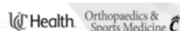


## Acetabulum Fx in the Elderly: Operative vs Non Op Rx

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Immediate Past Chief of Staff  
University of Cincinnati Medical Center

September 30, 2013



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## Disclosure

*Paid Consultant for:  
Stryker Trauma*



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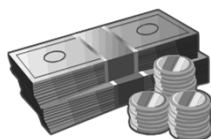
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## Disclosure

*Research Support:  
OTA*



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## Disclosure

*Book Royalties  
SLACK Incorporated*



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## Disclosure

*Editorial Board:*  
*JOT; JBJS;  
JOR; JAAOS;  
CORR; Injury*



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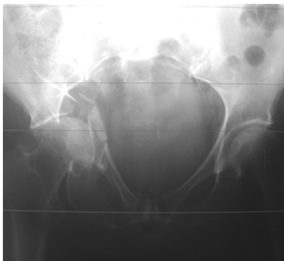
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## Acetab Fx's in the Elderly



- ❖ Common After Fall From Standing Height In Senior Population
  - Becoming More Common
- ❖ Many Possible Patterns
  - Frequently AC, ACPHT, BC
- ❖ Pts Frequently w/ Significant Co-Morbidities

**Consider Like Hip Fx Pt**



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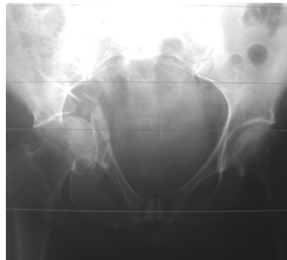
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## High Energy Trauma in the Elderly



- ❖ However, More Senior Patients Are Remaining Active / Driving
  - High Energy Pelvic & Acetab Fx Occur in Senior Patients
- ❖ All Patterns Are Possible
  - PW & TPW Common
- ❖ Co-Morbidities Combined With Limited Physiologic Reserve = Potential Life Threatening Injuries

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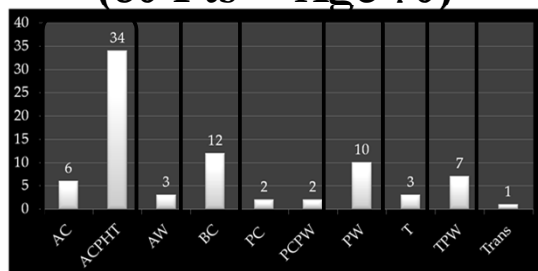
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## Bimodal Distribution (80 Pts > Age 70)



Archdeacon & Collinge, JOT 2013

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## Operative Indications

- ❖ Ambulatory Patient
  - Mobilization Assist
  - Traction – Hardly Ever
- ❖ Pain Control
  - Even If Not Ambulatory, ORIF May Alleviate Pain With ADL's
- ❖ May Accept Less Than Perfect Reduction
- ❖ Patient May FWB Earlier Than Desired



Not a Bosporo Male

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## Operative Contraindications

- ❖ Bedbound Patient
  - Patient Does Not Even Mobilize To Bathroom
- ❖ Ultra High Risk Comorbidities
  - Severe AS
  - Ultra Severe COPD
- ❖ Decubitus Ulcers In Operative Field
- ❖ Patient Does Not Want Surgery



72 yo male, Ketoacidosis and Liver Failure with Hepatic Encephalopathy



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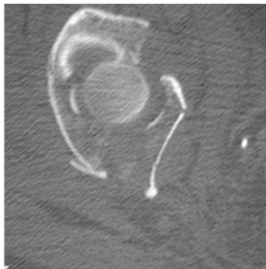
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## Treatment Priorities



- ❖ Comorbidity Risk Stratification
- ❖ Medical Optimization
- ❖ Hip Congruity & Stability
- ❖ Prepare Bone Bed For Future THA



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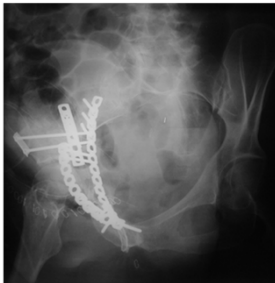
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## Operative Treatment - Goals

- ❖ Pre-Op Goals
  - Medical / Anesthesia Pre-Op Consultation
- ❖ Operative Goals
  - Minimize OR Time (180 Minutes Or Less)
  - Minimize EBL (<500cc)
  - Obtain Hip Congruency & Stability
    - ✓ Don't Go For A Home Run
    - ✓ Buttress Plate Stabilization
- ❖ Rehab Goals
  - Early Ambulation
  - Pt May Need To WBAT



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# 78 yo Male S/P Fall - Laborer



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# Thank You



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