

CERAMENT®

BONE VOID FILLER

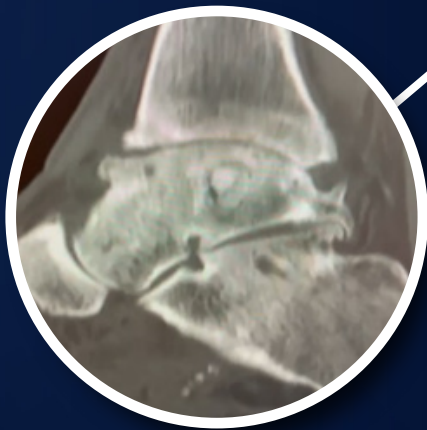
CASE REPORT

Medical Education Series

Use of CERAMENT BONE VOID FILLER in a Talar Cyst

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PATIENT HISTORY

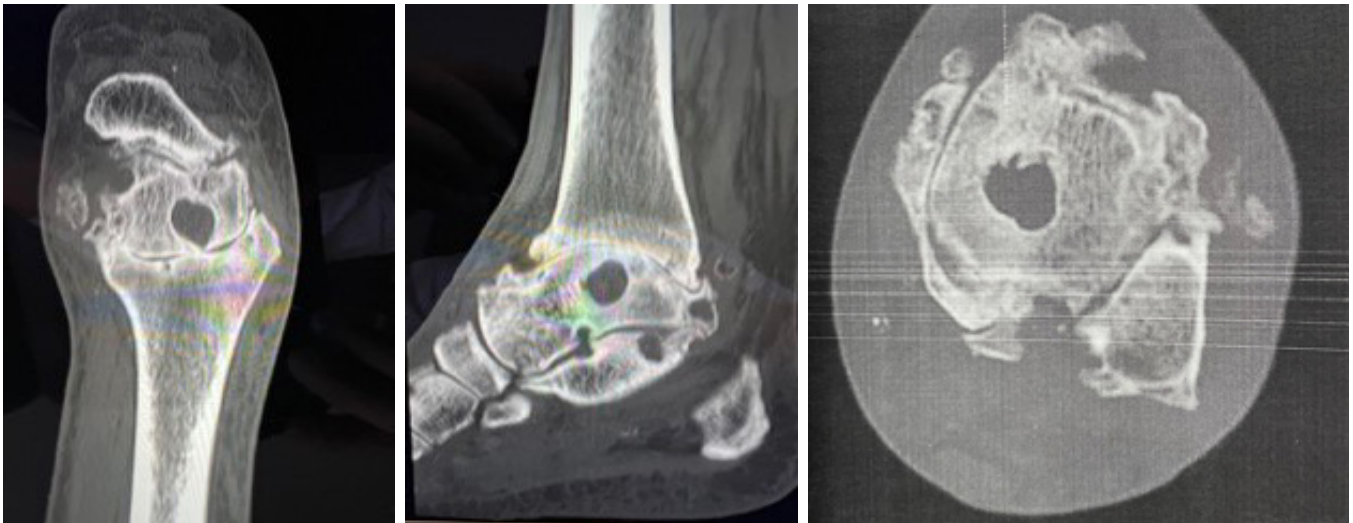
A 67 year old male presented with left ankle pain for >10 years. His past medical history was unremarkable. He had a previous total knee replacement on his left knee. He was told by other surgeons that fusion was his only option and he is an avid walker, golfer and bike rider. He wanted to retain motion in his ankle if possible.

