



Non-CME Webinar Series
designed with the trainee in mind

second Tuesdays of odd-numbered months

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— THE ASSOCIATION OF —
PAIN PROGRAM DIRECTORS
— ADVANCING BENEFIT IN MULTIDISCIPLINARY PAIN MEDICINE —

Sacroiliac Joint Fusion (Posterior Approach)

Matthew Meroney, M.D.

Assistant Professor

Department of Anesthesiology and Pain Medicine

University of Florida

Tuesday, May 11, 2021

7-8:30 pm ET



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- Disclosures

- None



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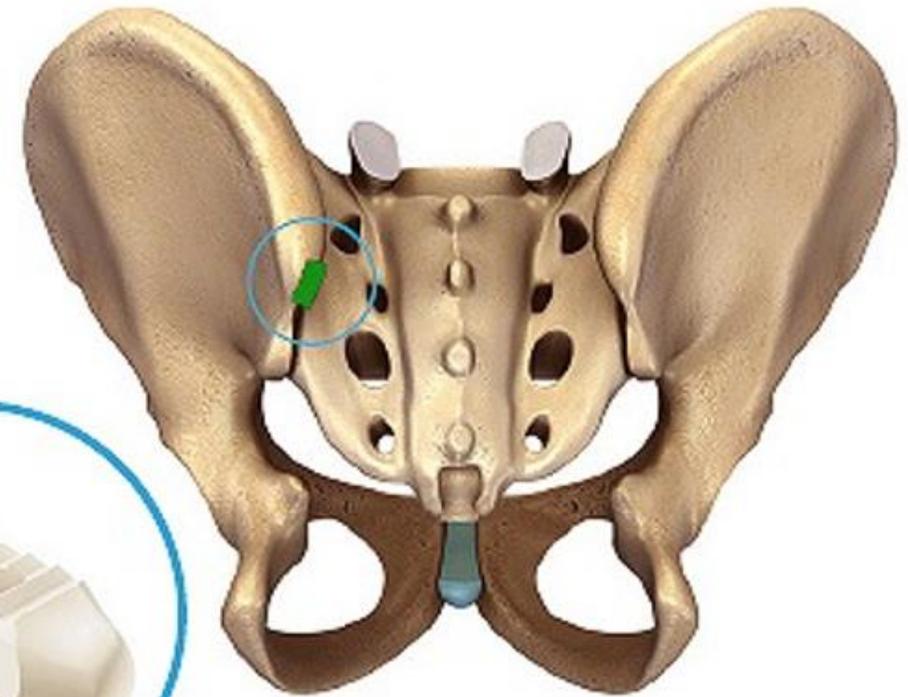
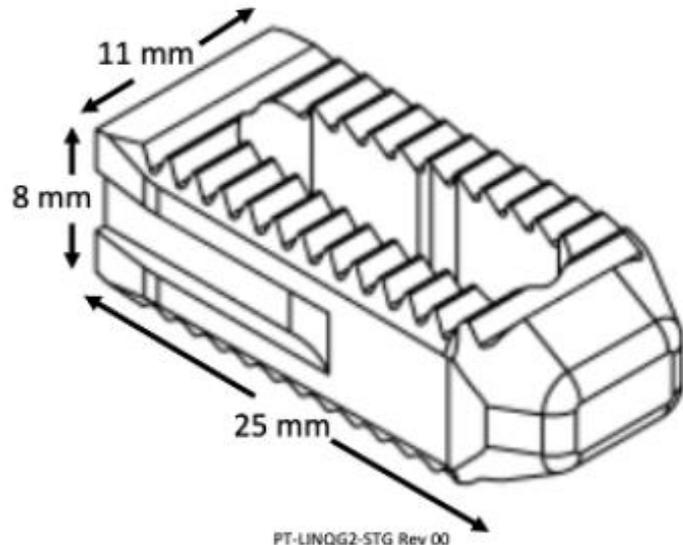
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• Sacroiliac Joint Fusion

- Bone allograft filled with demineralized bone matrix surgically placed within the SI joint



SI JOINT FUSION



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• Data

- Limited
- Lateral approach – most studied though invasive/hardware
- Current studies
 - Retrospective case series (90 patients)
 - 70-90% pain relief at 3 months average
 - SECURE study (prospective) – ongoing
- Safety
 - Minimally invasive – malposition -> sacral foramen



