
A Multidisciplinary Oral Rehabilitation

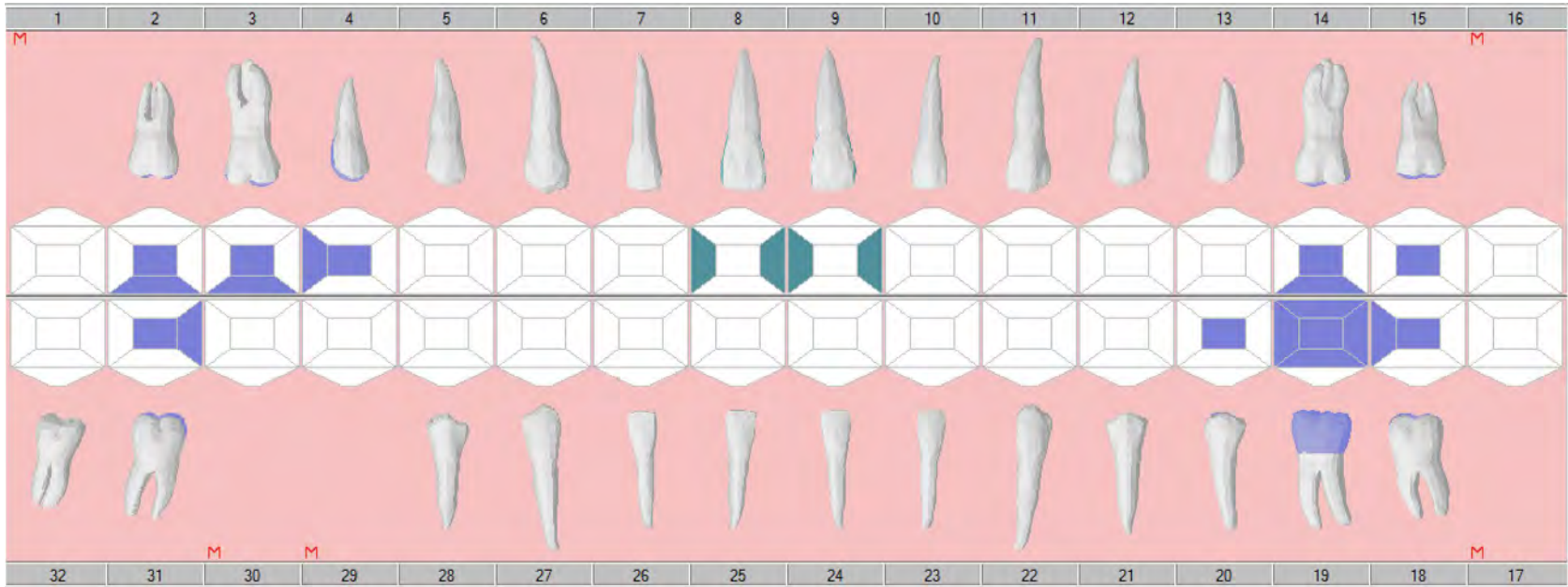
— Ramteen Rafii - DDS 2021 —

Patient Information

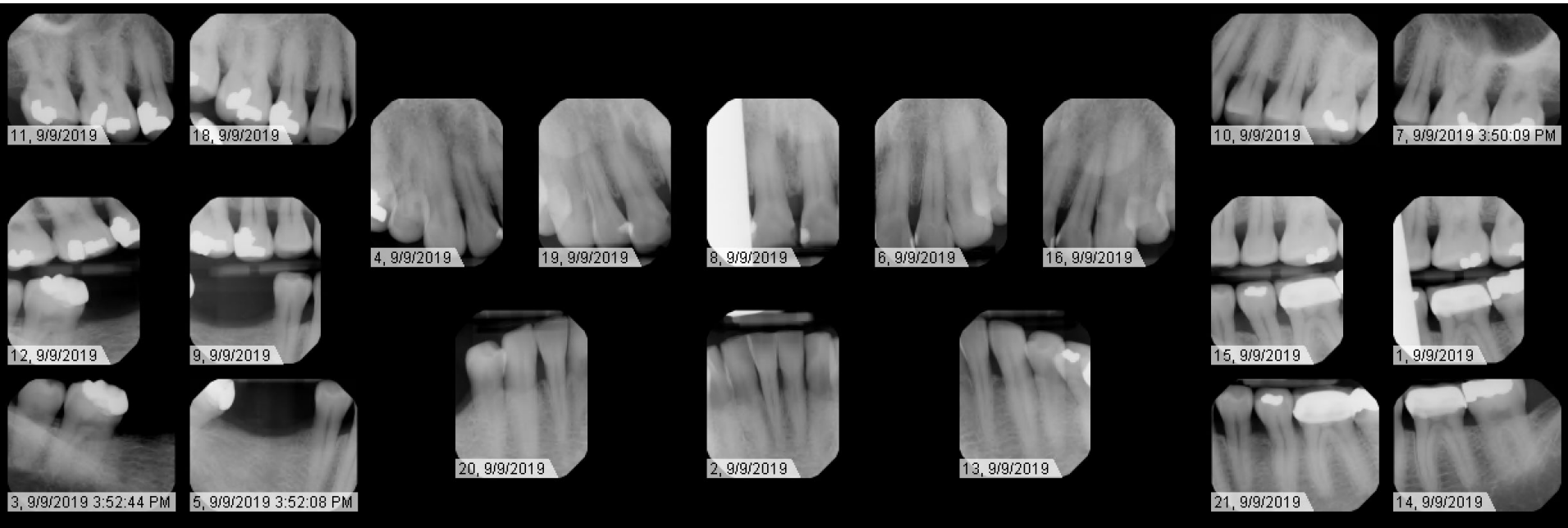
- 46 y/o Male
- Chief Concern - “I want to fill the spaces where I don’t have teeth, I want to fix my broken teeth, floss shreds when I floss my bottom left molars, and I want to replace my silver fillings to tooth colored fillings”
- HCC - Patient lost #29 & #30 about 26 years ago due to caries. He fractured the facial surfaces of #8 & #9 a year back and recently fractured the ML cusp of #18 while eating.
- MH - Non-Contributory
- Meds - Pt reports no medications
- Allergies - NKDA, seasonal allergies
- DH - Last time he saw a dentist was 5 years ago because of tooth pain.
- SH - Patient lives in Chico with his wife and daughter. He works in San Francisco as a painter. He moved from Oaxaca Mexico in 1995. Pt is a recovering alcoholic and is 12 years sober.



