Multicenter Outcomes of Endoscopic Pubic Symphysectomy For Osteitis Pubis Associated with Femoroacetabular Impingement

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DISCLOSURES

Product development:
- Smith and Nephew
- Biomet

Committees
- Chairman, AAOS Sports Medicine/Arthroscopy program committee
- Director, Traveling fellowships, Orthopaedics Overseas

Editorial Boards:
- Journal of Arthroscopy
- Orthopedics Today
Athletes with FAI

- **Transfer stress**
- **Conservative Rx**
  - Prolonged
  - 7-9% fail
Management of both disorders concurrently led to improved outcomes and a return to sporting activity in 89%.
Pubic Symphysis Curettage

- Open curettage
  - Radic, AJSM 2008

- Mini-open curettage
  - Hechtman, Sports Health 2010
Pubic Symphysis Curettage

- **Open curettage**
  - Radic, AJSM 2008

- **Mini-open curettage**
  - Hechtman, Sports Health 2010

- **Endoscopic pubic symphysectomy**
  - Matsuda, Orthopedics 2010
PURPOSE

To investigate the safety and efficacy of endoscopic pubic symphysectomy
Endoscopic Pubic Symphysectomy
Methods

Case series
  - USA and Spain
7 adult athletes
  - 2 professional
  - 4 male
FAI + OP
Min 2 year FU
  - Mean 2.9 yr (2.0-5.0)

VAS
NAHS
Satisfaction
Radiographs
Outcomes: VAS

Pre-op 6.7 → Post-op 2 (P=0.03)
Outcomes: NAHS

Pre-op 50.2 → Post-op 85.5 (P=0.03)
Outcomes: Satisfaction

8.3 (3-10)
- Including 1 revision
Outcomes: Radiographic

- No instability

- Flamingo view →
  3 mm vertical excursion
  5mm or less is physiologic
  Garras, 2008
Scrotal Swelling

- Pre-op: Inform male patients
- Low pump pressure
Conclusions

- Endoscopic pubic symphysectomy may provide clinical benefit for recalcitrant osteitis pubis.
- Complimentary outpatient MIS in athletes undergoing concurrent arthroscopic surgery for FAI.
References


Thank You