

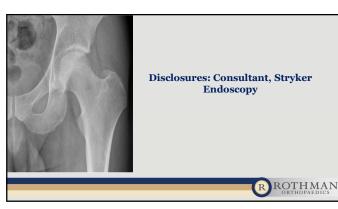


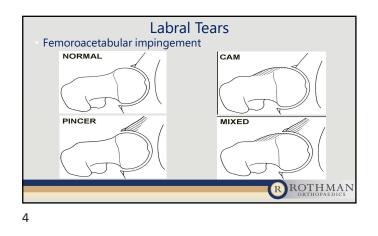
### **Biography**

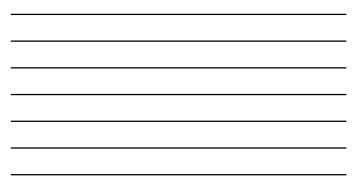


SPEADING Dr. Salvo is double board certified in orthopaedic surgery and sports medicine by the American Board of Orthopaedic Surgeons. He specializes in sports injuries, knee ligament (ACL & PCL) reconstructions, meniscus tears, shoulder instability, rotator cuff repairs, and hip arthroscopy. As Director of the Hip Arthroscopy program at Rothman Orthopaedic Institute, Dr. Salvo is one of the region's leaders in hip arthroscopy & hip preservation, particularly in athletes. He is a team physician for the Philadelphia Eagles as well as the Philadelphia Flyers, and a consultant for the Philadelphia Philles. He is an Associate Professor of Orthopaedic Surgery at The Sydney Kimmel Medical College at Thomas Jefferson University Hospital. He is an active member of several subspecialty societies, including the American Academy of Orthopaedic Surgeons, the Arthroscopy Association of North America, and Henrican Orthopaedic Society for Sports Medicine, and the International Society for Hip Arthroscopy.















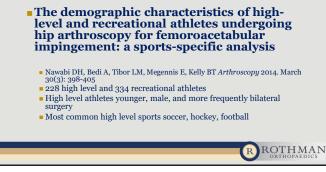








#### **Outcomes**



#### **Outcomes**

- Arthroscopy Up to Date: Hip Femoroacetabular Impingement
- Khan M, Habib A, de Sa D, Larson CM, Kelly, BT, Bhandari M, Ayeni OR, Bedi A Arthroscopy 2016 Jan 32 (1): 177-89
   Comprehensive review and summary of articles published in Arthroscopy and AJSM for hip arthroscopy and FAI
   60 studies in Arthroscopy and 24 in AJSM
   71% Arthroscopy and 20% AJSM Level IV studies
   81% used mHHS with improvement from 60 to 80 at midterm and 87 up to 24 months
   Arthroscopic intermention model.

  - Arthroscopic intervention resulted in improvement in patient function in short-term (<6 months) and mid-term (<24 months) for patients with symptomatic FAI and no degenerative changes

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### **Outcomes**

- The Importance of Comprehensive CAM Correction: Radiographic Parameters Are Predictive of Patient-Reported Outcomes at 2 Years After Hip Arthroscopy Landsdown DA, Kunze K, Ukwani G, Waterman BR, Nho SJ AJSM 2018 Radiographic measurements are predictors of 2 yr clinical outcomes
  - Femoral side measures were strongest independent predictors of outcomes

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# **Outcomes**

- Return to sport after hip surgery for femoroacetabular impingement: a systematic review
  - Castarelli NC, Leunig M, Maffiuletti NA, Bizzini M
  - Br J Sports Med 2015;49:819-824
  - 18 case series Level IV evidence
  - 87% return to sport and 82% at same level
  - Trend for professional return to same level vs collegiate and recreational athlete

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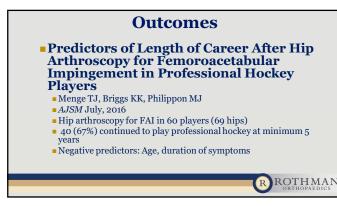
# **Outcomes**

# • Femoroacetabular Impingement in Professional Football Players: Return to Play and Predictors of Career Length after Hip Arthroscopy Menge TJ, Bhatia S, McNamara SK, Brigge KK, Philippon MJ AJSM July, 2017 Hip arthroscopy for FAI in 51players (60hips) 87% able to participate in at least one professional game

- Average 38 games, 3.2 seasons
- Lineman less likely to RTP

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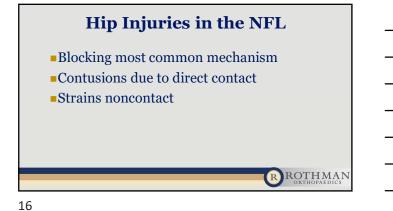
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# Hip Injuries in the NFL Hip & groin injuries account for 5-7% of all injuries in NFL (Feely et al AJSM 2008) **3%** hip injuries and majority muscle strains Defensive backs and WR most hip injuries OL lost most time (>18 days)

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Hip Injuries in the NFL Proximal rectus femoris ruptures typically treated non-operatively RTP 3-10 wks Adductor longus typically treated nonoperatively RTP 6 wks non-surgical, 12 wks surgical

Hip Injuries in the NFL -Imaging studies at NFL combine symptomatic (attendees and retired players) - High radiographic incidence of FAI - Labral tears 89% - Chondral lesions 98% - LT tears 81%

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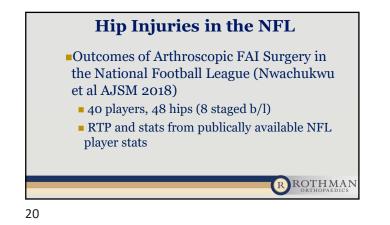
## Hip Injuries in the NFL

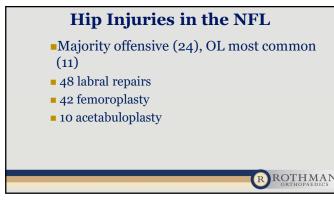
 Increased alpha angle best imaging study as predictor of pain

 Hip arthroscopy for FAI and labral repair
 RTP 85-90%

Linemen 6 x less likely RTP

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## Hip Injuries in the NFL

- 37 RTP mean 6 months
- 9.5 games post-op season (11 pre-op)
- Played mean 3.3 <u>+</u> 1.5 seasons post-op (CONTROL GROUP 2.5 <u>+</u> 1.5 seasons)

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