Initial Odontogram



Initial FMX





1, 12/12/2019 5:39:16 PM

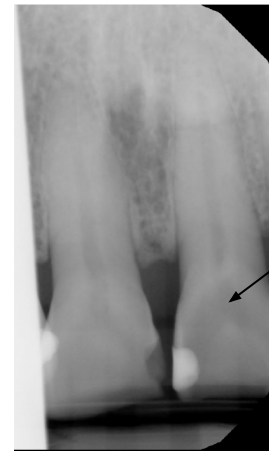




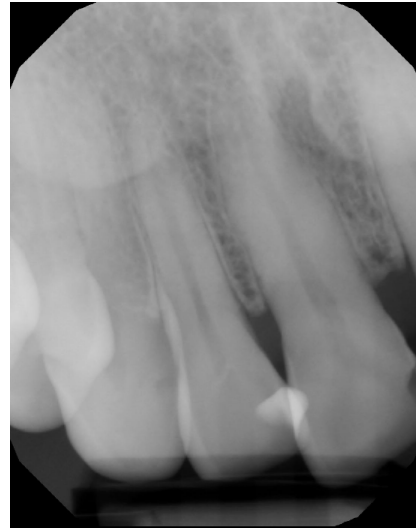


Radiographic Findings

- Loss of tooth structure mentioned in patient's Chief Concern can be seen radiographically
- Missing restoration on #8

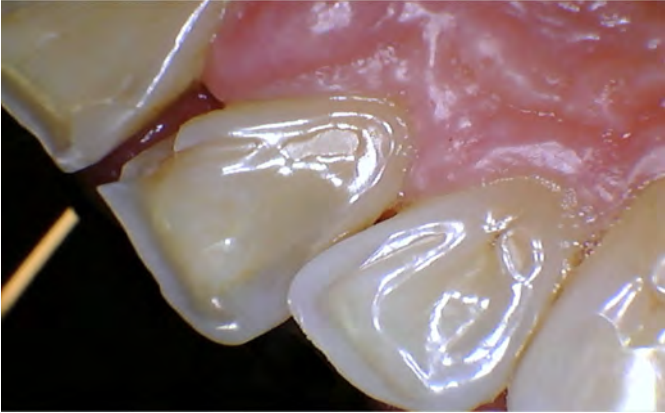


Radiolucency



Clinical Photos

- Erosion Visualized on both F and L surfaces of #8 & #9
- Missing ML restoration on #8



Radiographic Findings

- Large MO amalgam and fractured ML cusp on #18
- PFM crown on #19. Recurrent Decay was seen clinically



Radiolucency from Fractured Cusp



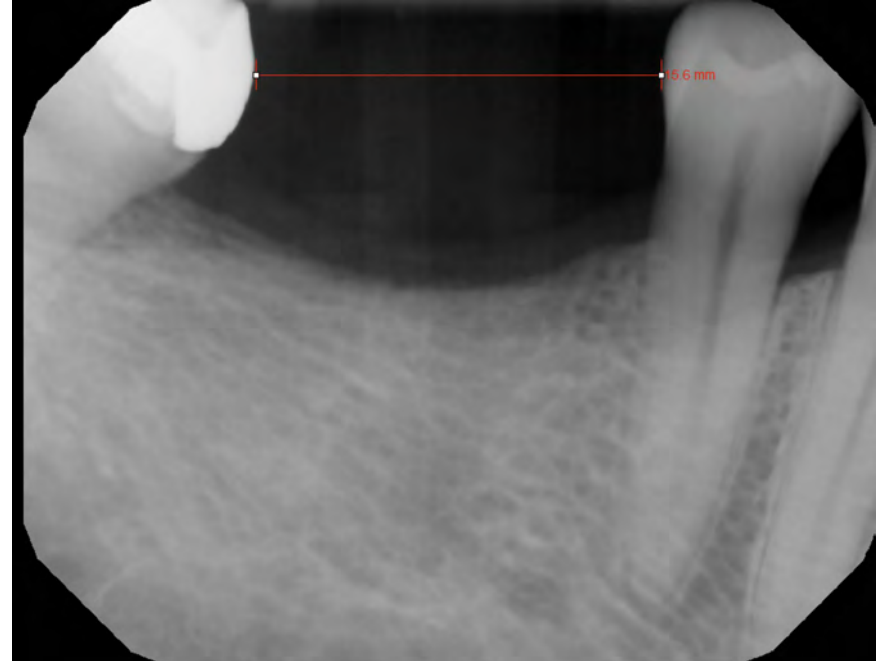
Radiographic Findings

- #31 is tipped mesially due to loss of #29 and #30
- Onlay of #31 has an open margin and recurrent decay



