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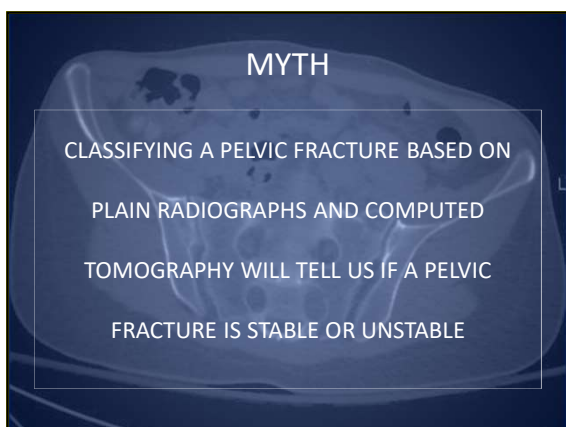
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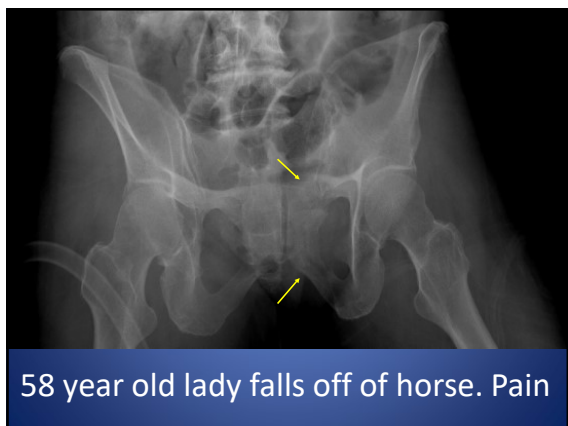
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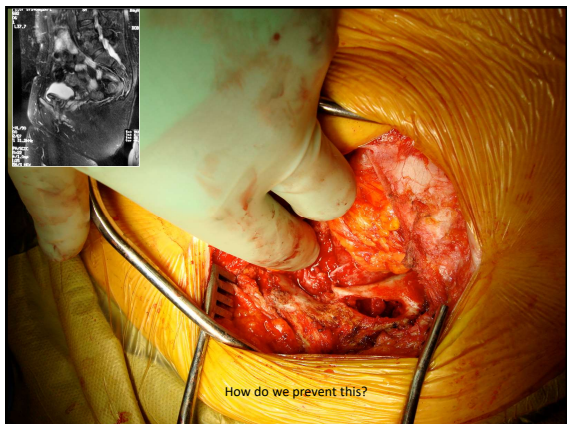
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### True or False?

CLASSIFYING A PELVIC FRACTURE BASED ON  
PLAIN RADIOGRAPHS AND COMPUTED  
TOMOGRAPHY WILL TELL US IF A PELVIC  
FRACTURE IS STABLE OR UNSTABLE

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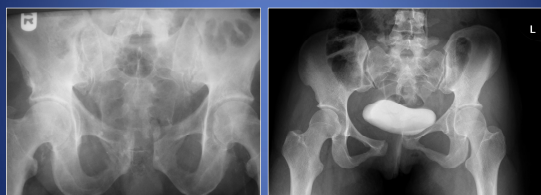
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### ARE THESE THE SAME INJURY?



ARE THEY CLASSIFIED APC-1, APC-2 (or something else...)?

