



Excellence Day

26th Annual Pacific Excellence Day (2024)

May 8th, 2:15 PM - 5:00 PM

Full Mouth Rehab: Finding a Dental Home

Colton Gruhler
University of the Pacific

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Case Presentation

Colton Gruhler, DDS 2024
05.01.2024

Case Summary

- 63 M
- Patient at UOP 2/23/2023
- CC: "I want comprehensive dental Care"
- Med History: Pre-diabetic diagnosis 2 yrs ago
- Medicine: None
- Allergies: Penicillin and Contrast injection
- Past Dental History: Multiple restorations and has not received dental care for 10yrs when he lived in Mexico
- PSH: Colon Surgery

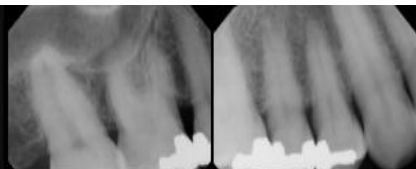
No Dental Home??

Patient reports that he has not been to the dentist in over 10 years

Patient stated that he has not been able to get Dental Care since he has been in the United States

All of Patients work has been performed in Mexico

Radiographs



20, 2/3/2023 10:36:36 AM

19, 2/3/2023 10:34:55 AM



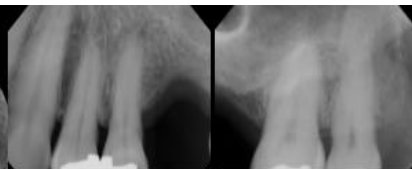
7, 2/3/2023

8, 2/3/2023

9, 2/3/2023

10, 2/3/2023

11, 2/3/2023



15, 2/3/2023 10:42:28 AM

16, 2/3/2023 10:46:10 AM



3, 2/3/2023

2, 2/3/2023

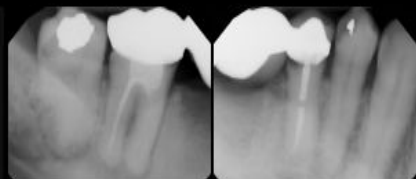
1, 2/3/2023



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18, 2/3/2023 10:49:30 AM

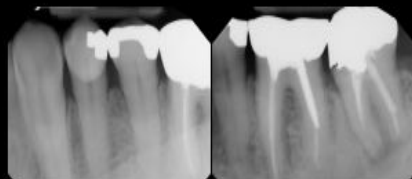
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12, 2/3/2023

13, 2/3/2023

14, 2/3/2023

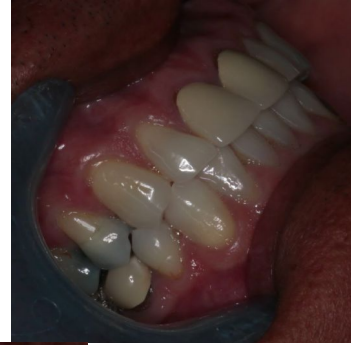


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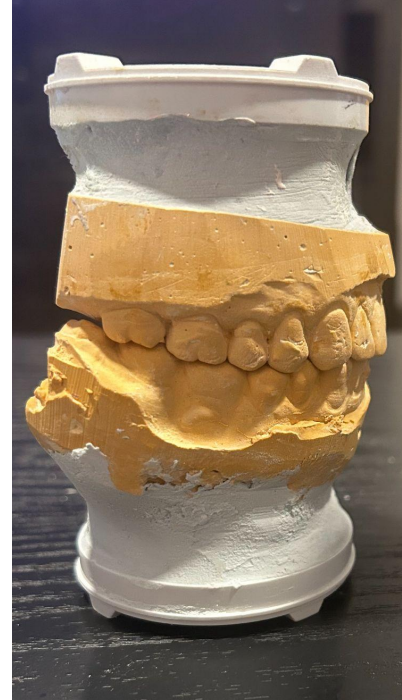
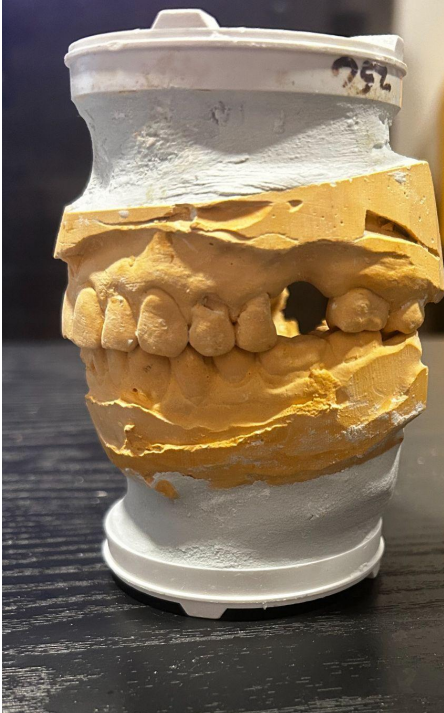
22, 2/3/2023 10:40:19 AM