Radiographic Findings

- 15.6mm span of edentulous space
- IA Canal far from ridge crest



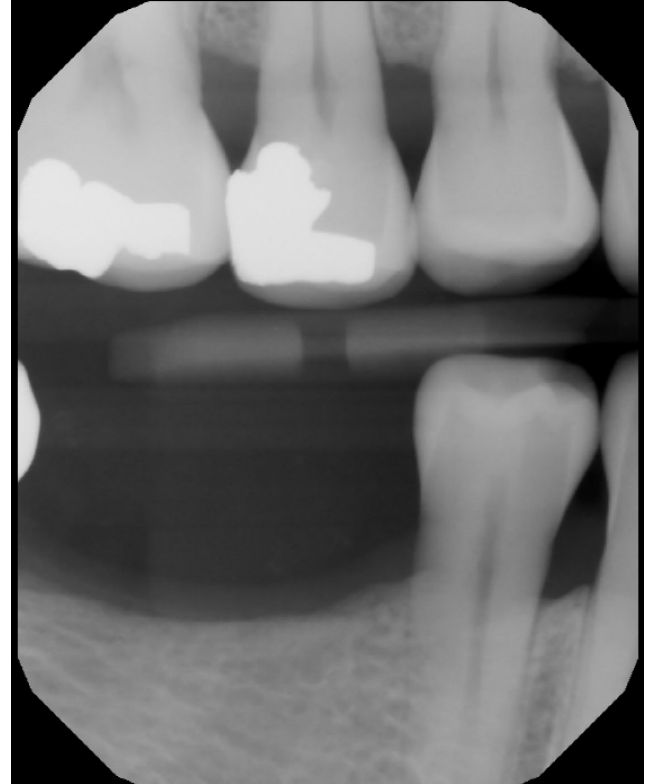
Hard Tissue Findings

Findings:

- #2 and 3 OL Amalgam
- #4 DO Amalgam
- #7 M, 8 M&D, 9 M&D, 10 M - Composite
 - 8 Mesial Composite Restoration missing
- #8 and 9 fractured facial surface
- #9 Missing Restoration
- #14 OL Amalgam
- #15 O Amalgam
- #18 MO Amalgam. Fractured ML cusp
- #19 PFM Crown - Overhanging Margin
- #20 O Amalgam
- #29 & #30 missing
- #31 Metal Onlay - Large Open Margin

	3 2 3	3 2 3	2 2 3	3 2 3	3 2 3	3 2 3	3 2 3	3 2 3	3 2 3	3 2 3	3 3 3	3 2 3	4 2 3	3 2 3			
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	1	2	P 3	4	5	6	7	P 8	P 9	10	11	P 12	P 13	P 14	15	16	
M																	M
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P 32	P 31	30	29	28	P 27	P 26	P 25	24	P 23	22	21	P 20	P 19	P 18	17		
5 3 3	3 2 2			2 2 3	3 2 3	3 2 3	3 2 3	3 2 2	2 2 3	3 2 3	3 2 3	4 2 3	4 3 3	3 2 4			
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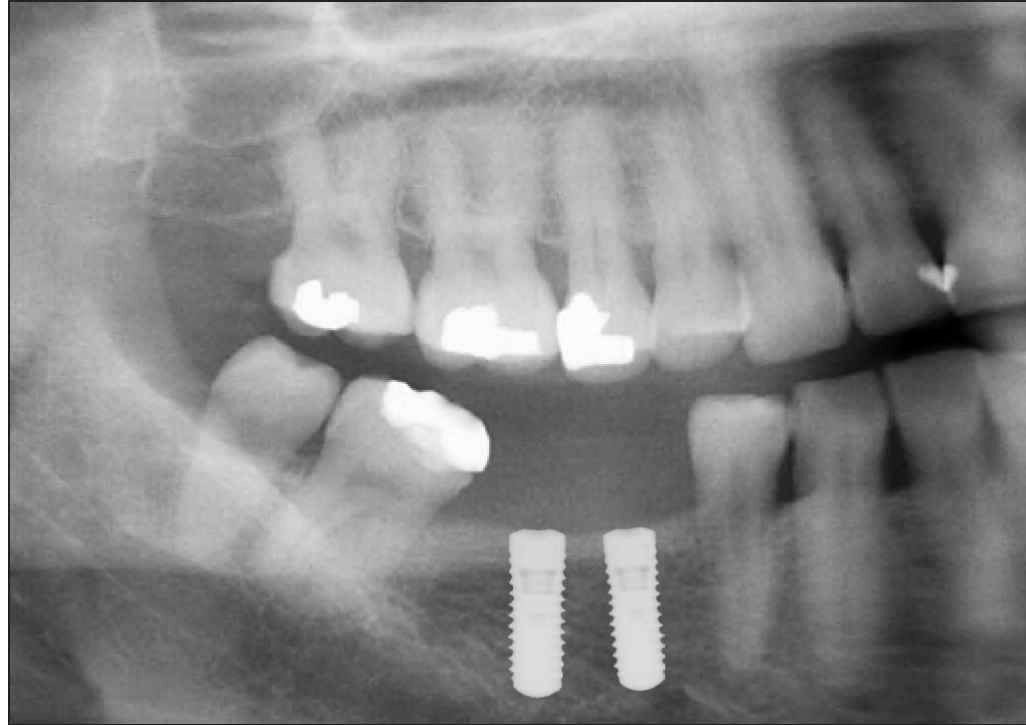
Large and Potentially deep #4 DO amalgam...
better to leave it alone.



