Case Report:
Revision of a failed THA revision using CERAMENT®|BONE VOID FILLER to reconstitute medial wall

Andrew J. Wassef, MD
Lakewood, CA, USA
PATIENT: 81 year old female

PATIENT HISTORY
- Underwent a primary left THA about 25 years prior
- Post original operation, patient experienced multiple dislocations and a grinding sensation
- Original THA showed significant pelvic osteolysis and severe eccentric poly wear
- Patient underwent an initial revision with another surgeon who placed a jumbo cup and used an entire femoral head allograft for bone grafting of the defect

DIAGNOSIS
- Failure of the initial left THA revision
- 3-months post initial revision, patient presented with protrusio of the acetabular component with pelvic discontinuity and severe pain

TREATMENT
- Complex revision left THA with acetabular bone grafting using CERAMENT® BONE VOID FILLER (BVF) to reconstitute the medial wall
- Pelvice cage reconstruction for structural support and CERAMENT BVF for bone grafting.

Revision of a failed THA revision using CERAMENT® BONE VOID FILLER to reconstitute medial wall

Original 25 year old prior revision
Significant pelvic osteolysis and severe eccentric poly wear

3 month post initial revision
Shows complete protrusio and a large acetabular defect

Intra-op
Complete anterior column deficiency and pelvic discontinuity. Placed pelvic cage for structural support and completely backfilled the absent medial wall with CERAMENT

2 Month follow up
CERAMENT is clearly visible
2 Month follow up

FOLLOW UP RADIOGRAPHS

Outcomes

- Patient was placed in hip spica brace and toe touch weight bearing for 6 weeks followed by 50% weight bearing for another 6 weeks.

- At 8-month follow up, much of the CERAMENT BVF has been resorbed and excellent reconstitution of the medial wall is visible.

- At 2-year follow up, patient is doing well and bone remodeling is seen where CERAMENT BVF had been injected.
BONESUPPORT, INC.,
60 William St, Suite 330, Wellesley, MA 02481

T: 1.877.719.6718   www.bonesupport.com