

PROBLEM HIP IMAGING

PETER GENDALL



- Pain between the umbilicus and upper thigh is a minefield of anatomy and an area of complexity that can challenge the most gifted practitioners.
- Acute, subacute, and chronic injuries to bone, nerve, muscle, and ligament may be combined with structural and/or functional abnormalities.
- Ansede et al Semin Musculoskelet Radiol 2011;15:3-13



Image is from 3D4Medical's Muscle System Pro III App



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HIP and PELVIC INJURIES

- 5-6% ADULT ATHLETIC INJURIES
- 10-24% in CHILDREN

Ansede et al Semin Musculoskelet Radiol 2011;15:3-13

CLASSIFICATION

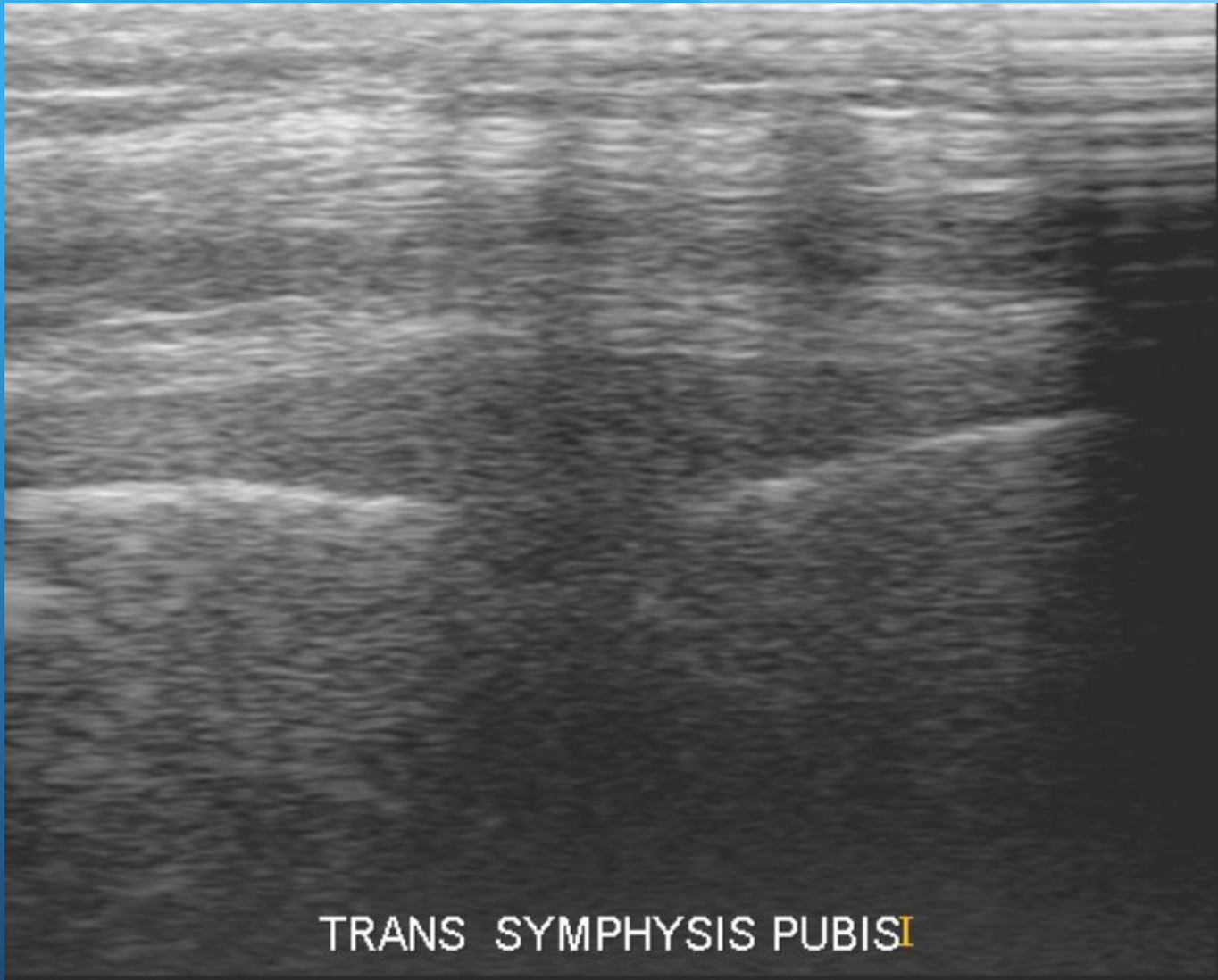
- ARTICULAR

OSSEOUS

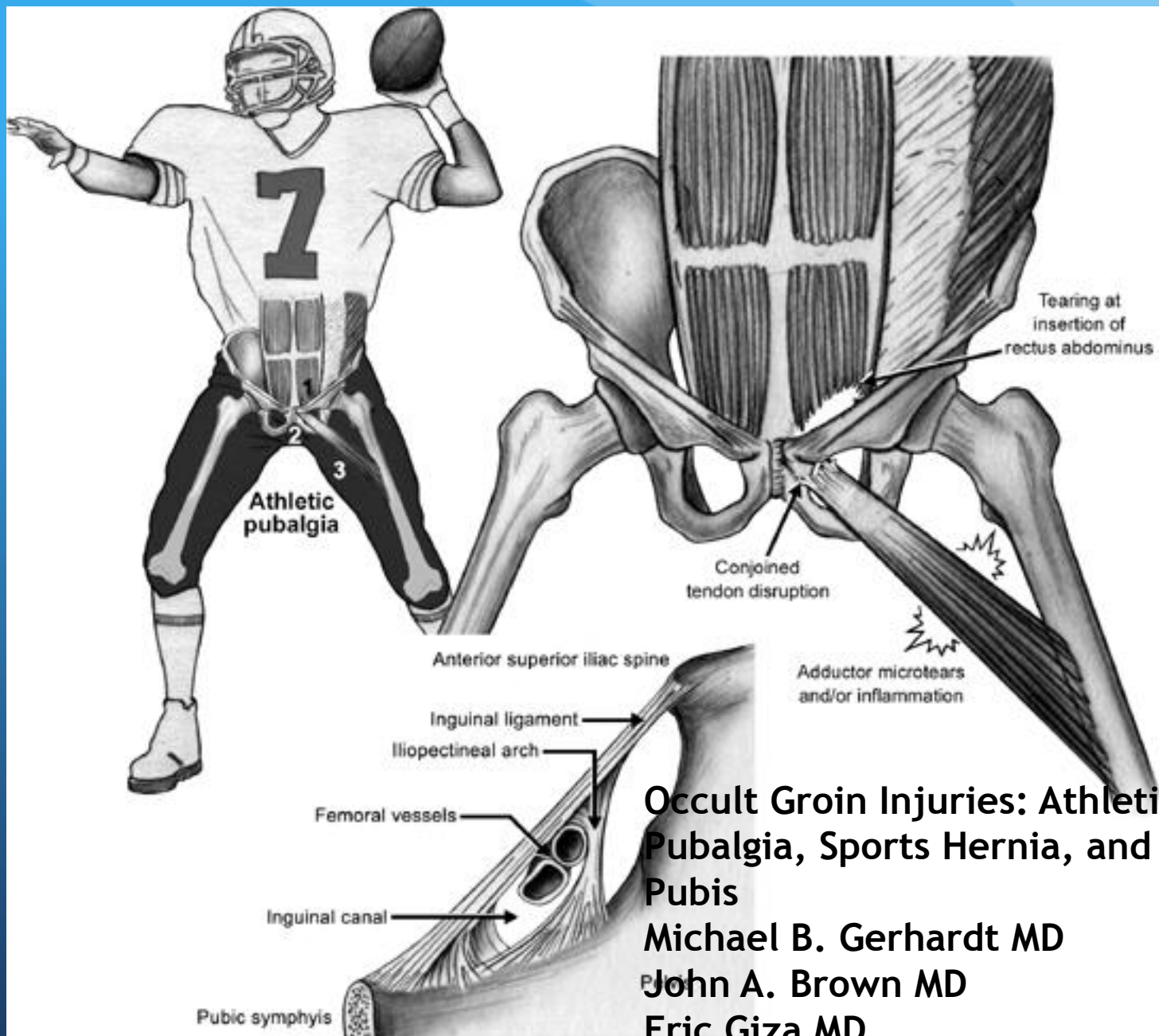
- TENDON

MUSCLE PATHOLOGIES

REFERRED PAIN



TRANS SYMPHYSIS PUBIS I



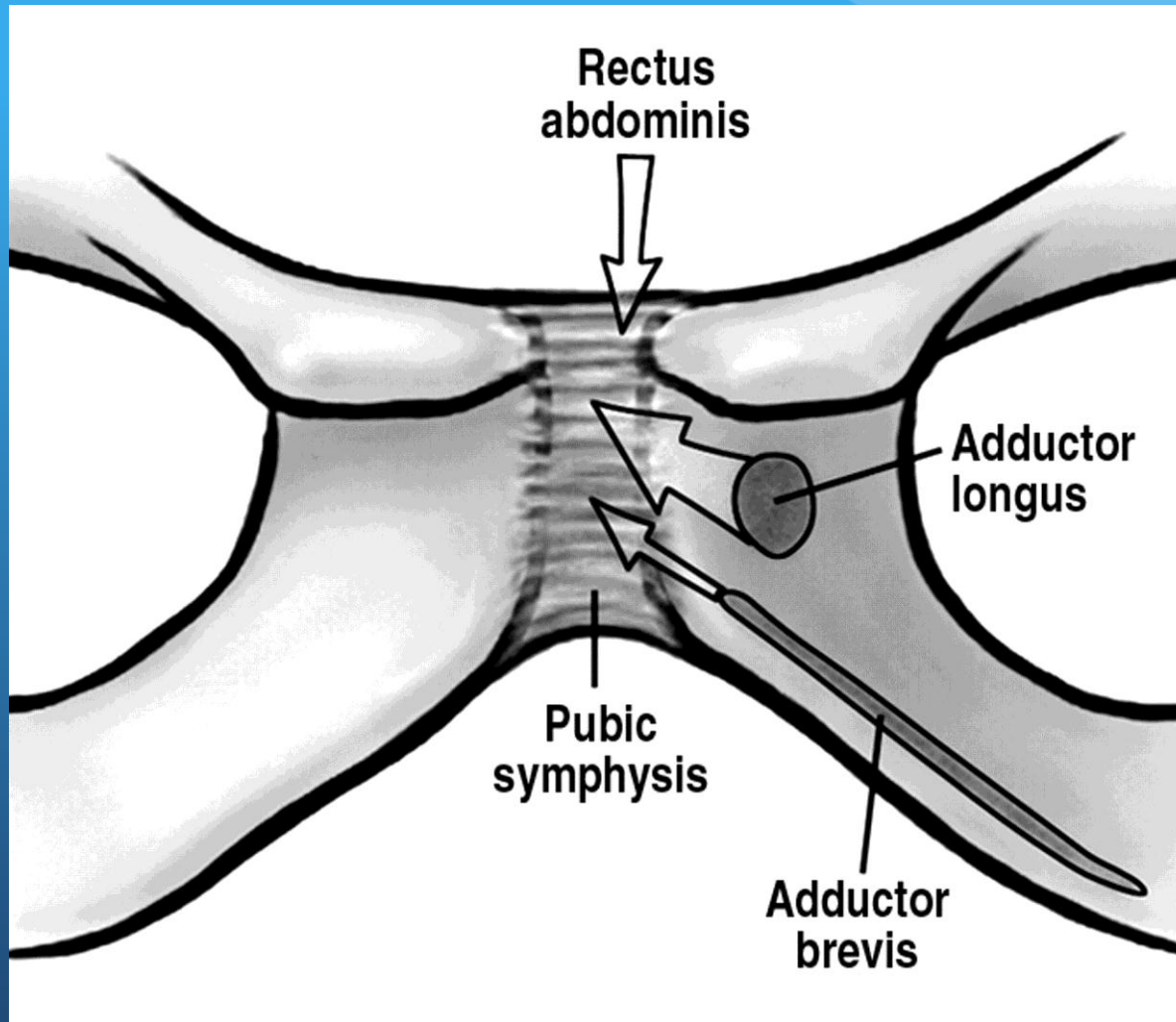
Occult Groin Injuries: Athletic Pubalgia, Sports Hernia, and Osteitis Pubis