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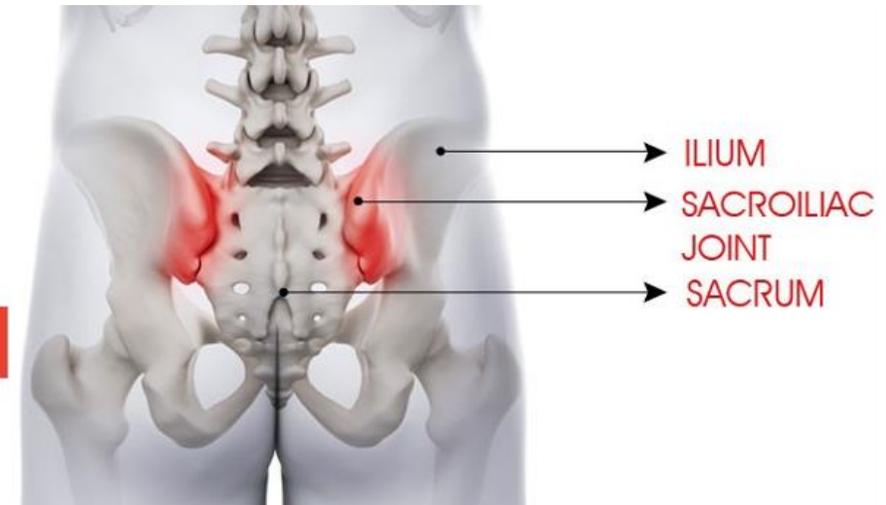


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• Indications

- Chronic SI joint pain
- 3/5 provocative tests
- Therapeutic injection
 - <3 months of at least 75% relief
- Diagnostic injection
 - >2 hours of at least 75% relief
 - Intraarticular contrast > specificity
 - Near 100% relief – best indicator

Sacroiliac Joint Pain





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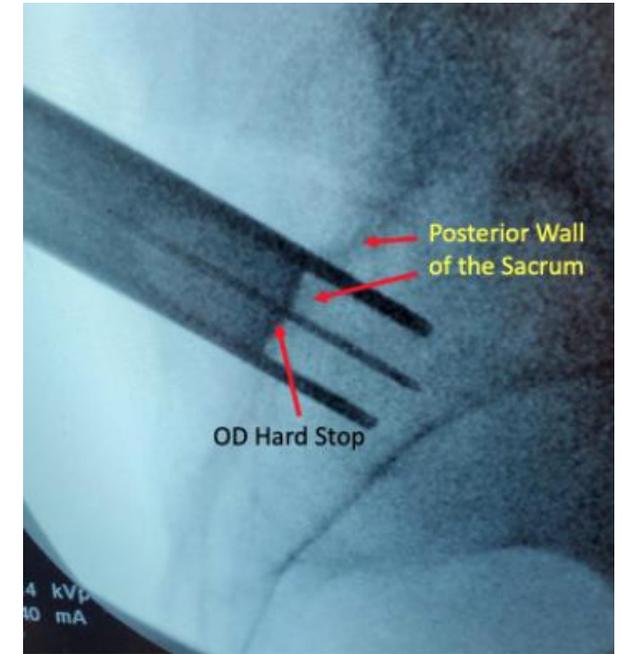
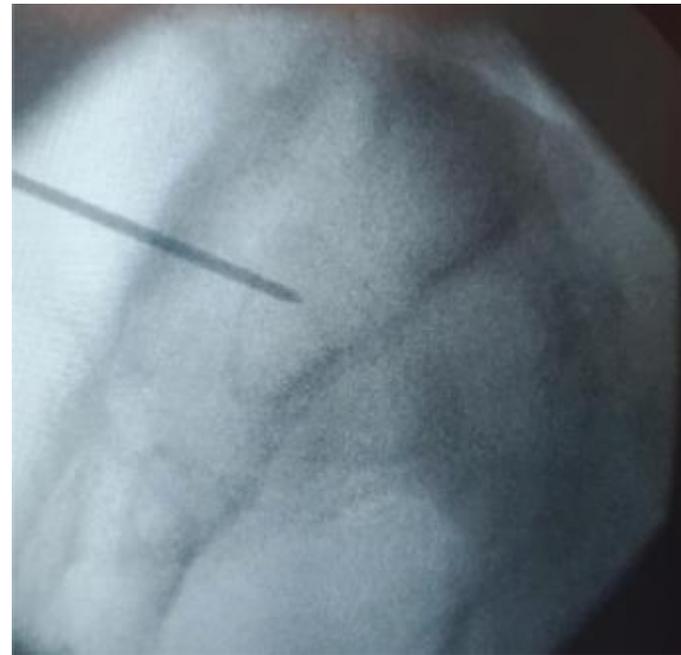
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• Procedural Technique

