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| **Student Name:** |
| Katherine Von Arx |
| **Case abstract** (Provide a brief synopsis of this patient)**:**  |
| This patient has been receiving dental care at MUSoD for decades. She received impants at the sites of 28, 29, and 30 in 2008. Within a year of receiving the implants, the #30 implant failed and she developed a case of peri-implantitis. She received surgical intervention on 2 separate occasions for her peri-implantitis, the first time to address #30 and the second, a few years later, to address both #29, and #30. The patient now has a fairly long history of periodontal involvement at implants #29 and #30, which has both improved and declined in spurts over the years. The pt was transferred to me as a D3 for recall. At her first appointment with me, she presented with extensive gingivitis and ketone breath, bringing into question the possibility of metabolic issues contributing to her peri-implantitis. Indeed, the pt confirmed that she is pre-diabetic, per her Dr.’s mention, although she has no formal diagnosis. The patient received 2 quadrants of nonsurgical SRP under my care and showed marked periodontal improvement at her follow-up, but the question remains: how does this patient’s pre-diabetic status affect the prognosis of her peri-implantitis? This rounds case explores that question. |
| **axiUm Chart:** |
| 662361 |
| **Date of Rounds presentation:** |
| September 30th, 2020 |
| **D3 Student:** |
| Daniella Eglash  |
| **D2 Student:** |
| Rachel Thornton  |
| **D1 Student:** |
| Jessica Short  |
| **Medical History:** |
| GERD, Osteoarthritis, Hypertension |
| **Dental History:** |
| Extensive restorative work (bridges and implants), bruxing, peri-implantitis |
| **Radiographic Findings:** |
| Diminished bone levels around implants of 29,30 |
| **Clinical Findings:** |
| Ketone breath, gingivitis, leaky MI resin restoration on #7, occlusal wear on crown of #28 |
| **Periodontal Findings:** |
| Generalized BOP, generalized pocket depths of 4-5mm, horizontal bone loss at implant sites |
| **Periodontal Diagnosis:** |
| Early Chronic Periodontitis  |
| **Problem List:** |
| Peri-implantitis, gingivitis, pre-diabetes |
| **Other:** |
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