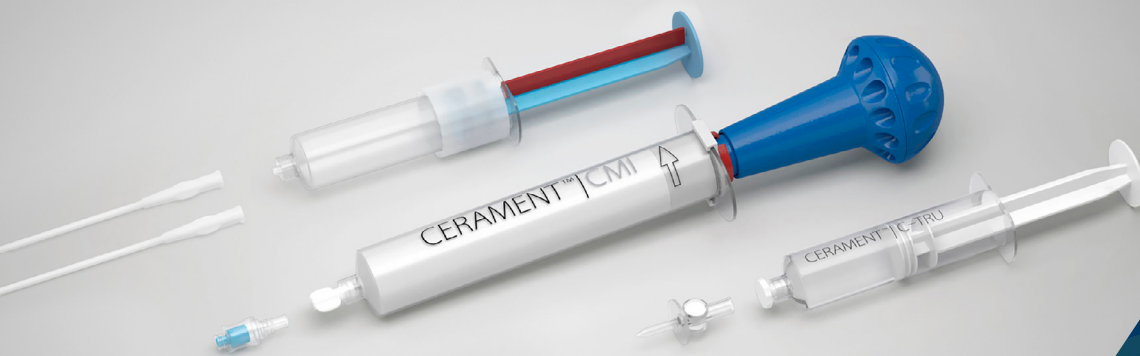


CERAMENT® BONE VOID FILLER



Back Filling of a Calcaneal Autograft Site with CERAMENT BONE VOID FILLER

L. Didomenico, DPM, USA



PATIENT
51 year old

DIAGNOSIS

Non-union of the first metatarsal phalangeal joint.

TREATMENT

- The first metatarsal phalangeal joint reconstructed with autologous calcaneal bone graft from the ipsilateral foot.
- This presented a need of back filling the calcaneus. Following harvesting of the calcaneal graft, CERAMENT BONE VOID FILLER was injected into the void, followed by soft tissue closure.

OUTCOME

- At monthly follow ups, bone incorporation was assessed radiographically at both surgical sites.
- Bone incorporation of the calcaneus fully progressed.
- At 6 month follow up the patient is full weight bearing and back to normal activity.



Figure 1. Non-union of the first metatarsal phalangeal joint (pre-op).



Figure 2. Intraoperative view demonstrating the need for bone graft.



Figure 3. Harvesting a large tricortical cancellous calcaneal graft.



Figure 4 & 5. Show intraoperative views demonstrating placement of the fixation with bone graft and the need for back fill for the calcaneal harvest site.



Figure 5.

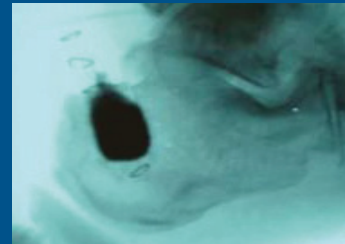


Figure 6 & 7. Show intraoperative views demonstrating back filling with CERAMENT BONE VOID FILLER.

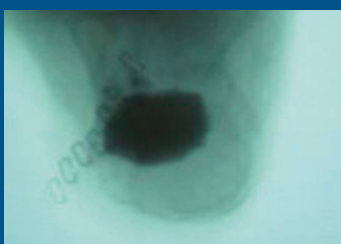


Figure 7.



Figure 8. Six months post-op demonstrating good bone growth and structural support at both sites.



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Our Mission is restoring health to improve the quality of life for patients with bone disorders.

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