DIAGNOSIS

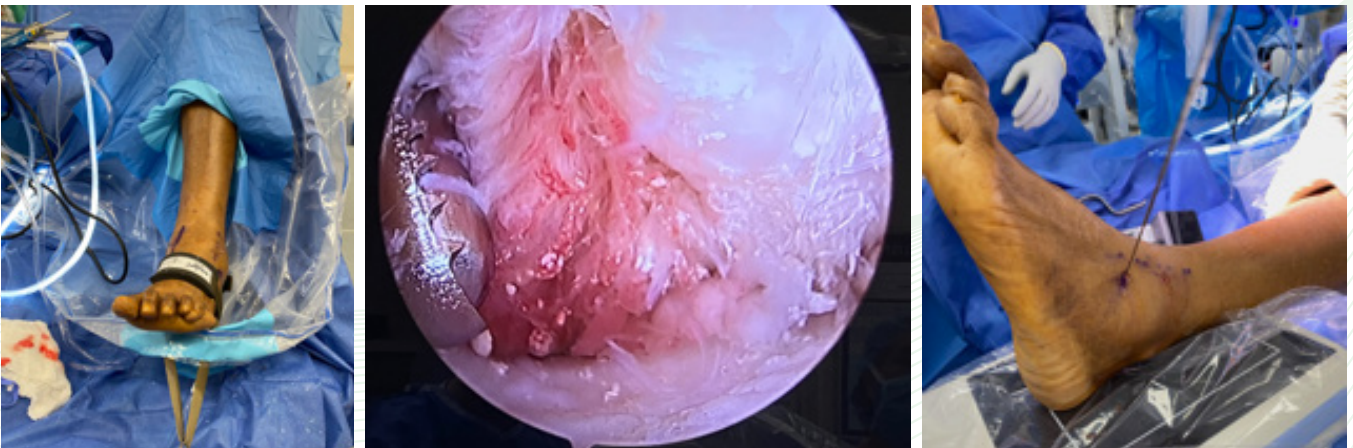
End Stage Post-traumatic ankle arthritis with a large talar cyst.

TREATMENT PLAN

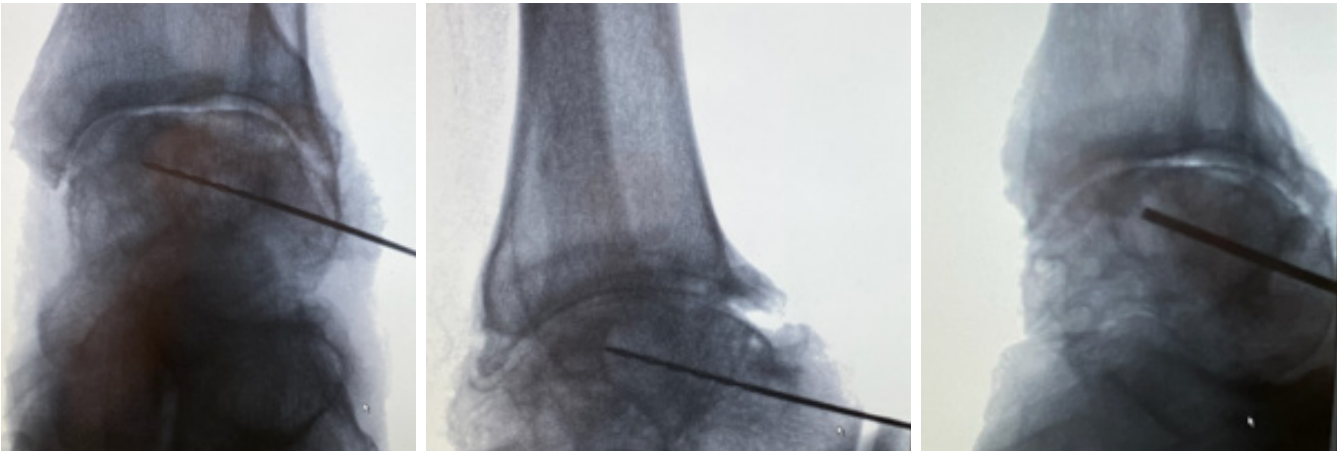
- Arthroscopic Debridement of Ankle joint
- Removal of talar cyst membrane
- Percutaneous retrograde filling of cyst with CERAMENT
- Potential Total Ankle Replacement in 6-9 months