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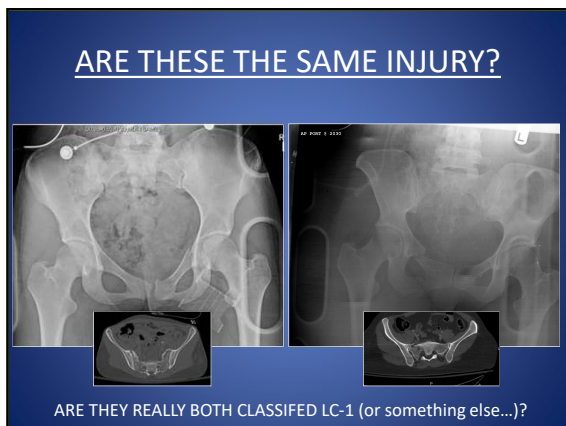
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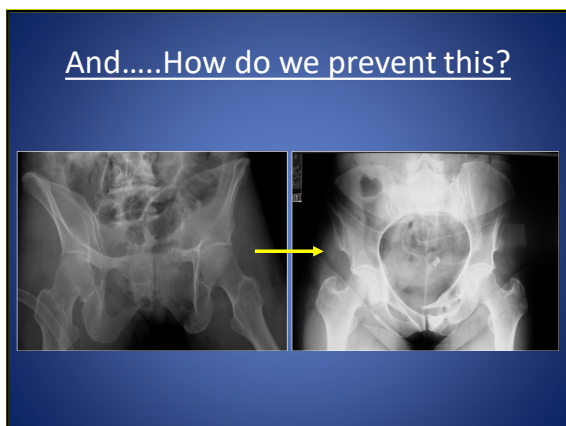
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ORIGINAL ARTICLE

*J Orthop Trauma* • Volume 25, Number 9, September 2011

**Examination Under Anesthetic for Occult Pelvic Ring Instability**

*H. Claude Sagi, MD,\*† Franco M. Coniglione, DO,‡ and Jason H. Stanford, MDS*

**METHOD OF EUA**

- 15 distinct fluoroscopic images:
  - Static, ER, IR, Push-Pull
  - AP, Inlet, Outlet projections

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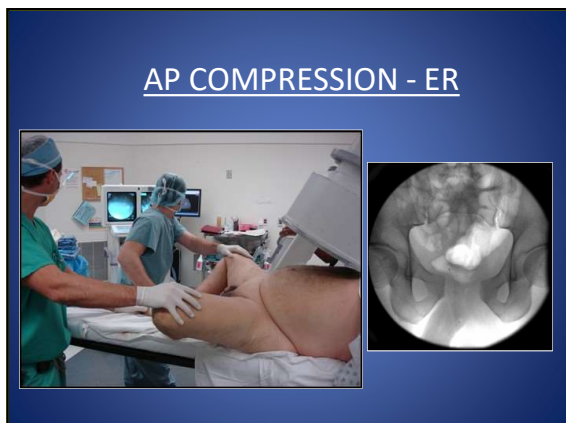
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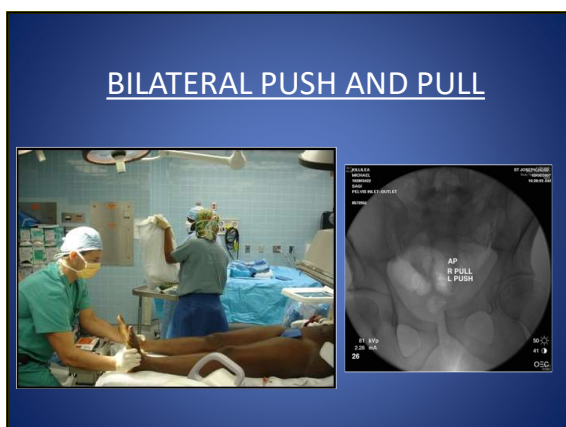
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APC INJURY

**JOT** JOURNAL OF ORTHOPAEDIC TRAUMA

J Orthop Trauma • Volume 25, Number 9, September 2011

### Examination Under Anesthetic for Occult Pelvic Ring Instability

*H. Claude Sagi, MD,\*† Franco M. Coniglione, DO,‡ and Jason H. Stanford, MD§*



- 50% = No fixation (True APC-1)
- 50% = Anterior fixation (Occult APC-2)

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APC INJURY

**JOT** JOURNAL OF ORTHOPAEDIC TRAUMA

J Orthop Trauma • Volume 25, Number 9, September 2011

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*H. Claude Sagi, MD,\*† Franco M. Coniglione, DO,‡ and Jason H. Stanford, MD§*



