## CASE STUDY

### Treatment of displaced intra-articular calcaneal fracture with CERAMENT™|BONE VOID FILLER in 54 year old female

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<table>
<thead>
<tr>
<th>PATIENT</th>
<th>54 year old female</th>
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<td>DIAGNOSIS</td>
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- Displaced intra-articular calcaneal fracture Sanders 4  
- Some authors have reported that filling of bone defects with open reduction and internal fixation (ORIF) of displaced intra-articular calcaneal fractures (DIACF’s) is unnecessary  
- However, we have observed reduced calcaneal height of the posterior facet and reduction of Bohler’s angle when full weight bearing is allowed at (3) months in patients with significant bone defects after fracture reduction treated with ORIF LCP alone |
| TREATMENT |  
- Open reduction and internal fixation  
- Augmentation with CERAMENT™|BONE VOID FILLER  
- Gradual weight bearing up to 3 months and then full weight bearing  
- Removal of plate after 4 months due to discomfort of the surgical wound with no signs of infection |
| OUTCOME |  
- At 7 months patient demonstrated a good result  
- Maryland Foot Clinic Score Clinical Evaluation = 87/100 points  
- CERAMENT™|BONE VOID FILLER is an option for management of DIAF’s  
- It enables reconstruction of large bone defects, allows for functional recovery and prevents post operative reduction of calcaneal height of the posterior facet |
OUR MISSION is to provide an injectable radiopaque bone substitute that has been proven to rapidly remodel into bone, with the potential to be combined with other substances, and is capable of being delivered percutaneously.