Michael B. Gerhardt MD

John A. Brown MD

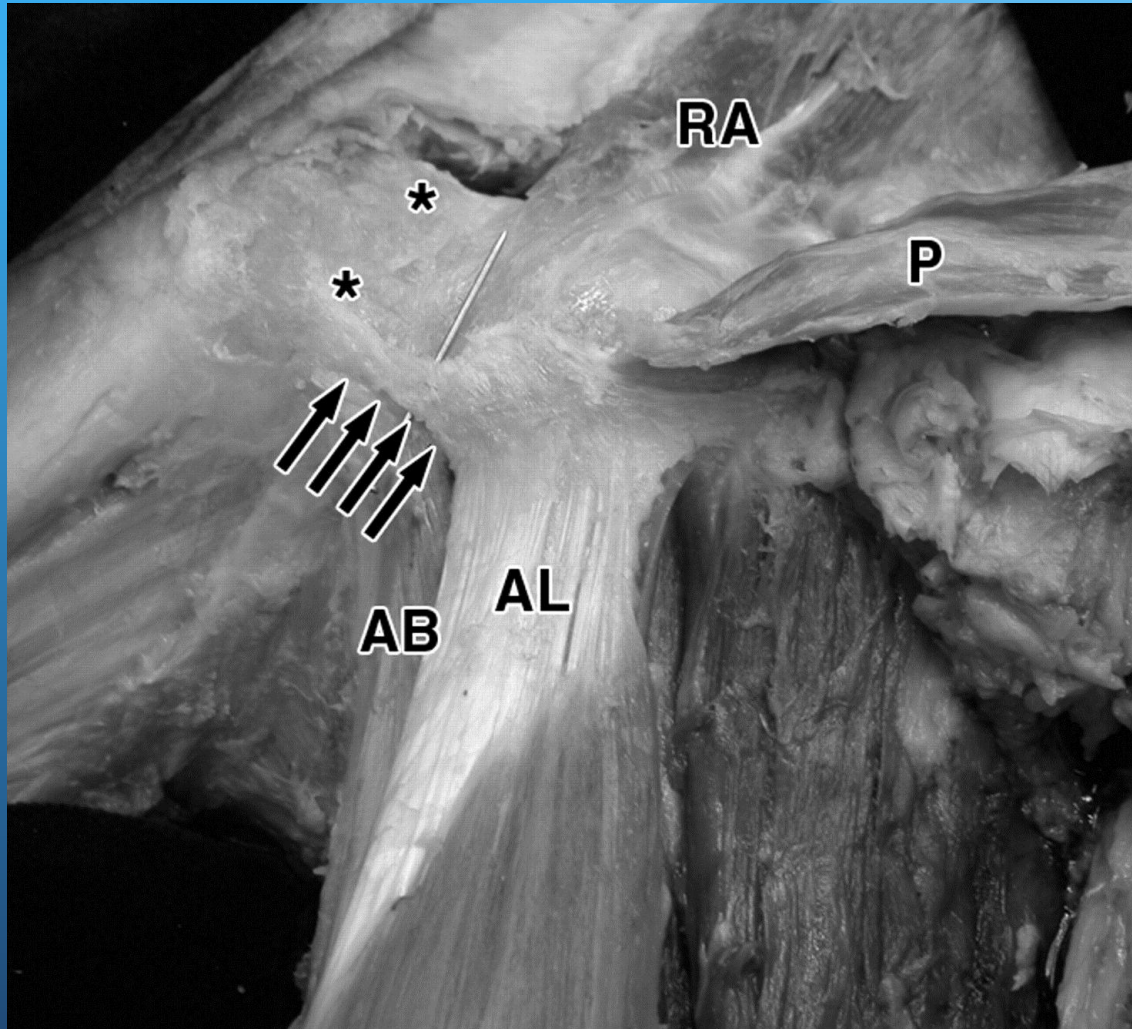
Eric Giza MD

—Male cadaver dissection, normal anatomy.