- 50% = No fixation (True APC-1)
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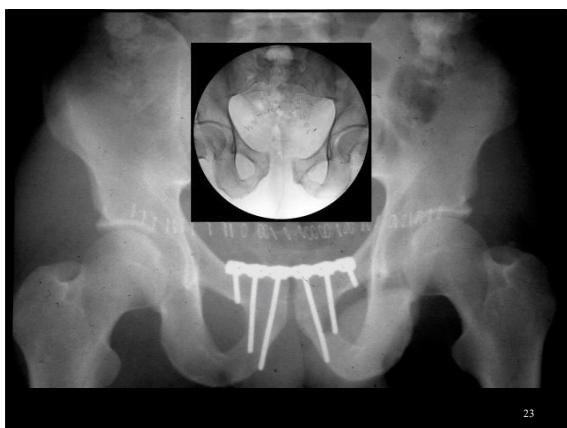
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LC INJURY

**JOI** JOURNAL OF ORTHOPAEDIC TRAUMA

*J Orthop Trauma • Volume 25, Number 9, September 2011*

### Examination Under Anesthetic for Occult Pelvic Ring Instability

*H. Claude Sagi, MD,\*† Franco M. Coniglione, DO,‡ and Jason H. Stanford, MDS*

What about the ever ubiquitous Lateral Compression?

This complex block is a slide from a presentation. It features a header with the journal name 'JOI JOURNAL OF ORTHOPAEDIC TRAUMA' and the title 'Examination Under Anesthetic for Occult Pelvic Ring Instability'. Below the title are the authors' names. The main content consists of two radiographic images: a CT scan on the left and an AP view on the right. A red arrow points from the CT scan to the AP view, highlighting a specific area of interest. At the bottom, a question is posed: 'What about the ever ubiquitous Lateral Compression?'

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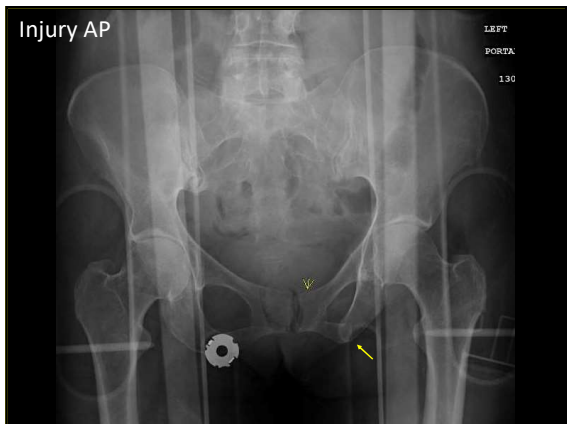
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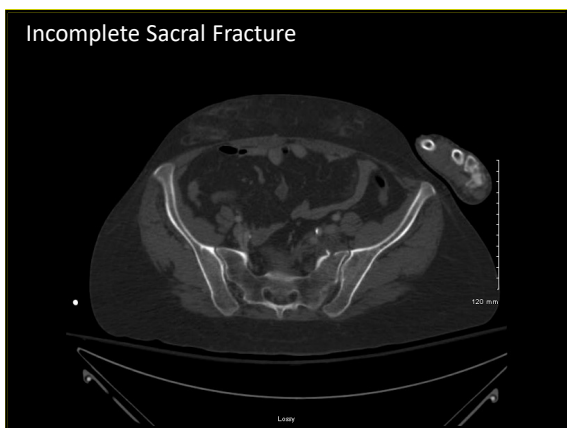
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ORIGINAL ARTICLE

*J Orthop Trauma* • Volume 25, Number 9, September 2011  
OTA Highlight Paper

**Predicting Future Displacement of Nonoperatively Managed Lateral Compression Sacral Fractures: Can It Be Done?**

*Brandon Bruce, MD,\* Mark Reilly, MD,† Steven Sims, MD‡*

Characteristic	Total Number	Number of Displaced	Rate of Displacement
Incomplete sacral fracture + none or unilateral rami fracture	54	0	0%
Incomplete sacral fracture + bilateral rami fractures	22	2	9%
Complete sacral fracture + no rami fracture	2	0	0%
Complete sacral fracture + unilateral rami fracture	17	6	33%
Complete sacral fracture + bilateral rami fractures	22	15	68%

\*Rami fractures include ipsilateral and contralateral injuries to the sacrum.

