



Case Report:

Open Reduction and Internal Fixation
of a Supracondylar Femur Fracture with
CERAMENT® | BONE VOID FILLER

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Open Reduction and Internal Fixation of a Supracondylar Femur Fracture with CERAMENT® BONE VOID FILLER

PATIENT: 64 year old female

DIAGNOSIS

➔ Right periprosthetic supracondylar femur fracture above total knee arthroplasty (Lewis and Rorabeck Type II)

SURGICAL PLAN

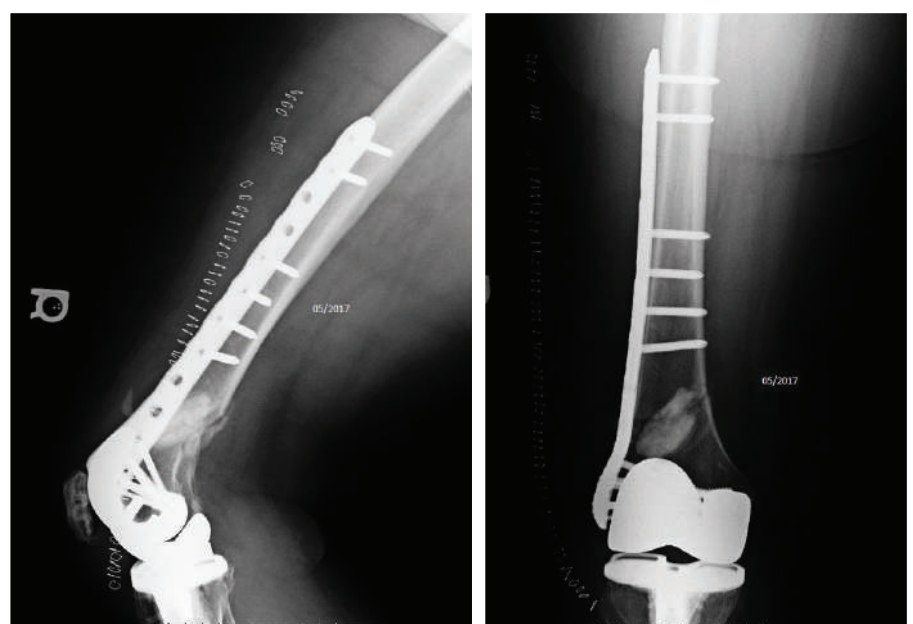
➔ Open reduction and internal fixation using a Non-Contact Bridging (NCB) plate (Zimmer Biomet; Warsaw, IN) and injection of CERAMENT® BONE VOID FILLER into the fracture gap

OUTCOME

- ➔ Immediately post-op, good position of hardware and no evidence of complications
- ➔ After 2 months, the patient has good range of motion, is neurovascularly grossly intact, has no calf tenderness and is negative for Homan's
- ➔ At 5 months post-op the patient continues to increase activities and is being encouraged to exercise.
- ➔ 9 month follow up shows that the fracture is healed with strong callus formation
- ➔ CERAMENT® BONE VOID FILLER has completely remodeled into bone