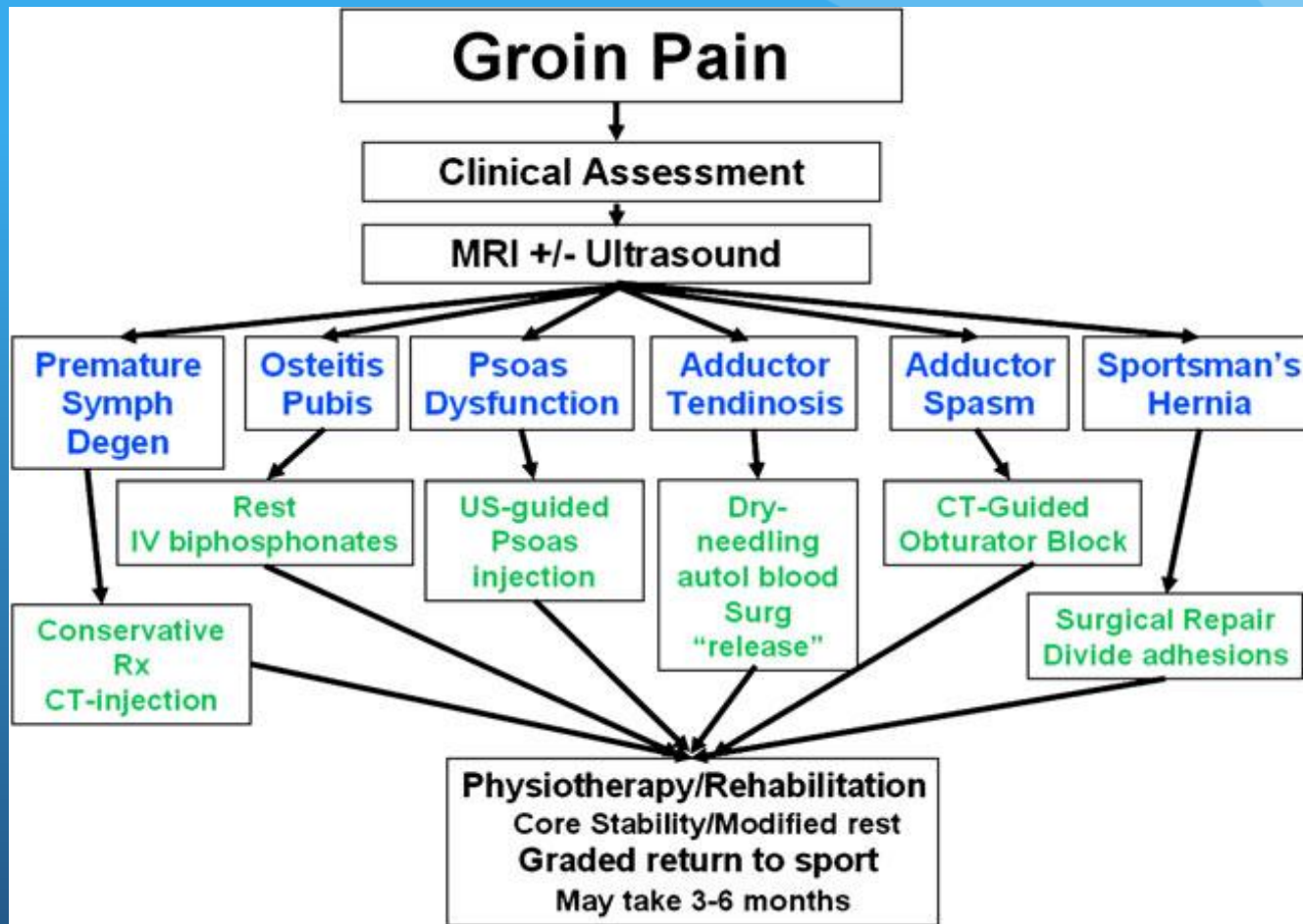


Robinson P et al. AJR 2007;188:W440-W445

—Male cadaver dissection, normal anatomy.



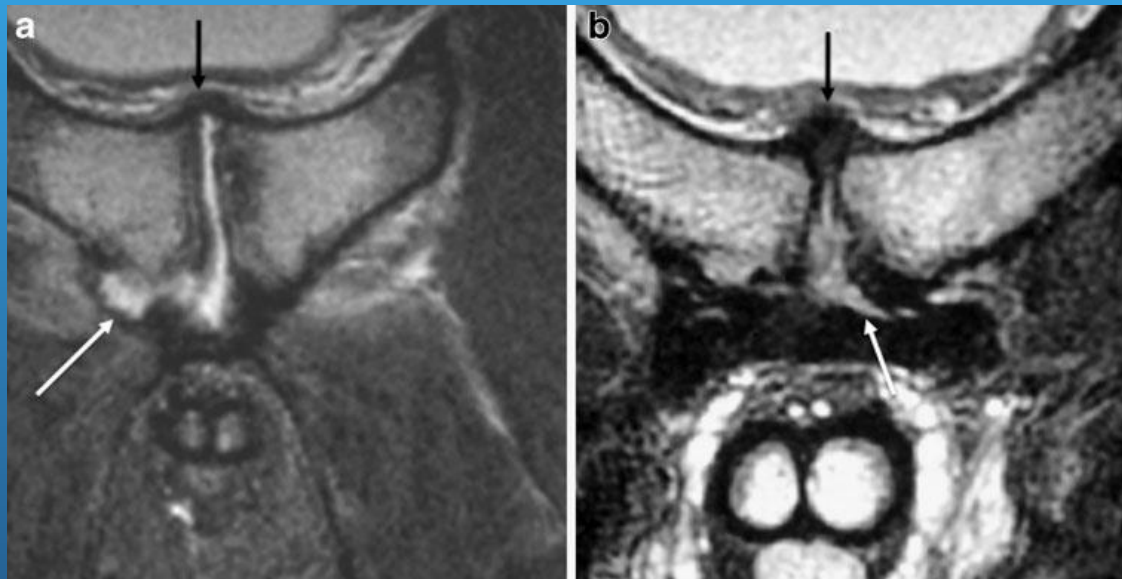
Robinson P et al. AJR 2007;188:W440-W445



