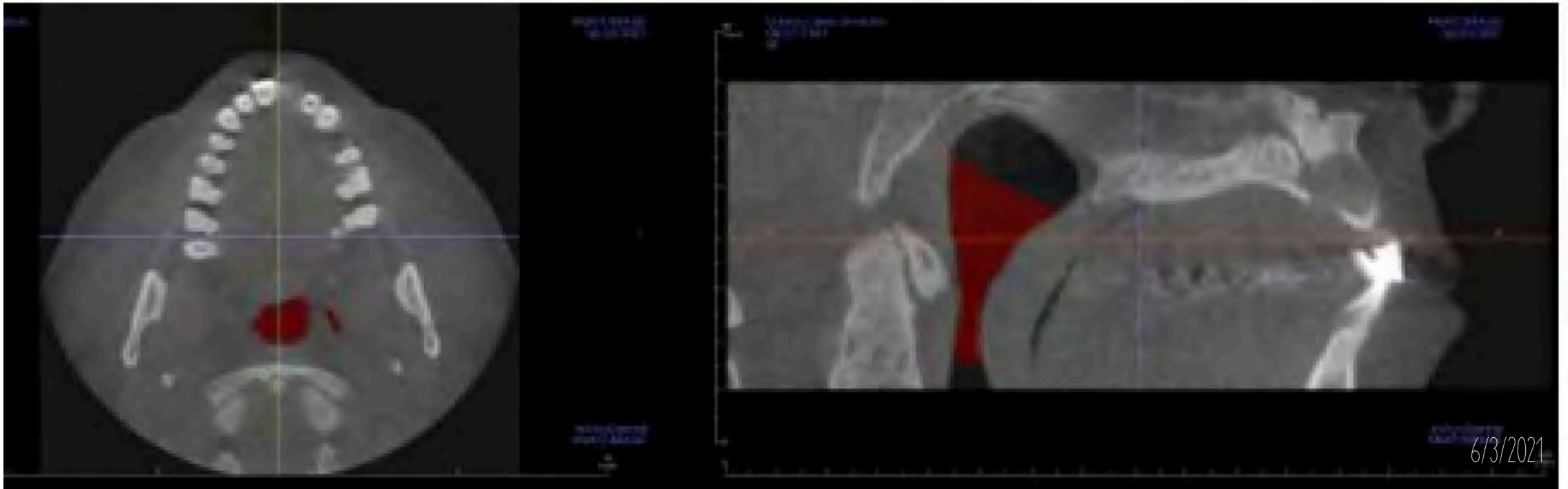
Tx Plan

Diagnosis	Procedure	Procedure Description	Site	Surf.	Phase	Seq.	Sts.	Estimate	Ins. Est.
Generalized Moderate	D4341	Scaling/rt planing 4 or more	UR			0	P	70.00	70.00
Generalized Moderate	D4341	Scaling/rt planing 4 or more	UL			0	P	70.00	70.00
Generalized Moderate	D4342	Scaling/rt planing 1-3 teeth	LR			0	P	42.00	42.00
Generalized Moderate	D1330	Oral hygiene instructions				0	P	0.00	0.00
Generalized Moderate	D0180P	ITE Comprehensive Periodontal Eval - \$0				0	P	0.00	0.00
Generalized Moderate	D4341	Scaling/rt planing 4 or more	LL			0	C	70.00	70.00
		Estimated Total						252.00	252.00