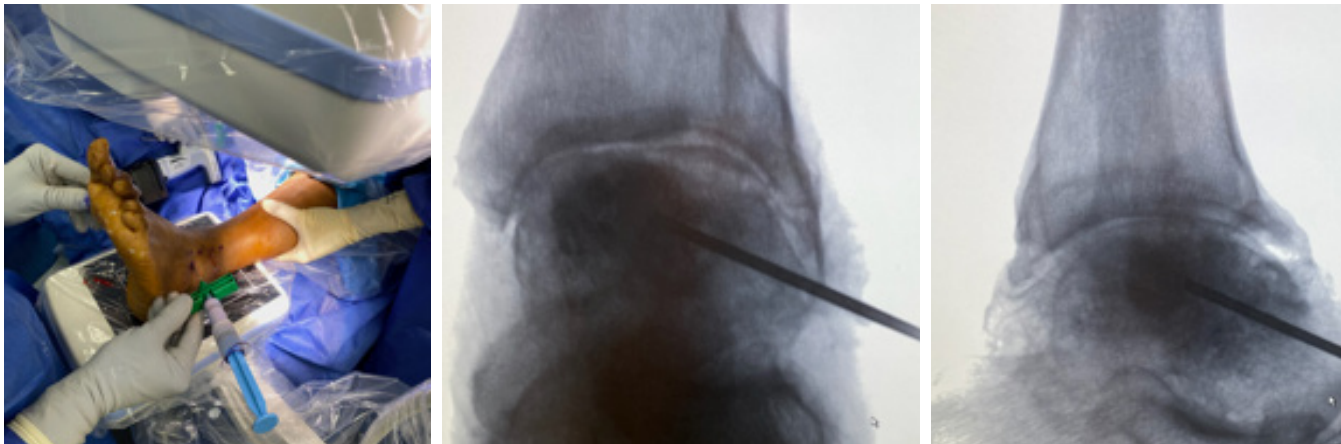
Pre-op: MRI Images of talar cyst.



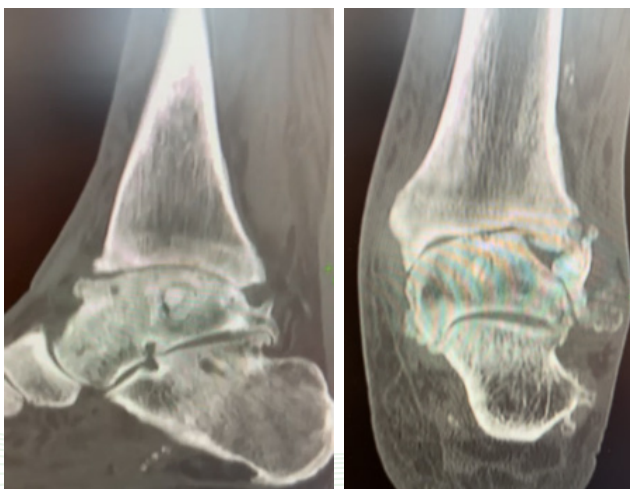
Intra-op: The patient was taken to the operating room for an arthroscopic debridement of his ankle as well as retrograde drilling, removal of the membrane surrounding the cyst and CERAMENT placement into the cyst. Note the guide wire in place distal to the lateral portal site and advanced into the cyst.



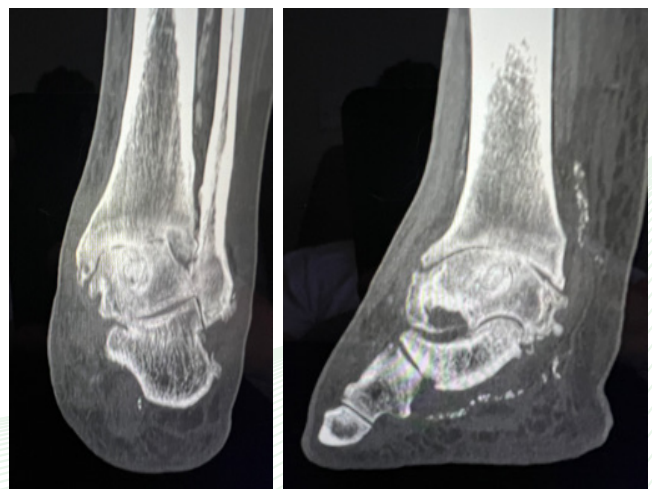
Intra-op: Under fluoroscopic imaging, the guide wire was introduced into the talar cyst and the 11 gauge 50mm cannulated needle was placed over the guide wire into the cyst from the lateral talar neck region. Next, a small curette was placed in the drill hole and the soft tissue membrane was debrided from the cyst.



Intra-op: Intra-operative images demonstrating injecting 15cc of CERAMENT into the cyst. Note under fluoroscopic imaging the radiopaque dye filling the cyst. Assessment of the ankle joint was also performed at the same time to make sure the CERAMENT did not enter the ankle joint. It did not as there was an intact subchondral surface present in the talus.



Post-op: 3 months post-op CT scan after the initial procedure. Note how well the cyst is filling in and bone remodeling is occurring.



Post-op: 6 months post-operative CT scan after the initial procedure. Note the continued bone trabeculation of the cyst. The patient is scheduled for a total ankle replacement in the next few months.

TO ORDER

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