BRASSELER USA® SURGICAL

# CASE STUDY

## Acetabular Revision & Cup Removal in Osteoporotic Bone Using the EZX System

**Matthew Deren, MD**

Orthopedic Surgery,
Cleveland, Ohio

### Patient History & Preoperative Condition:

- Patient: Female with direct anterior total hip arthroplasty performed for femoral neck fracture.
- Acetabular component malpositioned (>30 degrees anteversion).
- Four anterior dislocations following initial surgery.
- Revision surgery planned for acetabular and head components.

### Procedure Details:

- Acetabular revision performed due to malpositioning.
- Trunnion impingement on the posterior wall was addressed using a bone hook to clear space for the EZX.
- The EZX system removed the acetabular component in approximately 60 seconds.
- The patient's bone quality was very osteoporotic, but the removal was successful without additional bone loss or fractures.
- The multi-hole acetabular component was 8mm larger than the explanted acetabulum, and a reamer was used to medialize for better coverage.

### Pre-Op Image:

### Outcomes:

- Device Performance:
  - Provided greater control and confidence.
  - Reduced operative time.
  - Minimal bone loss observed during removal.
- Post-operative Observations:
  - Excellent removal outcome with no additional fractures or complications.
  - The patient had an excellent outcome post-surgery.

### Post-Op Image:

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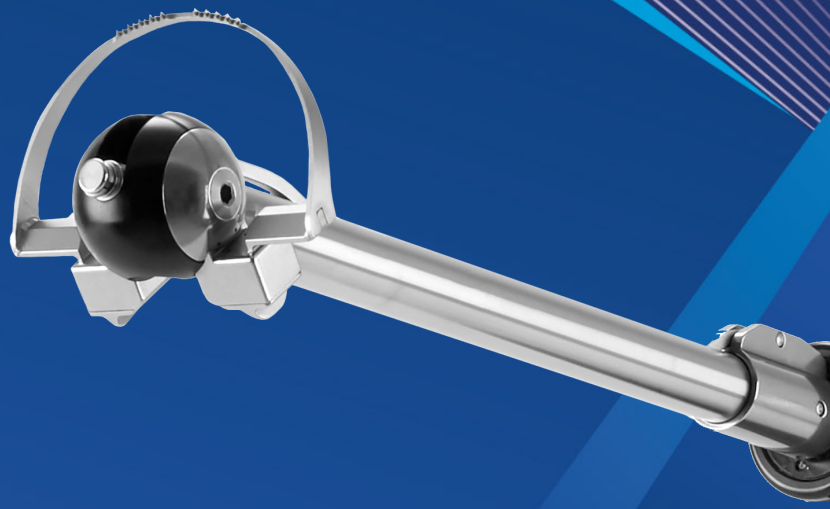
**Bobby Hale**
Global Sales Director, Revision Portfolio
(719) 237-4086, BobbyHale@BrasselerUSA.com

**Brian Young**
Director of Sales, Revision Portfolio West
(214) 405-2962, BrianYoung@BrasselerUSA.com

**Steven Cook**
Director of Sales, Revision Portfolio East
(919) 538-2206, StevenCook@BrasselerUSA.com

**George Blumenschein**
Revision Sales Specialist
(973) 487-9642, GeorgeBlumenschein@BrasselerUSA.com

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