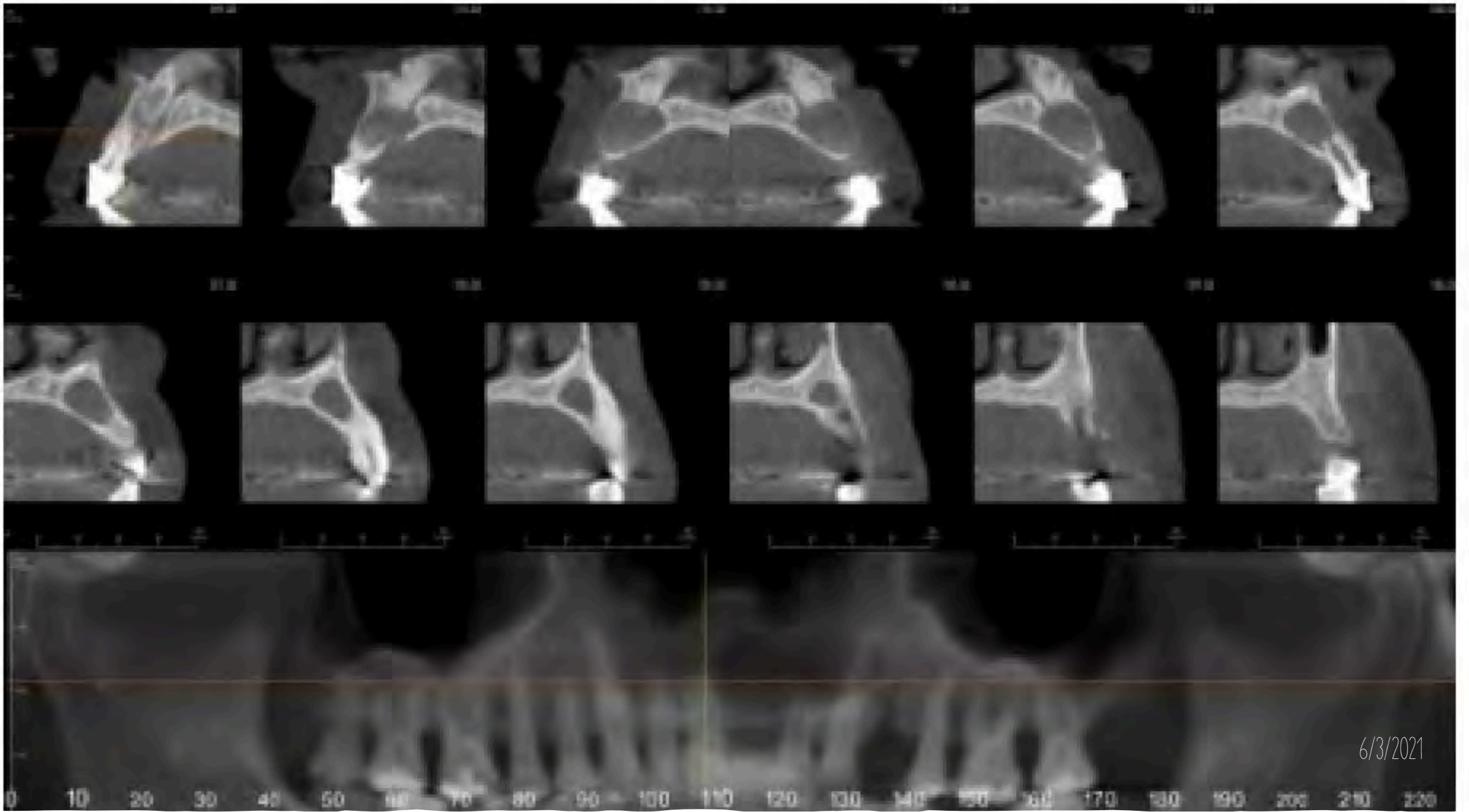
Diagnosis	Procedure	Procedure Description	Site	Surf.	Phase	Seq.	Sts.	Estimate	Ins. Est.	^
Pulp Necrosis	D7285	Incisional Biopsy of oral tissue - hard	8			0	C	140.00	140.00	
Recurrent active mod	D2391	Resin-based comp-1 surf, post.	1	O		0	P	54.60	54.60	
Recurrent active mod	D2391	Resin-based comp-1 surf, post.	32	O		0	P	54.60	54.60	
Recurrent active mod	D2391	Resin-based comp-1 surf, post.	17	O		0	P	54.60	54.60	
Missing teeth	D5820	Interim partial denture - Max	UA			0	P	579.00	0.00	
Missing teeth	D9120	Fixed part. denture sectioning	8			0	C	70.00	70.00	
Missing teeth	D5820	Interim partial denture - Max	UA			0	P	579.00	0.00	
Missing teeth	L5760-1	reline max partial denture-Reline	UA			0	P	0.00	0.00	
Missing teeth	D5213	Max partial - cast metal frame	UA			0	P	1193.00	0.00	
Missing teeth	L5213-1	RPD-max, cast	UA			0	P	0.00	0.00	
Pulp Necrosis	D7210	Surgical Extraction of erupted tooth	12			0	C	119.00	119.00	
		Estimated Total						3139.20	788.20	