- Spinal needle
- Steinman pin
- Tissue dilator/working cannula





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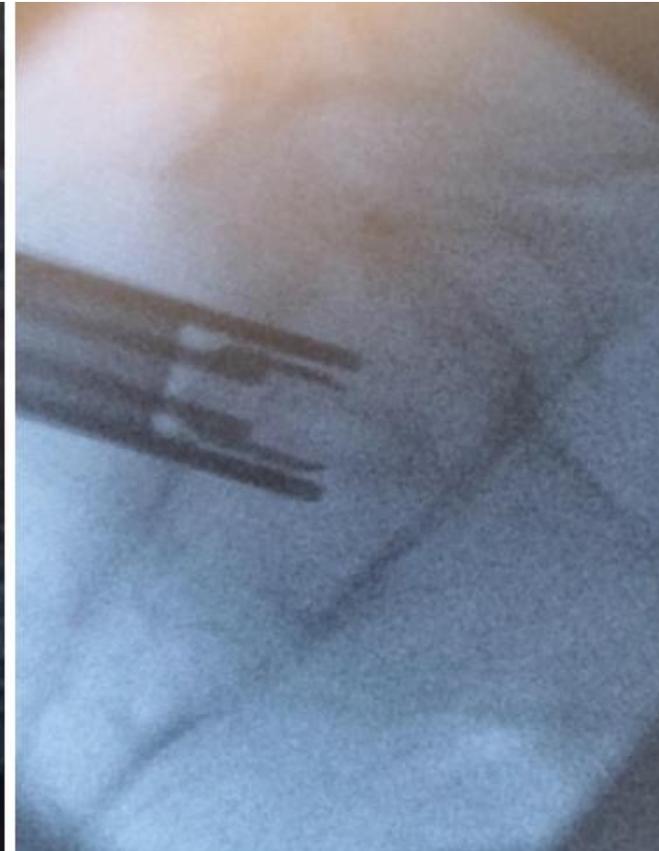
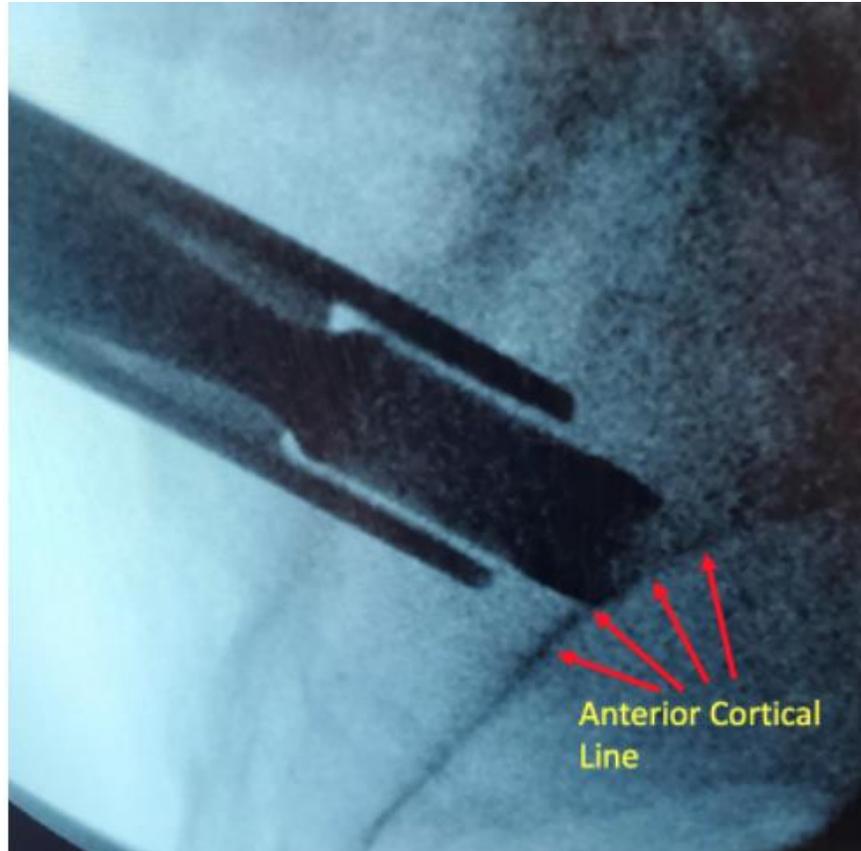
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• Procedural Technique