Review: imaging of groin pain in the athlete

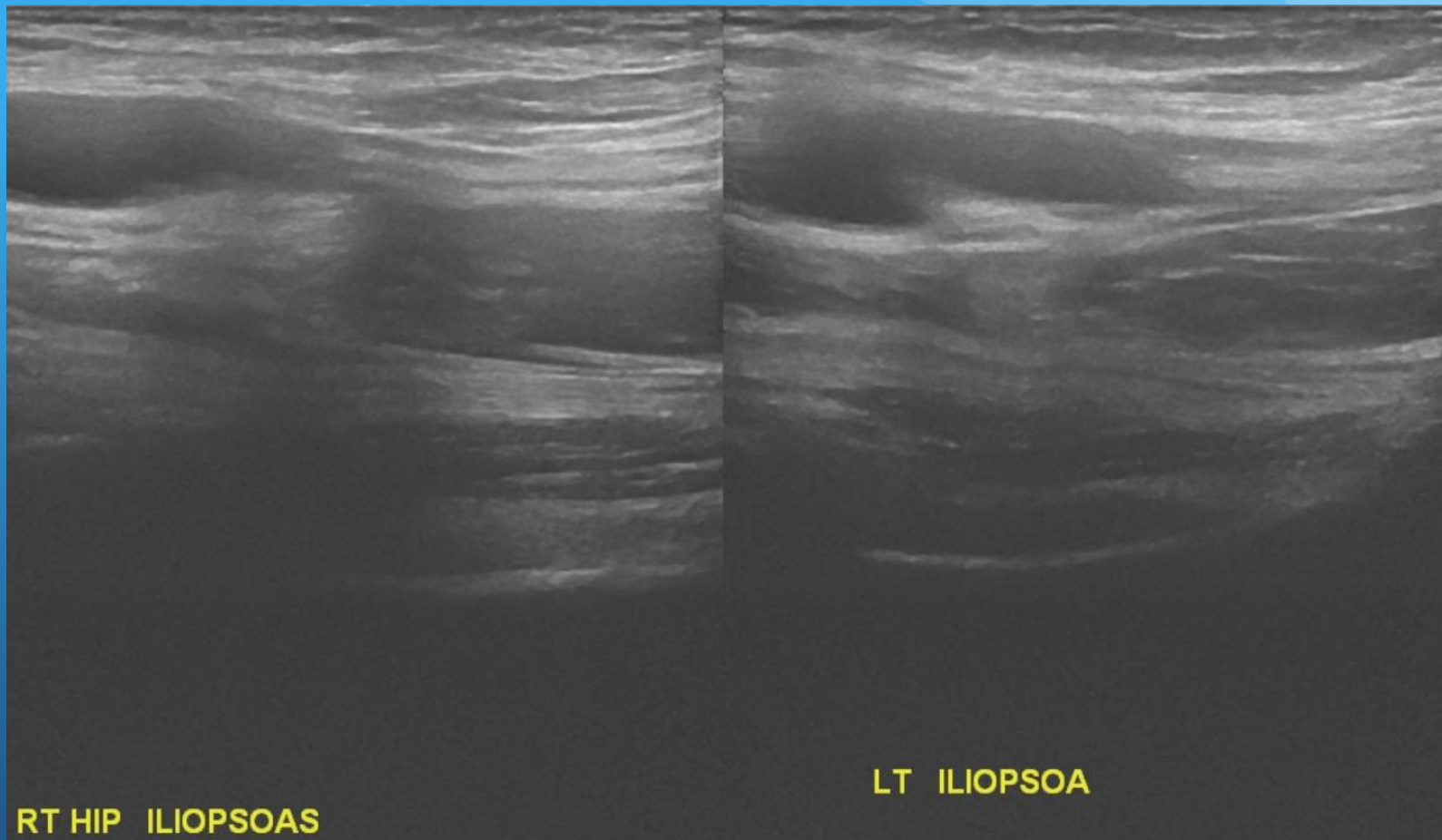
Alun G. Davies • Andrew W. Clarke • J. Gilmore •
M. Wotherspoon • David A. Connell