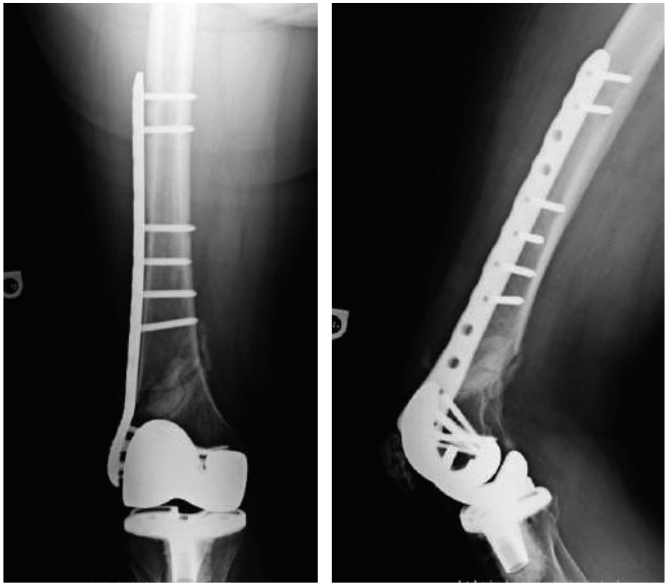


Pre-op

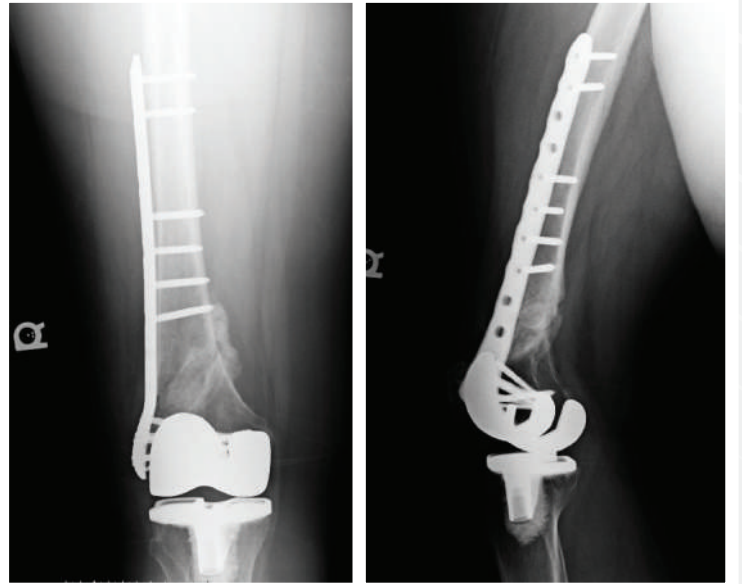


Immediate Post-op: Good reduction, correct placement of the NCB plate and complete filling of the bone defect with CERAMENT® BONE VOID FILLER.

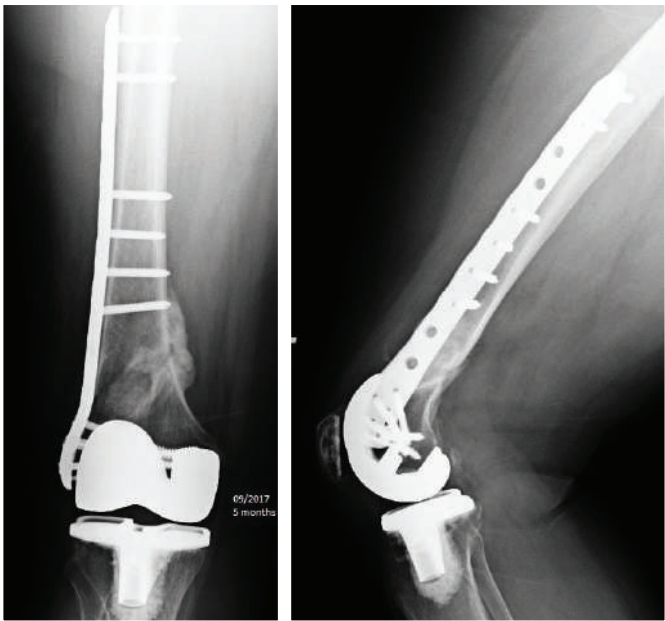
FOLLOW UP RADIOGRAPHS



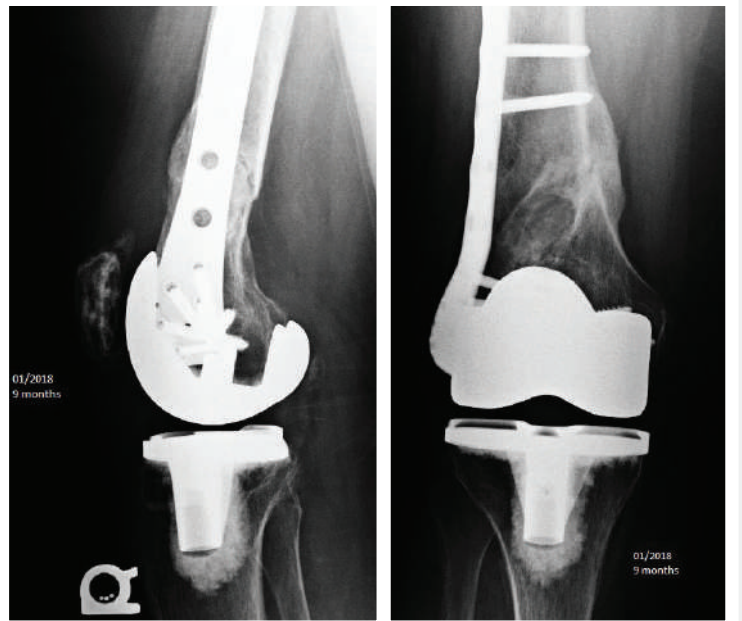
2 Month Follow Up: Evidence of some healing at fracture site.



4 Month Follow Up: Patient is gradually working up to full weight bearing and increasing activities.



5 Month Follow Up: CERAMENT® has begun remodeling into bone.



9 Month Follow Up: The void is now filled with new trabeculated bone.



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