- Decorticator
- Allograft





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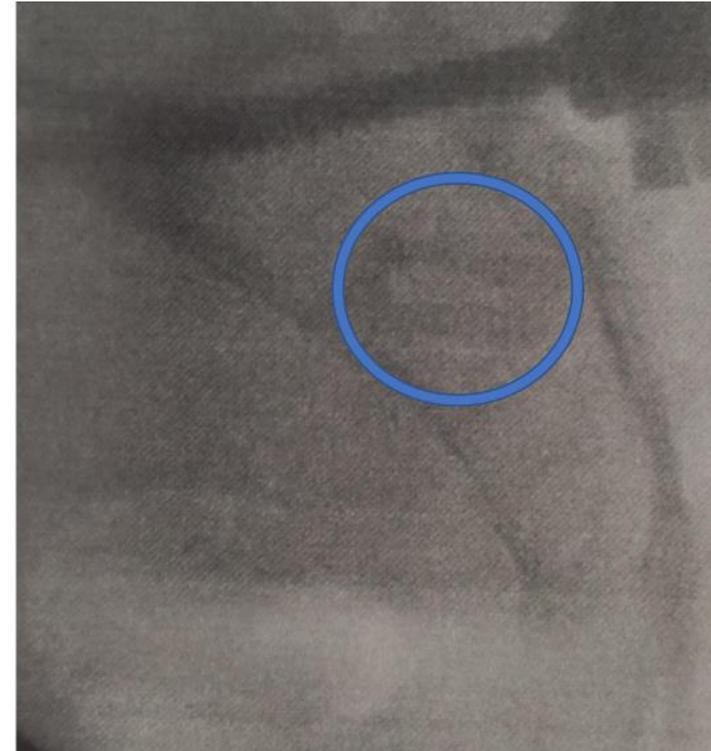
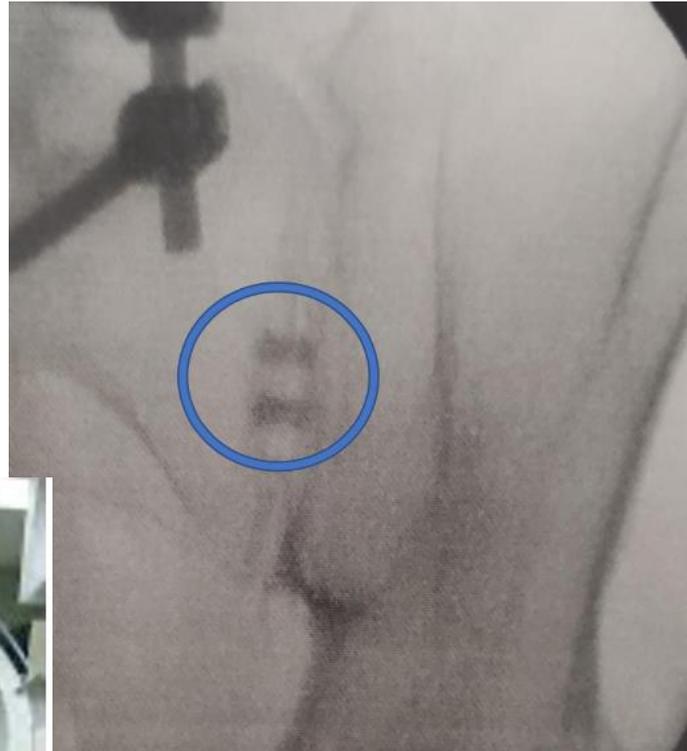
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• Procedural Technique

- Allograft

• Anesthetic

- Local + MAC





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- Thank you

