Does The Surgical Approach To Fai Influence The Results In Alpha Angle Correction?

Jochen Müller-Stromberg
Dirk Schemmann
Jennifer Rudolph
Holger Haas
• Consultant for Arthrex Inc.
• No further disclosures
Capsulotomy in hip arthroscopy?

- Different extends recommended
- Suture capsulotomy
- Bigger capsulotomy = better vision?
Material and methods

- Retrospective study
- Central-first vs. Extraarticular approach
- Gender and age-matched pairs
- 20 patients per group
- Pre- and postop. ap. and frogleg projection
Results: Alpha angle correction
Results

• Significant reduction of alpha-angle
  – Preop 66° vs. postop 51° in ap
  – Preop 64° vs. Postop. 46° in frogleg

• No differences between approaches
  – 52° central vs. 49° extraarticular (p>0.05)

• No adverse effects
Conclusions

• Both approaches with good radiological results
• No significant differences, but slightly better correction of the lateral part of the bump in the extraarticular approach group
• Group sizes too small to identify the difference as significant
• Will conduct further research with bigger groups
References