23

Photos



Models



Perio Diagnosis

Assessment

Pocket Depths

- Generalized 2-3 mandibular
- Generalized 4-5 Maxillary

Recession

- none

Plaque Index

- 1.0 Fair

Furcation

- none

Mobility

- none

Etiology

- Light plaque accumulation
- Light calculus present

Diagnosis

- Generalized Mild Periodontitis

Prognosis

- Generalized Good

Caries Risk Assessment

Disease Indicators

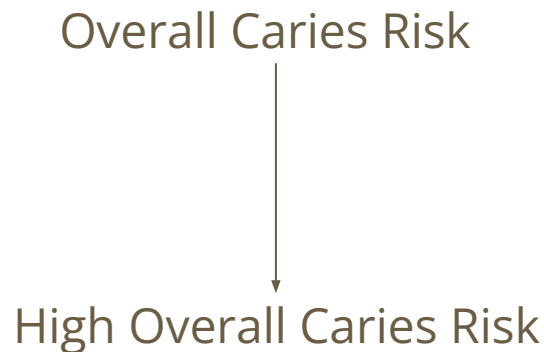
- Active Decay

Risk Factors

- Frequent snacker ($x > 3$) times a day
- Low Salivary pH (5.5-6.5)

Protective Factors

- Lives in fluoridated area
- Uses fluoridated toothpaste



Hard Tissue Findings

- | | | |
|------------------------------|---|---|
| 2- | 13- MO amal with recurrent decay | 25-incisal wear |
| 3- 3O amal, ICDAS 3 | 14-missing | 26- incisal wear |
| 4- MOD amal, B comp | 15-occlusal amal | 27-incisal wear |
| 5-DO amal, B comp | 16-ICDAS 3 (nonfunctional tooth) | 28- DO comp (recurrent decay) |
| 6- sight attrition | 18- gold crown with recurrent decay and periapical radiolucency | 29- PFM with large catch and recurrent decay |
| 7-slight attrition | 19- Steel crown | 30- gold pontic |
| 8-PFM | 20- MOD amal with open margin (recurrent decay) | 31- gold crown with periapical radiolucency and Abscess |
| 9-PFM | 21- DO amal (defective rest) | 32- O amalgam with periapical radiolucency |
| 10-ML comp (recurrent decay) | 22- incisal wear | |
| 11-slight attrition | 23- incisal wear | |
| 12-DO amal, NCCL with decay | 24-incisal wear | |

Intra Oral photos



Treatment Plan 1

Urgent-

- Retreat #31, 18, 29
- EXT- 32

Disease Control-

- Perio- Maxillary limited SRP and prophylaxis
- Restorative- #3 MOL, #4 MOD, #5 DO, #10 ML, #12 DOB, #13 MO, #15 MO, #21 DOB, #28 DO
- EXT-16

Reconstructive Phase

- Crown # 18, 20, 29, 31
- Bridge #13-15
- Ridge Split and Immediate implant with Bone Graft Placement

