Case Report: Treatment of an osteoporotic humeral head fracture with CERAMENT™ BONE VOID FILLER: 12 months follow-up

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PATIENT
62 year old female with established osteoporosis

DIAGNOSIS
- Dislocated humeral head fracture (AO Type 11-C) as a result of a fall from a bike (Figs. 1 & 2).

TREATMENT
- The fracture was reduced and fixed using a Philos plate (Synthes©) and the cuff was re-inserted to the plate using non-resorbable sutures (Ticron©).
- The bony defect was filled via percutaneous injection with approximately 6mL CERAMENT™ BONE VOID FILLER under continuous fluoroscopy (Fig. 3) and allowed to set for 15 minutes.

OUTCOME
- Healing of the fracture took place without complications, and the patient has 80 degrees abduction, 90 degrees flexion, 60 degrees exorotation and 40 degrees endorotation. X-rays at 6 months post-op show complete remodeling of CERAMENT™ BONE VOID FILLER into trabecular bone (Figs. 4 & 5).

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.