CBCT

- Airway evaluation: Airway obstruction list = low
- Large radiolucency on anterior maxilla
- Appears to perforate the palate



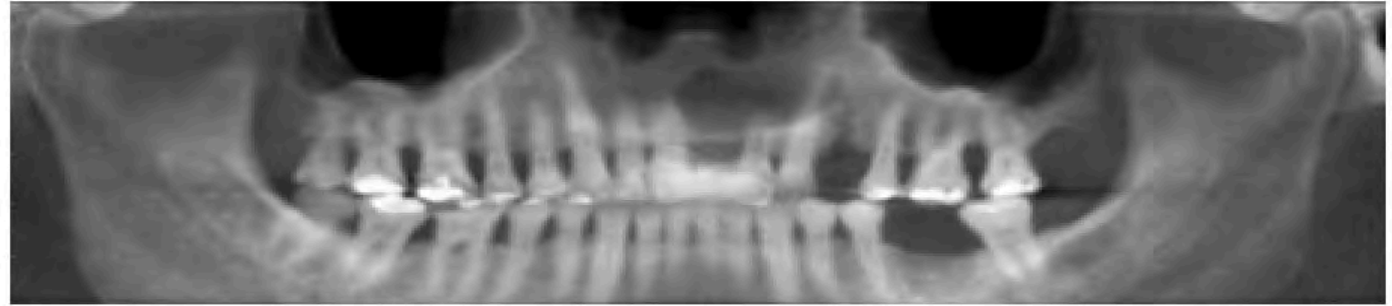
*For cone beam CT (CBCT), the smallest field-of view that achieves the diagnostic objective should be used. United States Environmental Protection Agency. [Federal Guidance Report No. 14: Radiation Protection Guidance for Diagnostic and Interventional X-Ray Procedures](#). November 2014. Accessed February 18, 2019.



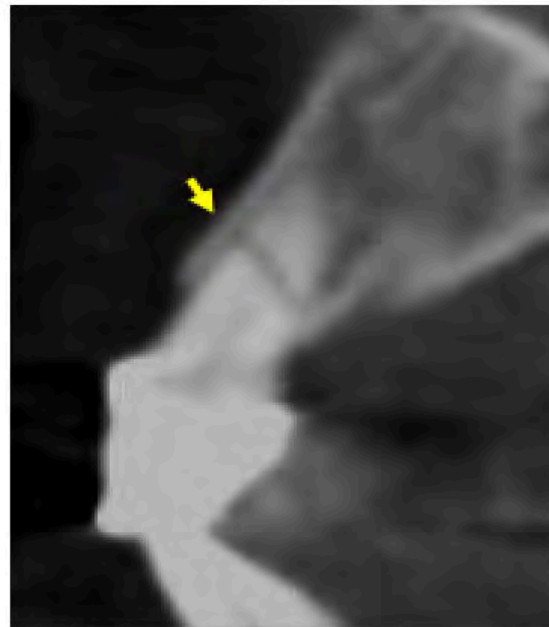
6/3/2021

CBCT Findings

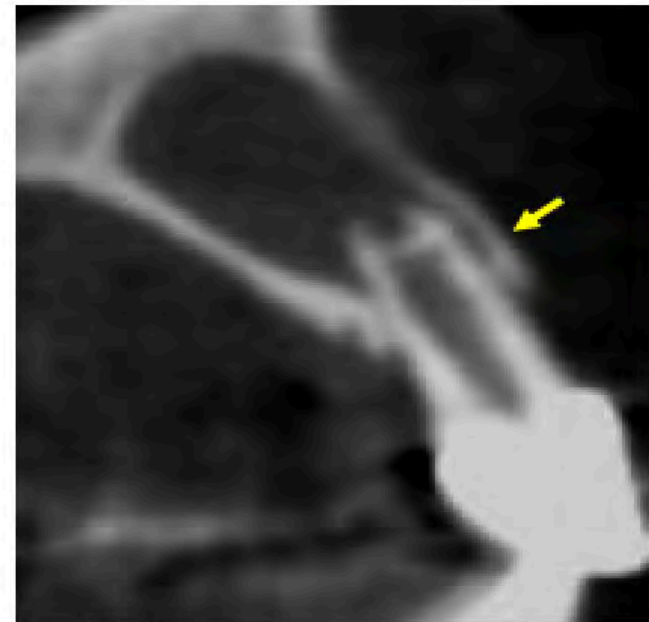
- Horizontal root fracture #8
- Internal resorption #10
- Radiolucency on anterior maxilla