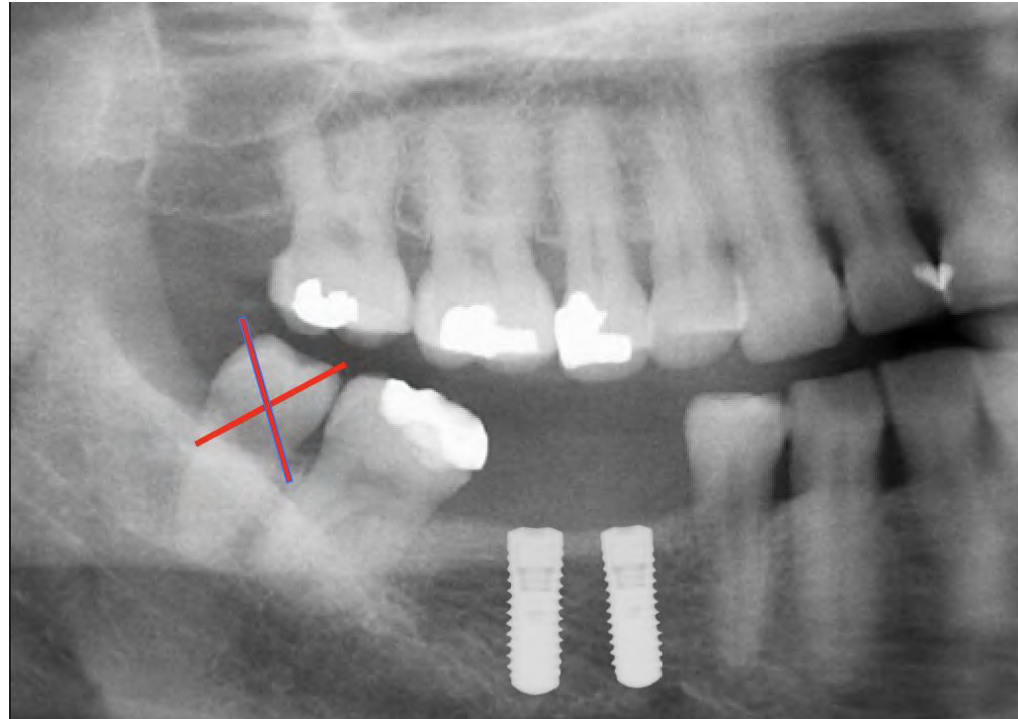
Implant Work-flow



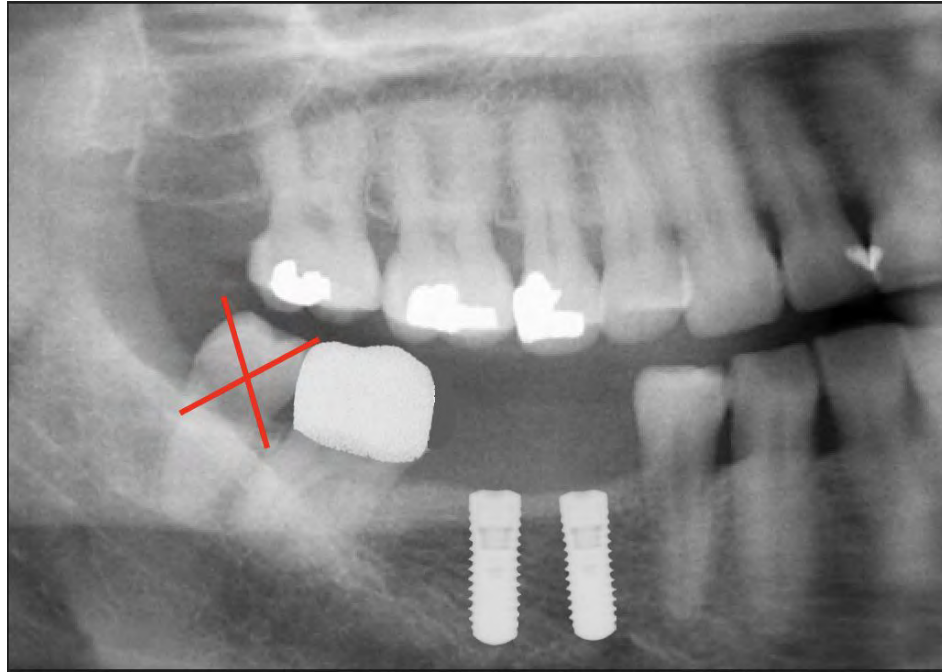
Problem: Insufficient space for 2 implant crowns