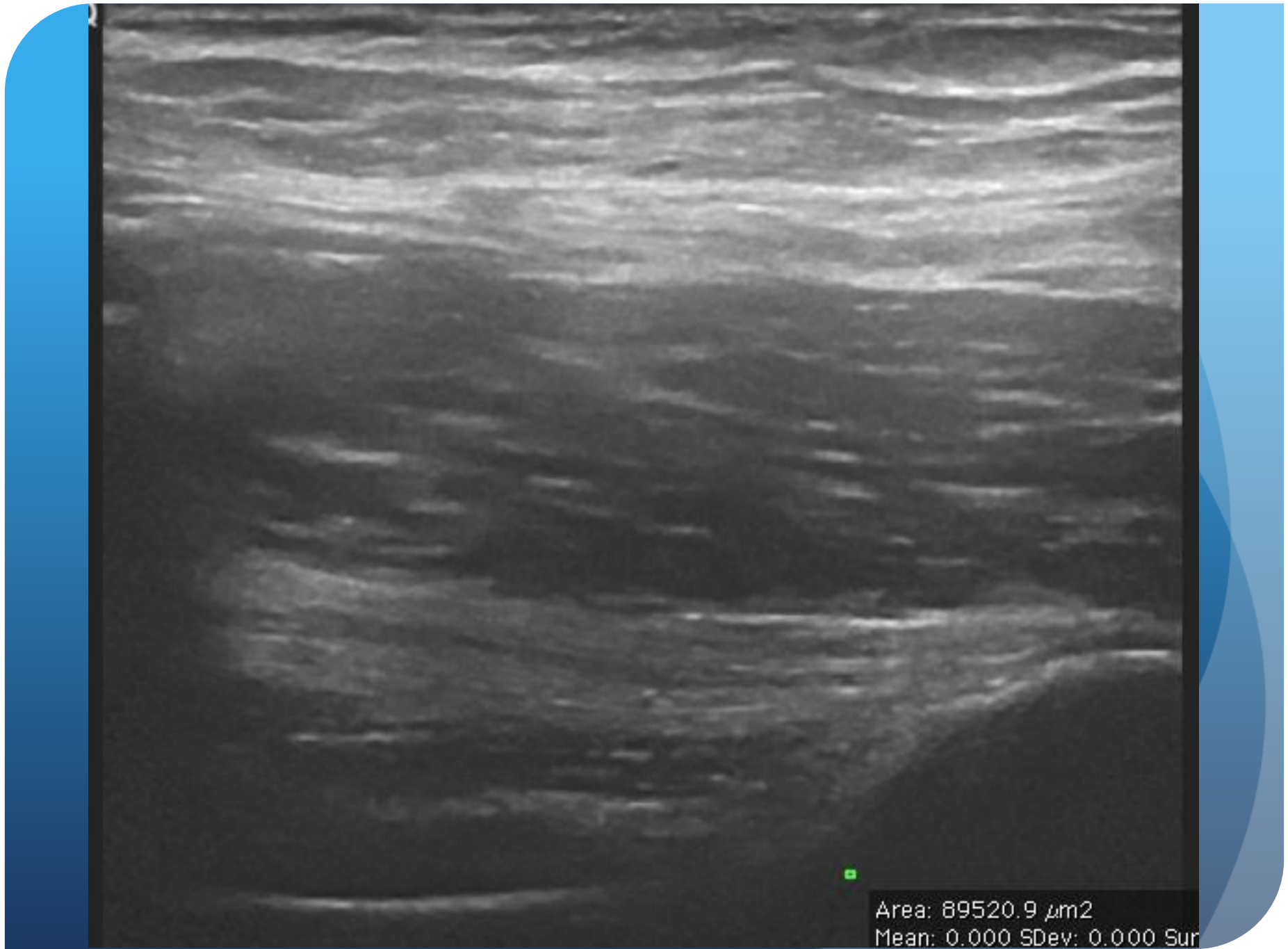
Skeletal Radiol (2010) 39:629–644



Review: imaging of groin pain in the athlete

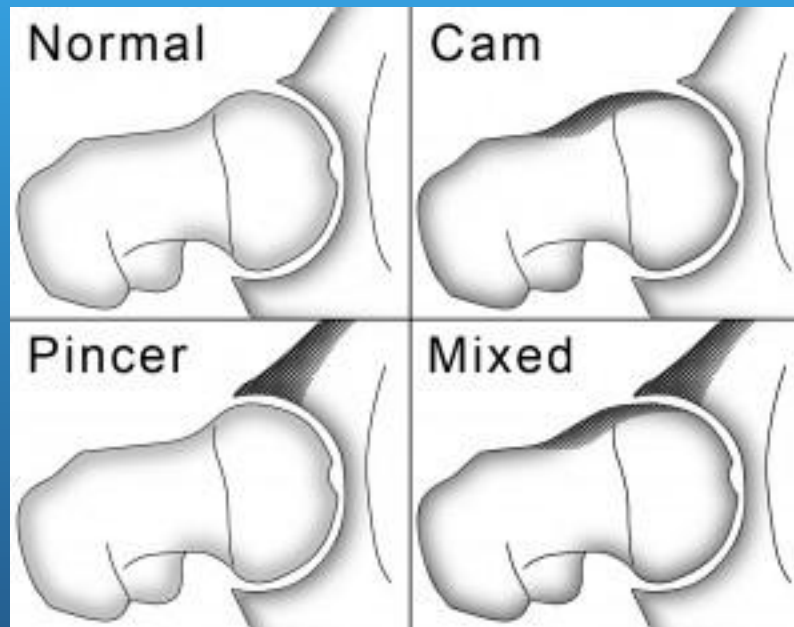
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M. Wotherspoon • David A. Connell