Maintenance Phase

- SPT and Recall

Alternate Tx plan

Urgent-

- Retreat #31, 18, 29
- EXT- 32

Disease Control-

- Perio- Maxillary limited SRP and prophylaxis
- Restorative- #3 MOL, #4 MOD, #5 DO, #10 ML, #12 DOB, #13 MO, #15 MO, #21 DOB, #28 DO
- EXT-16

Reconstructive Phase

- Crown # 18, 20, 29, 31
- Ridge Split and Immediate implant with Bone Graft Placement

Maintenance Phase

- SPT and Recall

Treatment Plan 2

Urgent-

- Retreat #31, 18, 29
- EXT- 32

Disease Control-

- Perio- Maxillary limited SRP and prophy
- Restorative- #3 MOL, #4 MOD, #5 DO, #10 ML, #12 DOB, #13 MO, #15 MO, #21 DOB, #28 DO
- EXT-16

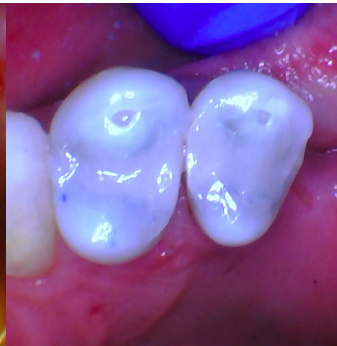
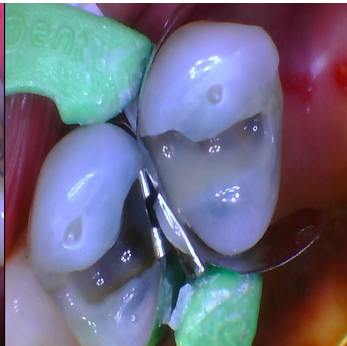
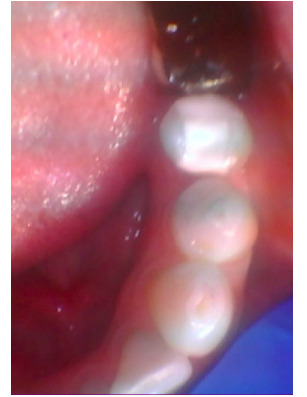
Reconstructive Phase

- Crown # 18, 20, 31
- EXT #29 , placement of veneer block bone graft, immediate implant placement #29 and delayed on #30

Maintenance Phase

- SPT and Recall

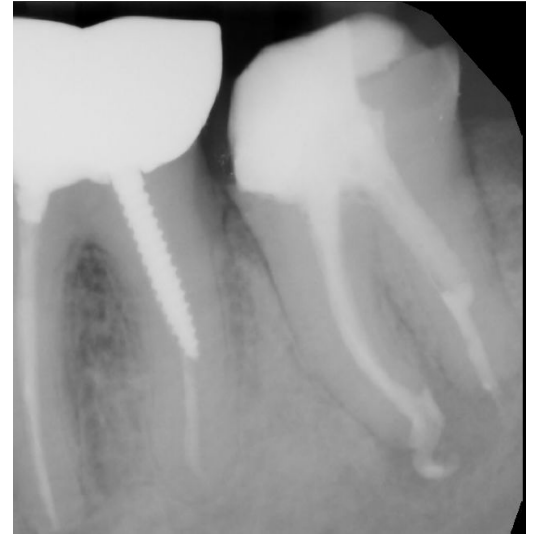
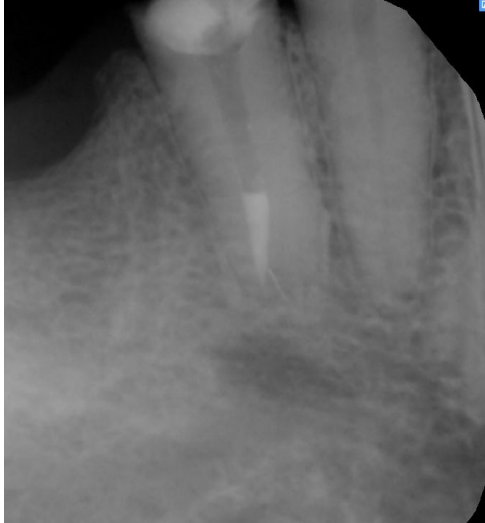
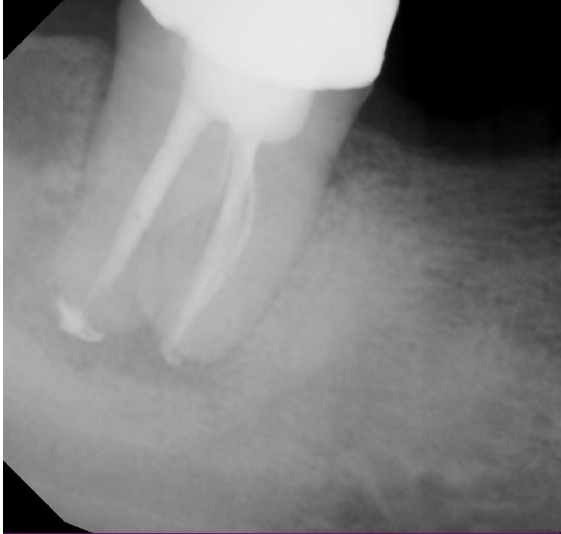
Work Completed



