Case Report
Treatment of an osteoporotic proximal humerus fracture with CERAMENT™ BONE VOID FILLER: 12 month follow-up

DR. M. VAN DER ELST
Reinier de Graaf Hospital, Delft, The Netherlands
PATIENT
62 year old female with established osteoporosis

DIAGNOSIS
- Proximal humerus fracture-dislocation (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 attached to the plate using non-resorbable sutures (Ticron®).
- The bony defect was filled with 6cc CERAMENT™ BONE VOID FILLER under continuous fluoroscopy (Fig. 3) and allowed to set for 15 minutes.

OUTCOME
- The fracture healed uneventfully, and the patient recovered good range of motion:
  - abduction: 80°
  - flexion: 90°
  - external rotation: 60°
  - internal rotation: 40°

X-rays at 12 months post-op demonstrate fracture healing and remodeling of CERAMENT™ BONE VOID FILLER into trabecular bone (Figs. 4 & 5).

Figure 1.

Figure 2.

Figure 3.

Figure 4.

Figure 5.

BONESUPPORT™
OUR MISSION is to improve the lives of patients suffering from bone disorders that cause bone voids, lead to injury, breakage, pain, and reduced quality of life.

BONESUPPORT AB
Ideon Science Park,
Scheelevägen 19
SE-223 70 Lund, Sweden
T: +46 46 286 53 70
F: +46 46 286 53 71
E: info@bonesupport.com
www.bonesupport.com