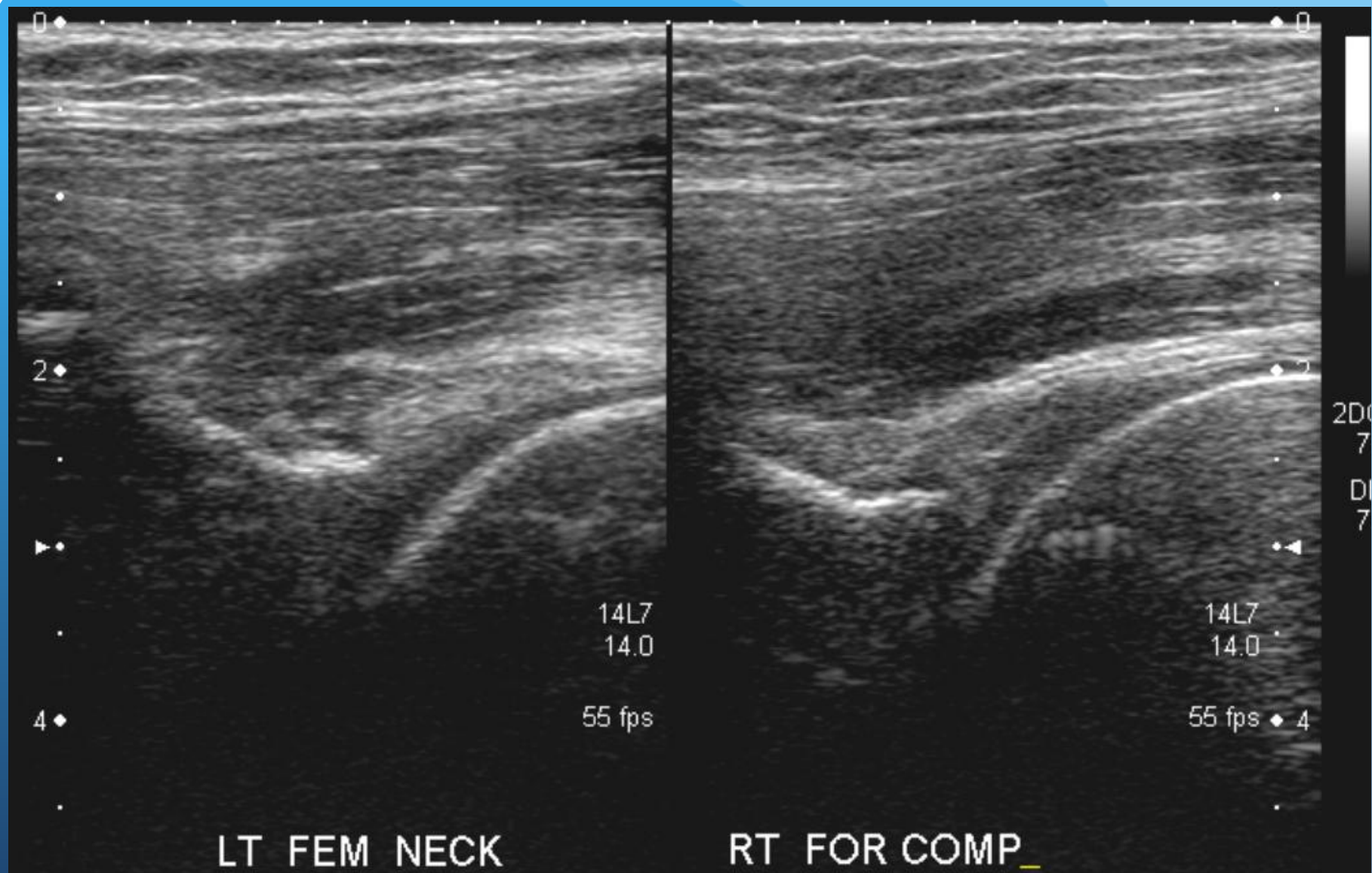




Imaging Femoroacetabular impingement

- 17 papers in 2012
- Earliest of 165 is published 1999





Lt PARALABRAL CYST