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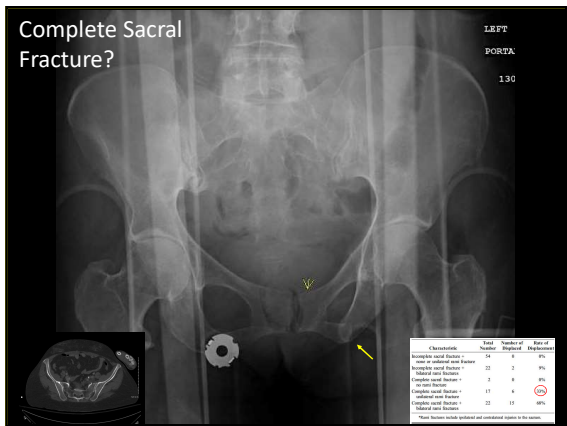
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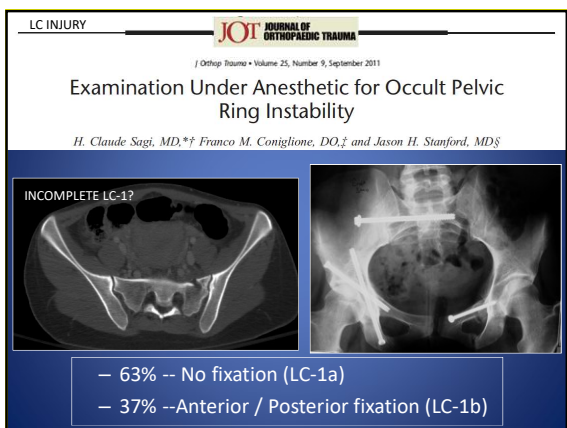
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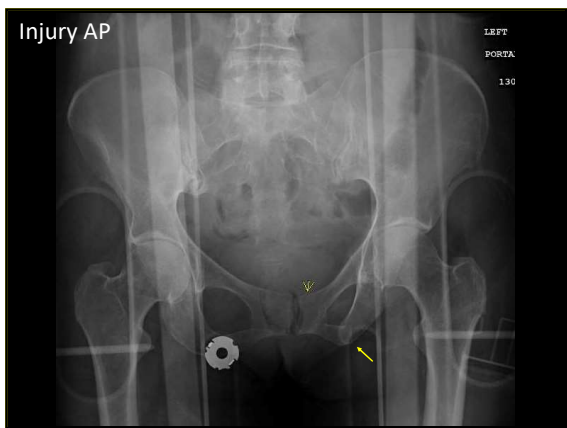
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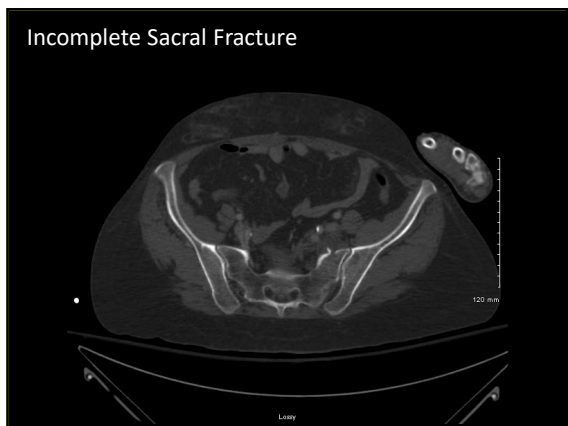
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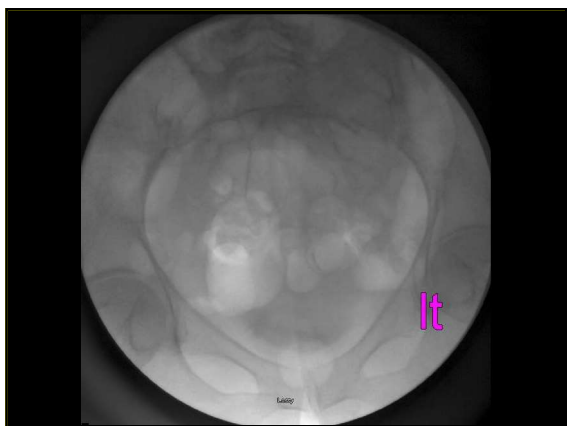
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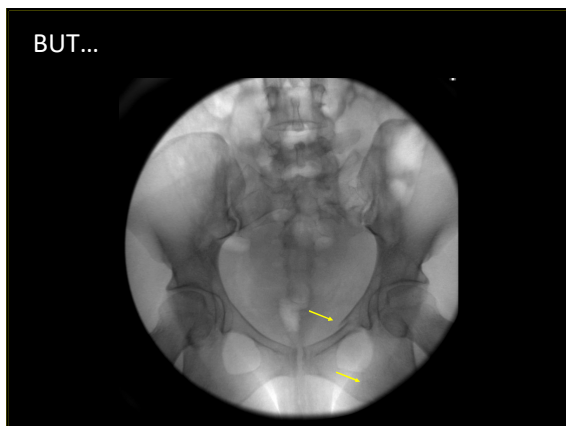
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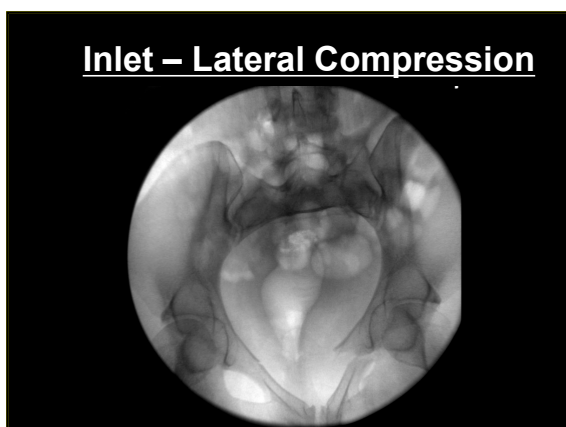
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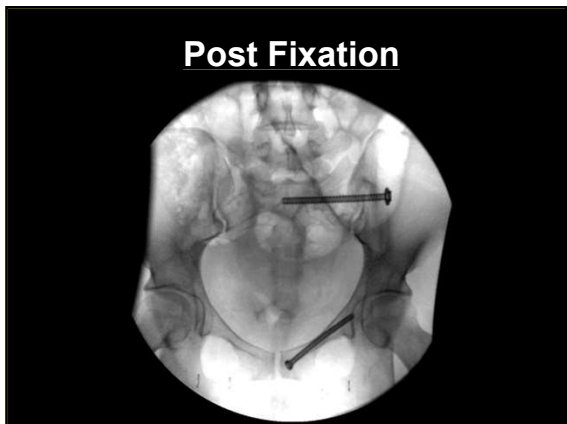
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**Conclusion**

