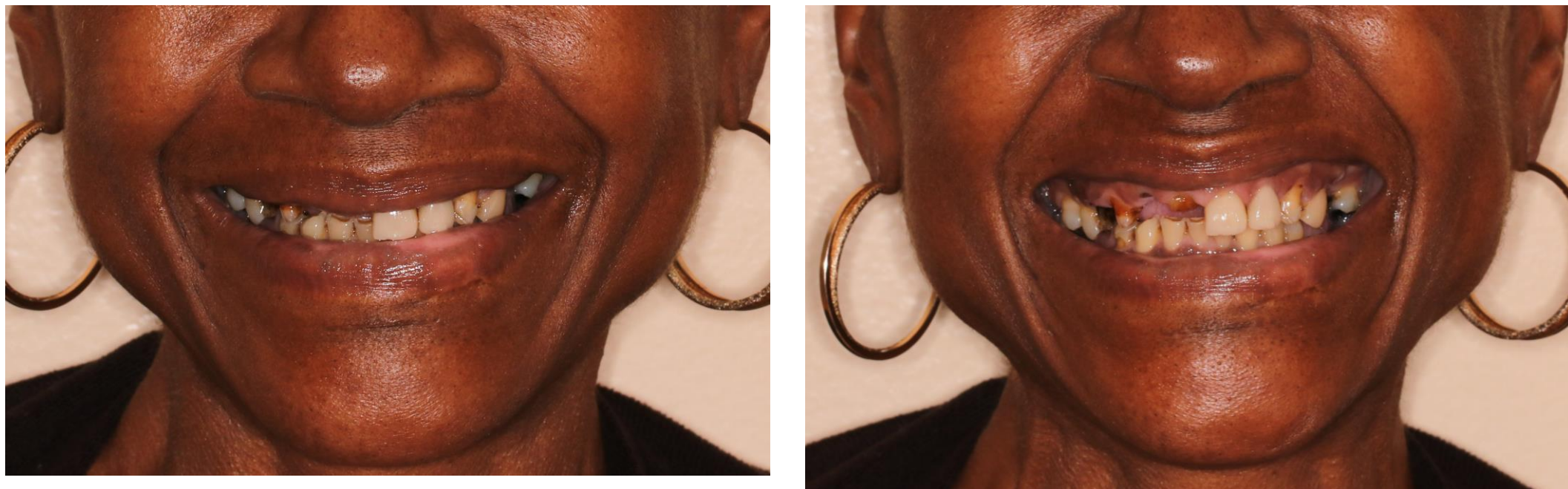


Background:- Multiple Myeloma, a type of carcinoma, originates from plasma cells. Cancerous plasma cells multiply rapidly, outcompeting healthy cells. Treatment involves aggressive approaches such as targeted therapy, immunotherapy, and chemotherapy.

Objective: Treating patient with hopeless dentition with complicated medical history where surgery is contraindicated, with copings and crown and bridge.

Phase 1: . The patient presents with a complex medical history, including HIV, COPD, Castleman’s Disease, Anemia, and a history of intravenous bisphosphonate therapy twice in the past six years. This history significantly elevates the risk associated with any bone-involved surgical procedures. Additionally, severe bony exostoses in both the maxilla and mandible complicate the fabrication of any removable prosthesis without pre-prosthetic surgery.



Phase 2:

- #2 , 5,7,8,9,10 were Endodontically treated.
- #7 and 10 were decoronated and root banked.



Phase 5:

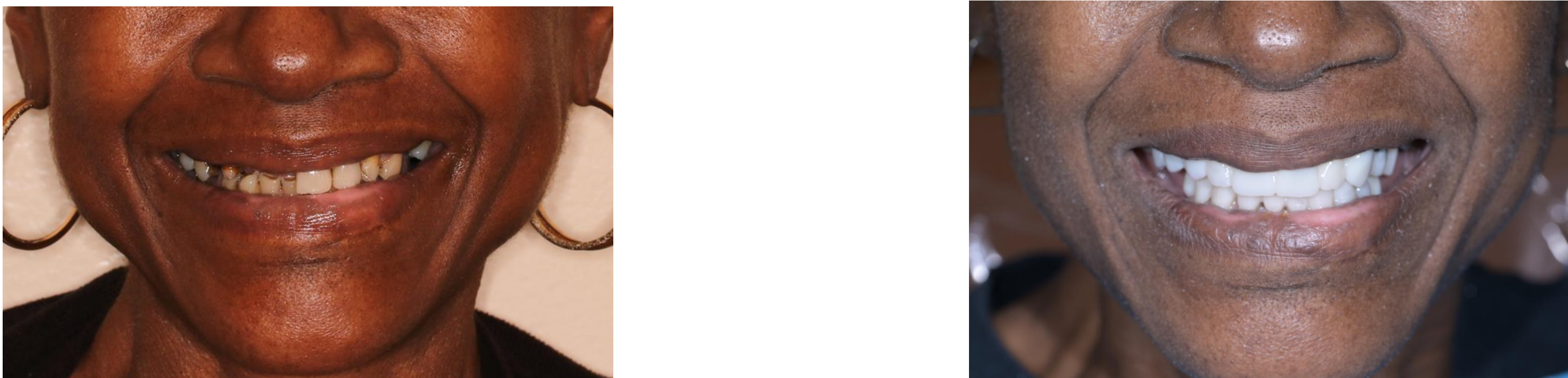
- Copings cemented in the maxilla.
- In the mandible, the remaining teeth (#21-28) were prepared to receive a milled zirconia prosthesis, with cantilever extensions at #20 and #29 to create a shortened dental arch.



References



Results: Patient is currently in Milled PMMA Prosthesis and is ready to be transitioned to final Zirconia restorations.



Phase 3:

- #5,8 and 9 were prepared to receive Post and Core restoration..
- #4,5,7,8,9,11 and 12 were prepared to receive Metallic copings.



Phase 4 - lab Fabricated Copings.



Conclusion: In patients with complex medical histories where surgical interventions are contraindicated, the use of copings in combination with crowns and bridges offers an effective treatment option by utilizing the patient’s existing dentition.