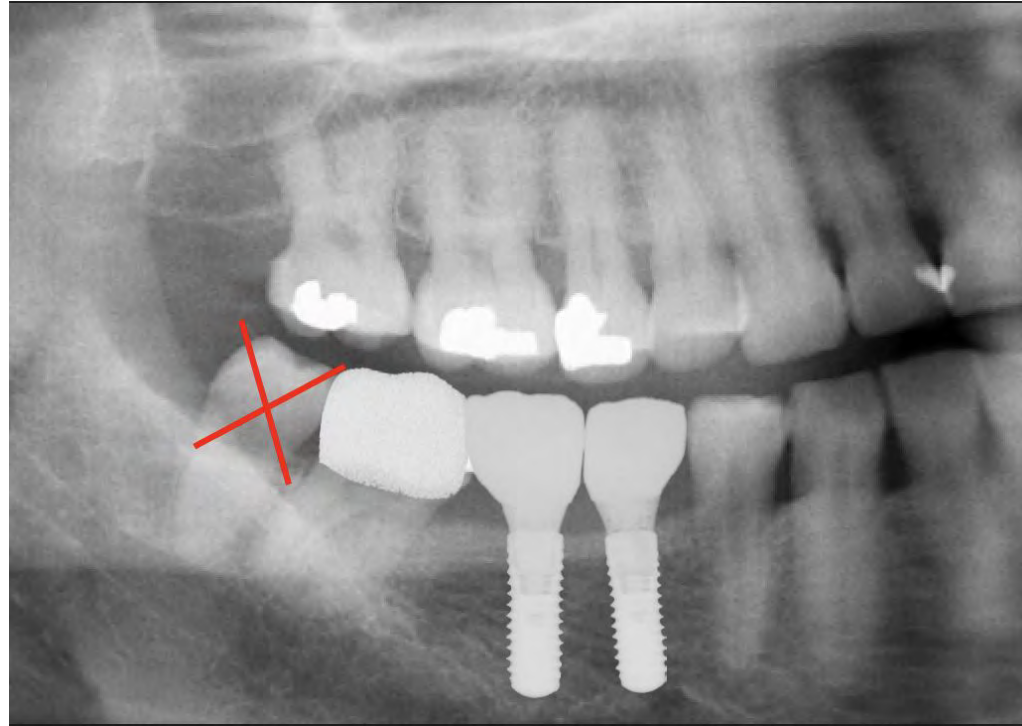
Solution: Extract #32

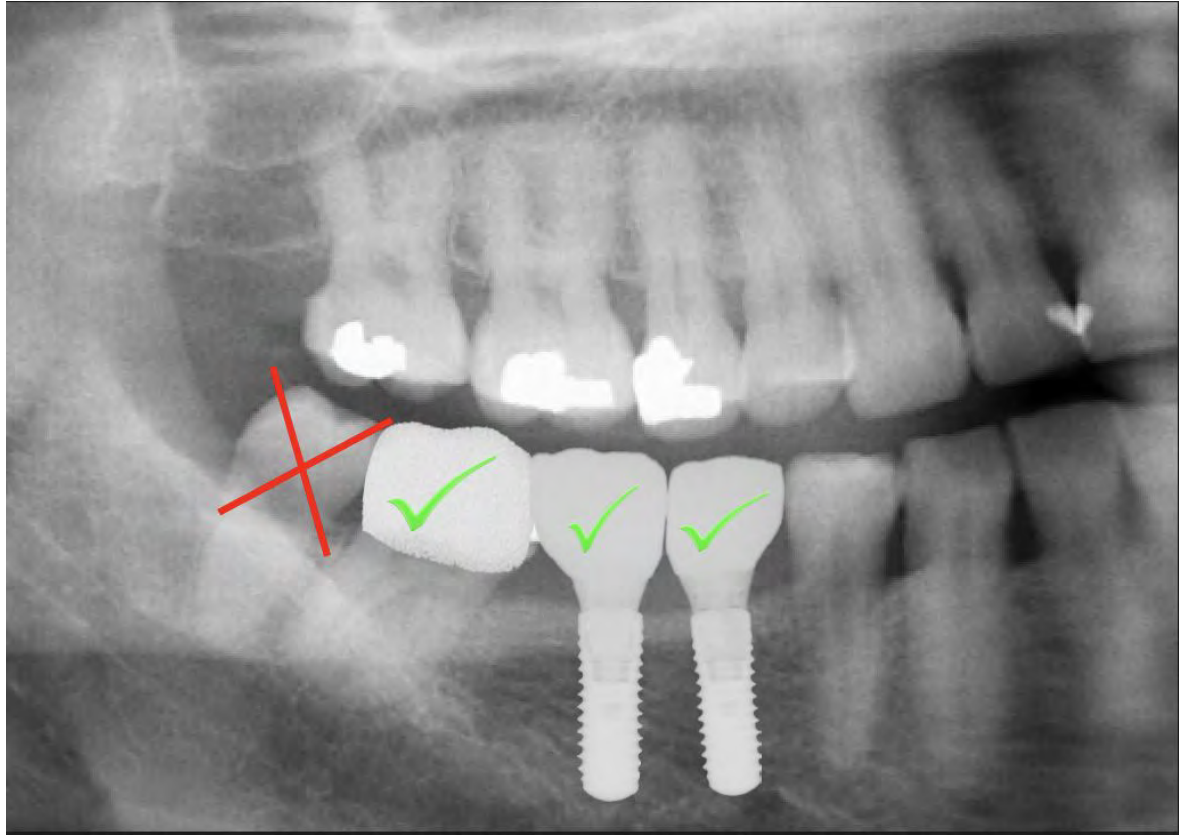


Solution: Place Zirconia Crown on #31 to Upright tooth



Gained 2-3mm of space for Implant Crowns

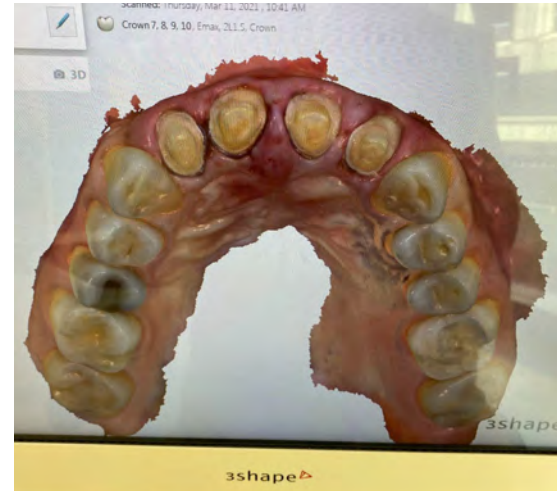
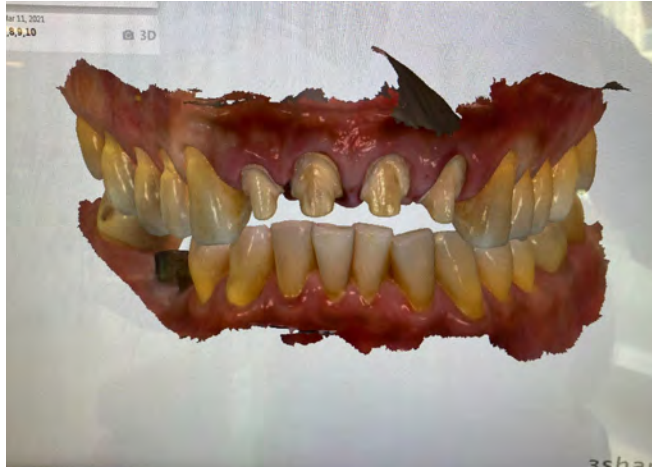




Clinical Result



Utilization of Digital Dentistry - Trios Scanner