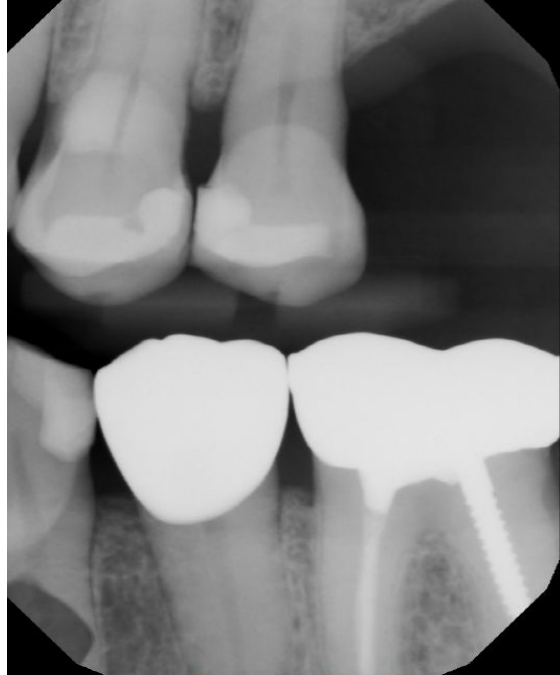
Updated Pano



Retreatment # 18, 29, 31



Final BW's



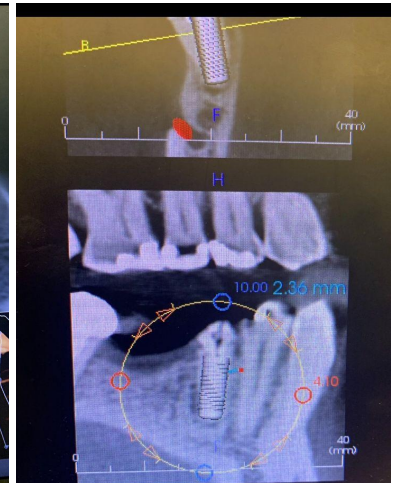
Final Photos



Work In Progress

Implant #29 and #30

- Patient currently did not have the finances to continue with Implant treatment until after June 2024
- Current plan is to perform a Veneer bone graft with a delayed placement of Implant #30, an extraction of #29, and Immediate Implant placement of #29



My Key Takeaways

- Complex Full Mouth Restorative treatment requires thorough evaluation of occlusal dimensions, consideration of restorations material selection, and patient related factors
- When there is more complex and comprehensive treatment it is very important to provide patients with a relatively accurate timeline of their care and set/ manage their expectations accordingly

References

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