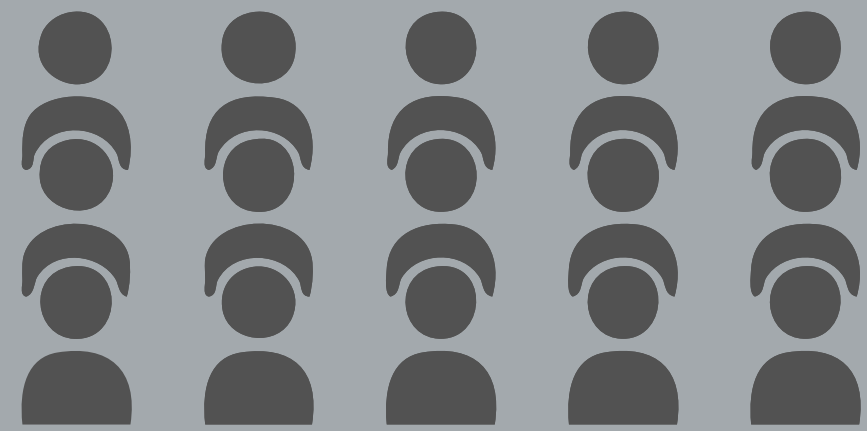


# Repaired vs. Unrepaired Capsulotomy after Hip Arthroscopy: What the MRI Shows

## Double-blind randomized controlled trial

15 patients with femoroacetabular impingement underwent simultaneous **bilateral hip arthroscopy**



(30 hips)

Interportal capsulotomy (<3 cm)

## Randomization



Capsulotomy  
repair  
(15 hips)

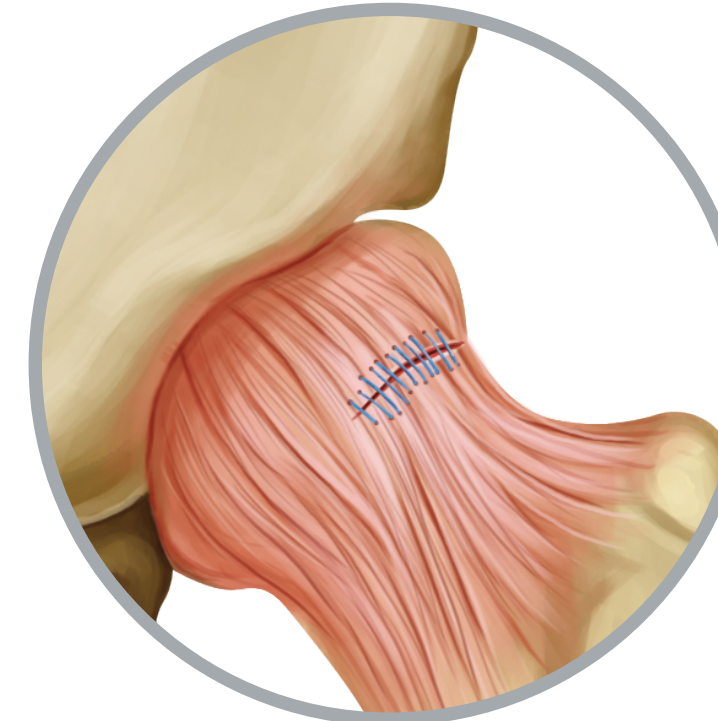
Capsulotomy  
non-repair  
(15 hips)

**Follow-up analyses**  
MRI at 6 and 24 weeks

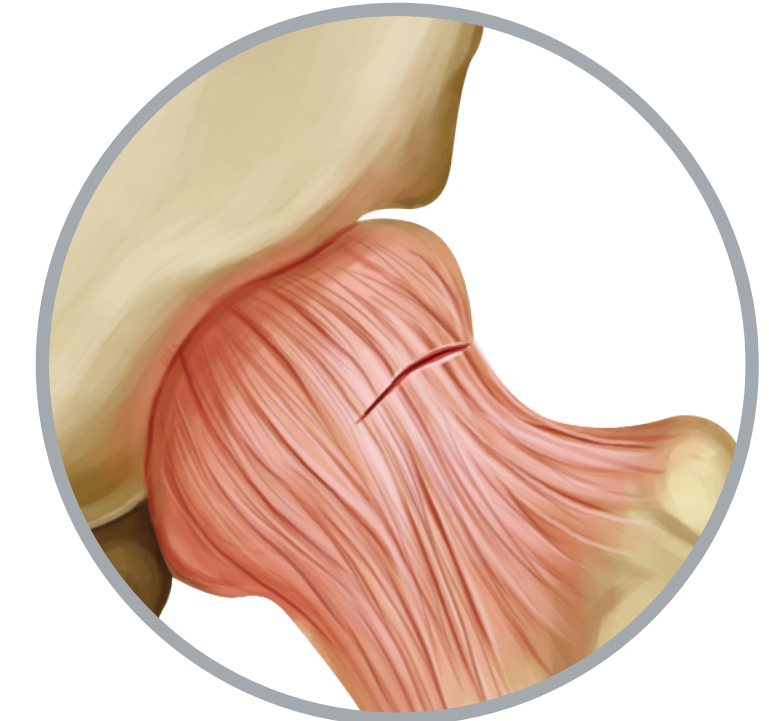
## MRI findings



## Capsulotomy repair



## Capsulotomy non-repair



6 weeks

Continuous hip  
capsule observed

8 of 15 hips

3 of 15 hips



24 weeks

Contiguous hip capsule  
with no defects observed

13\* of 15 hips

13\* of 15 hips

\*2 patients were lost on follow-up



Both repaired and unrepaired interportal capsulotomy sites (<3-cm) show complete healing on MRI 24 weeks after hip arthroscopy

**MRI Evaluation of Repaired Versus Unrepaired Interportal Capsulotomy in Simultaneous Bilateral Hip Arthroscopy: A Double-Blind, Randomized Controlled Trial**

Strickland et al. (2018) doi:10.2106/JBJS.17.00365

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