Temporaries in Place

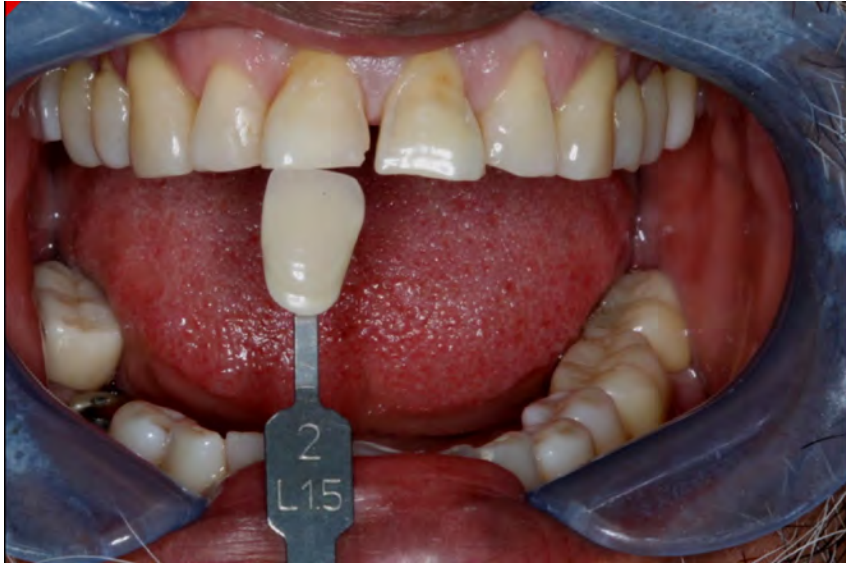


Smile Design

- Temporaries used for both the patient and myself to offer feedback
- Photos sent to lab for them to make necessary adjustments on final restorations



Shade Matching



Final Result!



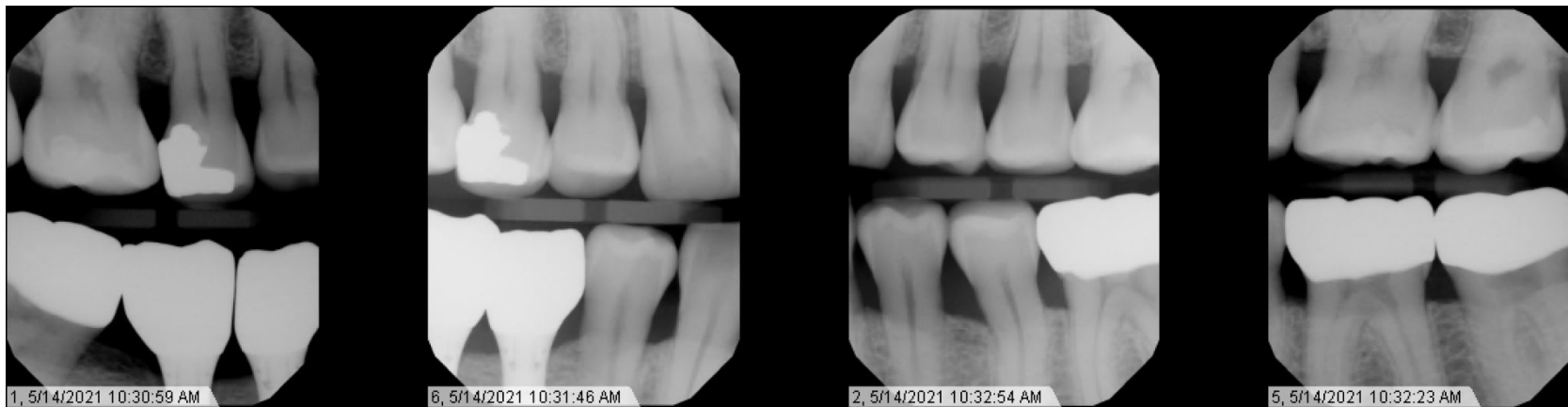
Final Result!