- Static radiographs inadequately define pelvic ring instability:
  - Some APC-1 ----> APC 2 (and need fixation)
  - Some APC-2 ----> FI/Ex too muc (need post ORIF)
  - Some LC-1 ----> IR too much (?)
- Poor functional outcomes may be due (in part) to undiagnosed instability.

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**Conclusion**

- Pelvic EUA helps to confirm stability and avoid unnecessary transfers for surgery... for me.

This block contains three radiographic views of a pelvis. From left to right: an anterior-posterior (AP) view, an anterior oblique view, and a posterior oblique view. The AP view shows the entire pelvic ring. The oblique views provide a different perspective, highlighting the iliopectineal and ilioischial spines. There are some faint pink markings on the oblique views.

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### Conclusion

- Pelvic EUA is an important diagnostic tool to guide treatment and fixation...for me.



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### Conclusion

*Existing Classification Systems are OBSOLETE and cannot help to decide treatment with modern strategies.*



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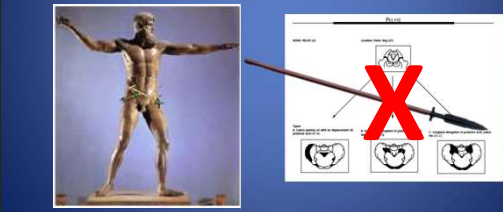
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### Conclusion

*Existing Classification Systems are OBSOLETE and cannot help to decide treatment with modern strategies.*



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