Panoramic reconstruction L



Tooth #8
Sagittal view



Tooth #10
Sagittal view

Differential Diagnosis

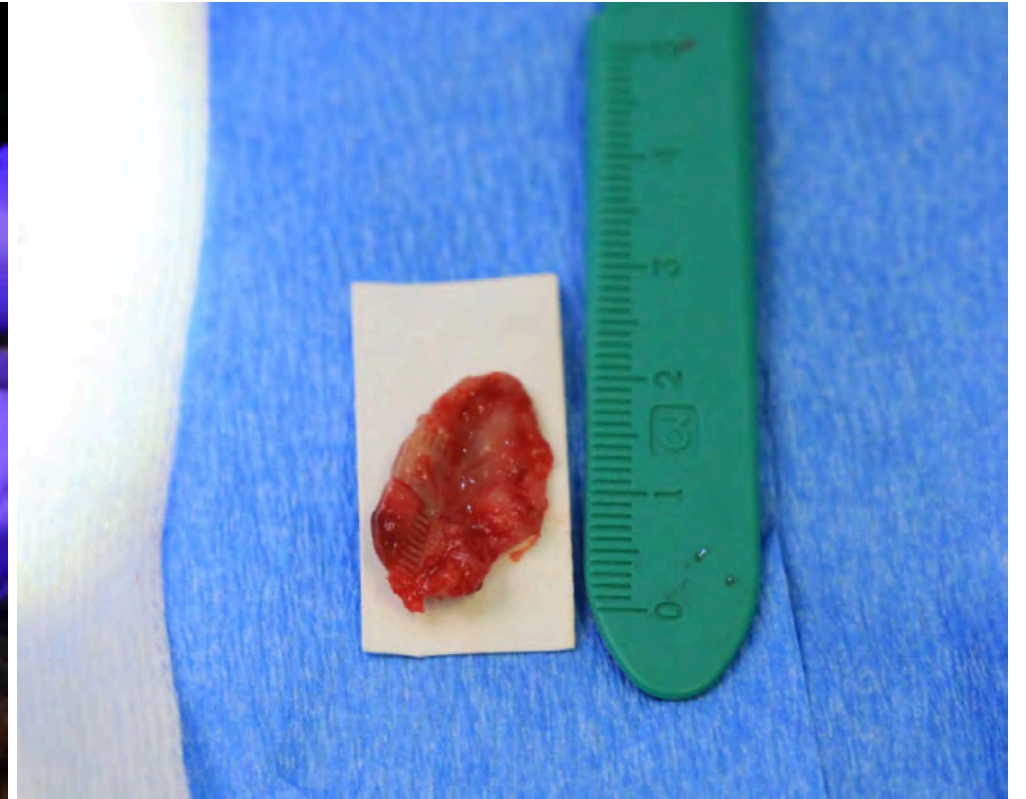
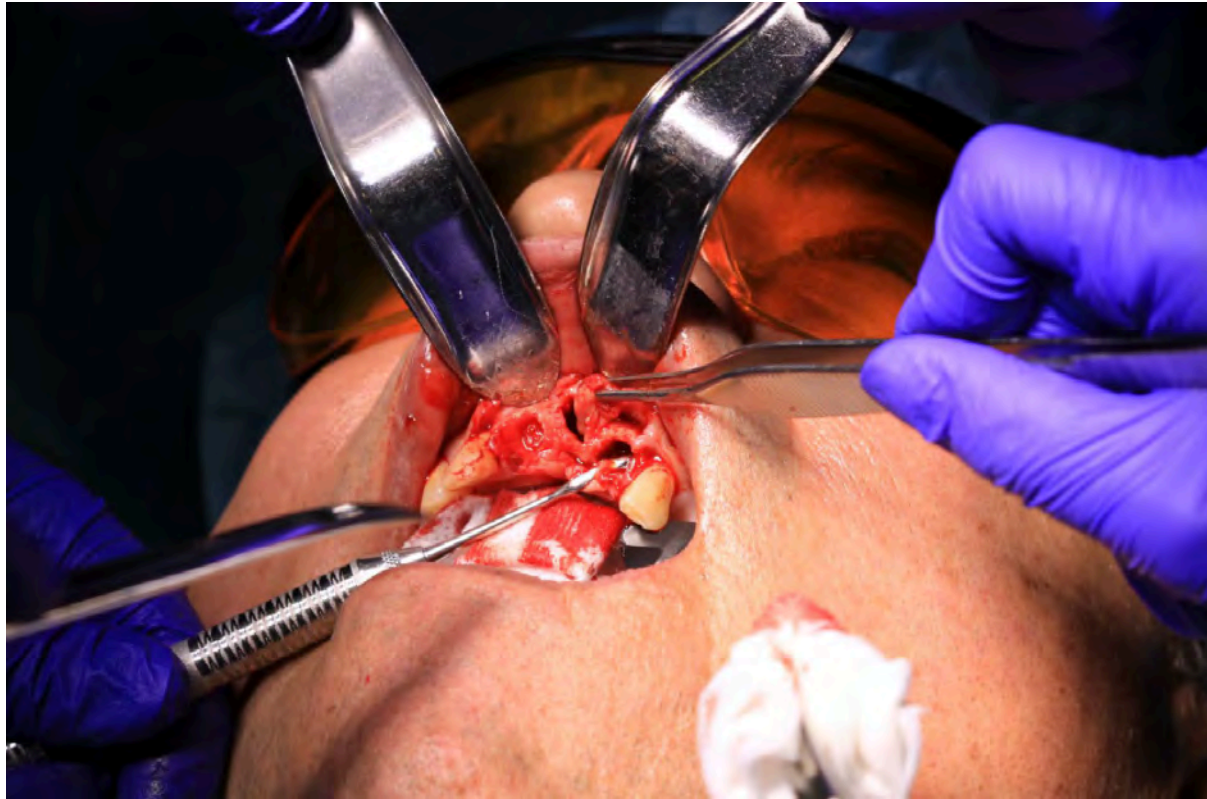
Comments:

#1, #2, #3: The differential diagnosis may include but is not limited to Nasopalatine Duct Cyst, Residual Cyst, Odontogenic Keratocystic Tumor, Central Giant Cell Granuloma. Extraction of teeth #8 and #10 is recommend with curettage and biopsy

EXT #8, #10,



Enucleation



Biopsy Definitive Diagnosis

LOCATION: Anterior maxilla, area #9-10

DIAGNOSIS: MILDLY INFLAMED CYST (SEE COMMENT)

Comment: The radiology report has also been reviewed. Given the microscopic and radiological features, this cyst could be compatible with either a residual cyst or a nasopalatine duct cyst. There is no evidence of an odontogenic keratocyst or of an ameloblastoma. There is no evidence of malignancy.

1-Week Post Op

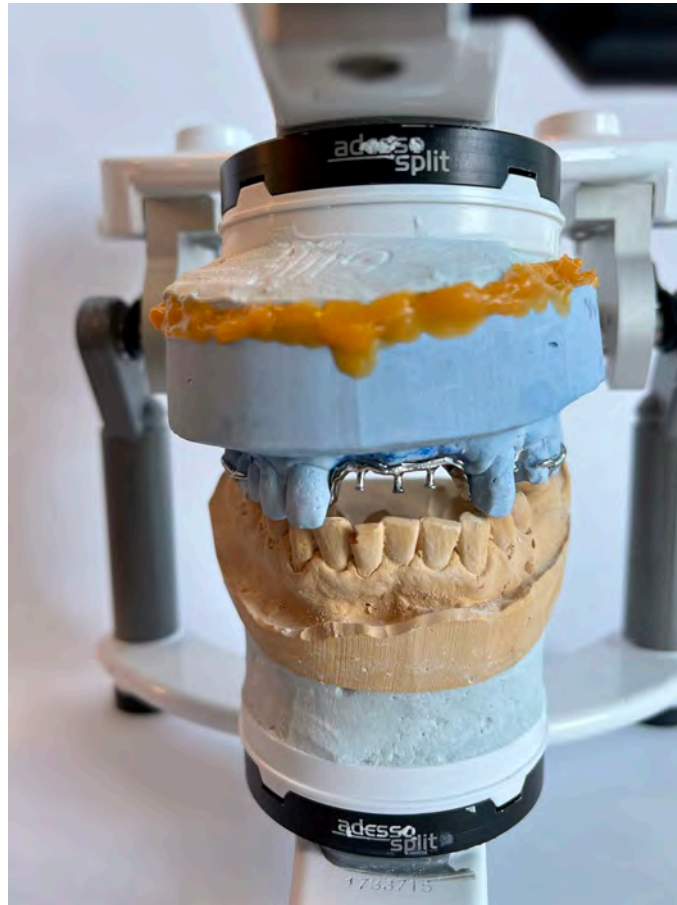


10/27/2021

6-month post op radiographs



Framework



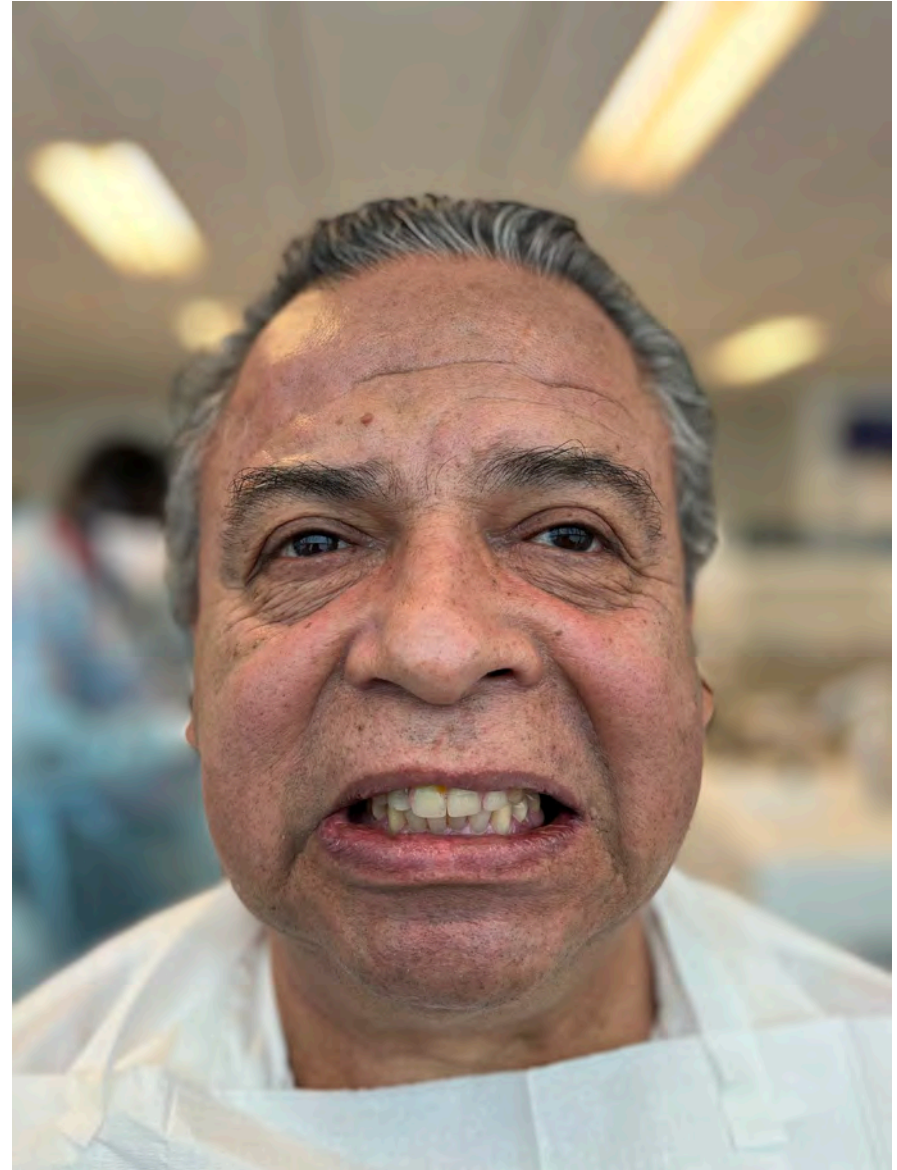
Framework Cont.



Maxillary Partial Try in



NV: Delivery



4/18/2022

Delivery

Patient loved the:

- Shade
- Shape
- Retention
- Occlusion





5/11/2022



5/11/2022

Faculty Acknowledgement

- Dr. Michael Thomas
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