Final Odontogram

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1	P 2	P 3	P 4	P 5	6	7	P 8	9	10	11	P 12	P 13	P 14	15	16
M															M
32	P 31	30	29	P 28	P 27	P 26	25	24	23	22	P 21	P 20	P 19	18	17
	3 2 3	2 1 1	1 1 2	3 2 5	3 2 4	4 2 3	3 2 3	3 2 3	3 2 3	3 2 3	3 2 3	3 2 3	3 3 3	3 2 3	
	3 2 3	3 2 1	1 1 2	3 2 3	3 2 4	4 2 3	3 2 3	3 2 3	3 2 3	3 2 3	4 2 3	4 2 3	3 2 3	3 2 3	

Radiographs taken at recall



Before/After



Before/After



Additional Intraoral Photos

#20 Prep & Fill



#18 Presented with Large MO amalgam and ML cusp Fracture



Old restoration and caries removed

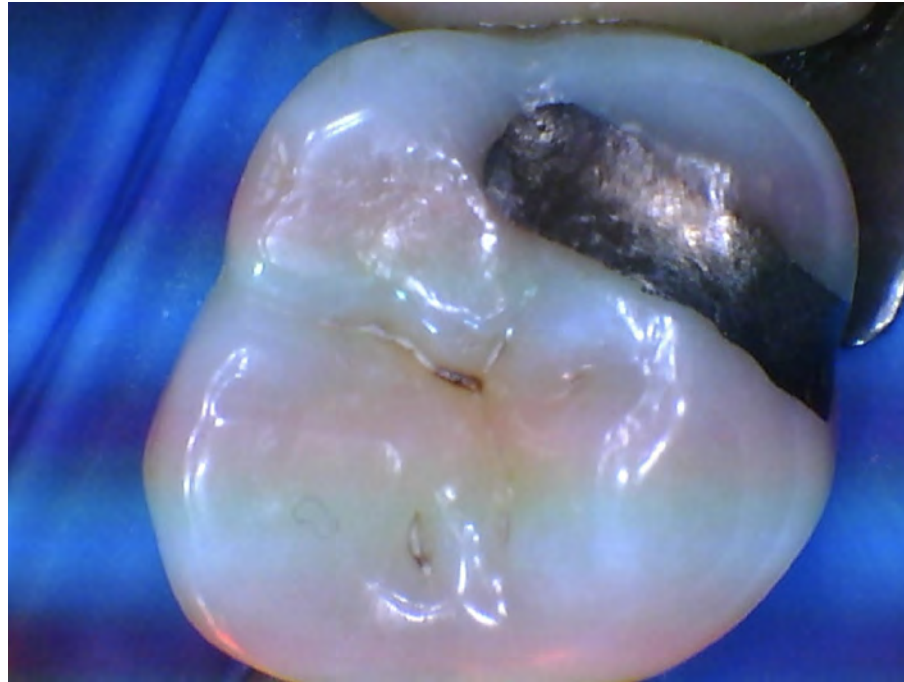
- Rubber dam isolation used for amalgam/caries removal and isolation for buildup
- All remaining tooth structure is hard and non carious
- Staining observed from amalgam restoration



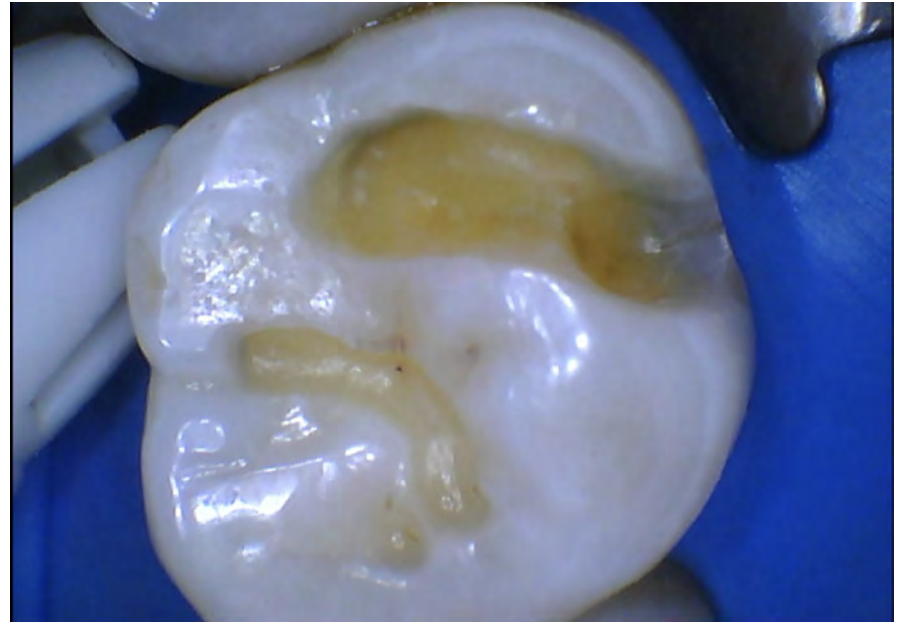
Buildup Placed



#14 0 and 0L



Caries Removal



#14 Final Restoration

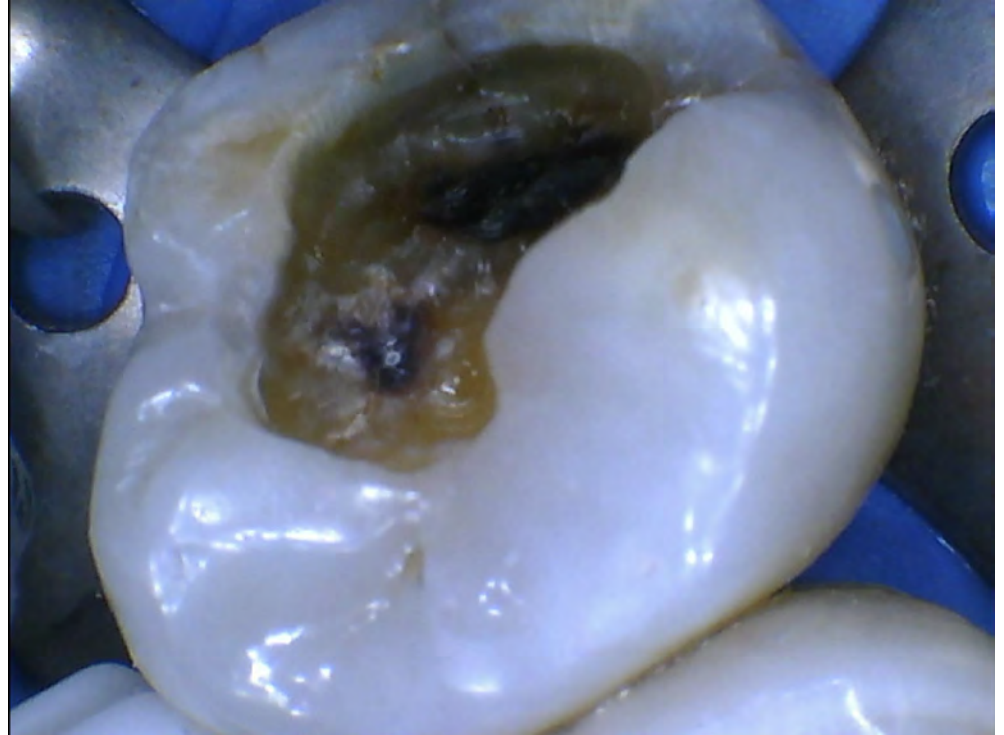


#15 0

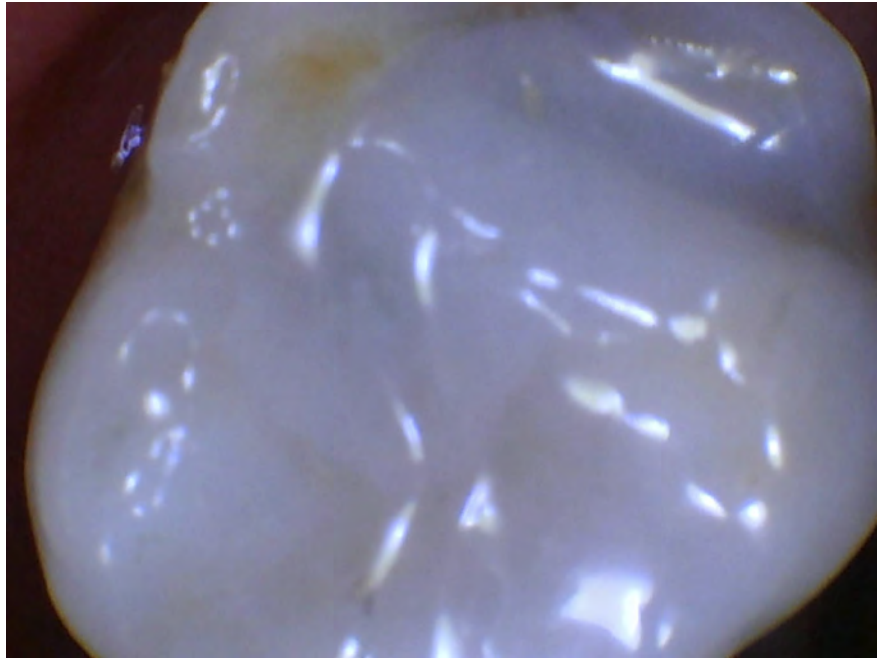


Caries Removal

- Again, all remaining tooth structure is hard and sound
- Amalgam staining observed



Final Restoration



#3 0 and 0L



No Recurrent Decay found



#3 Final Restoration



#31 Onlay with open margin and recurrent decay



Caries Removal

Initial



Mid-Caries Removal



Final



Activa and Buildup Placed



Notes: A little less activa could have been used

&

Buildup has not yet been finished/polished

Summary

\$14,000 treatment plan

Treatment initiated: 10/15/2019

Treatment completed: 5/7/2021

Total Treatment time: 19 months

Disciplines involved: diagnostic, periodontics, direct & indirect restorative, oral surgery,
implant dentistry

Thank you!