Hip Arthroscopy with Concomitant PAO: Outcomes and Survivorship at Minimum 10-Year Follow-up

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Disclosures

I (and/or my co-authors) have something to disclose.

Detailed disclosure information is available via:

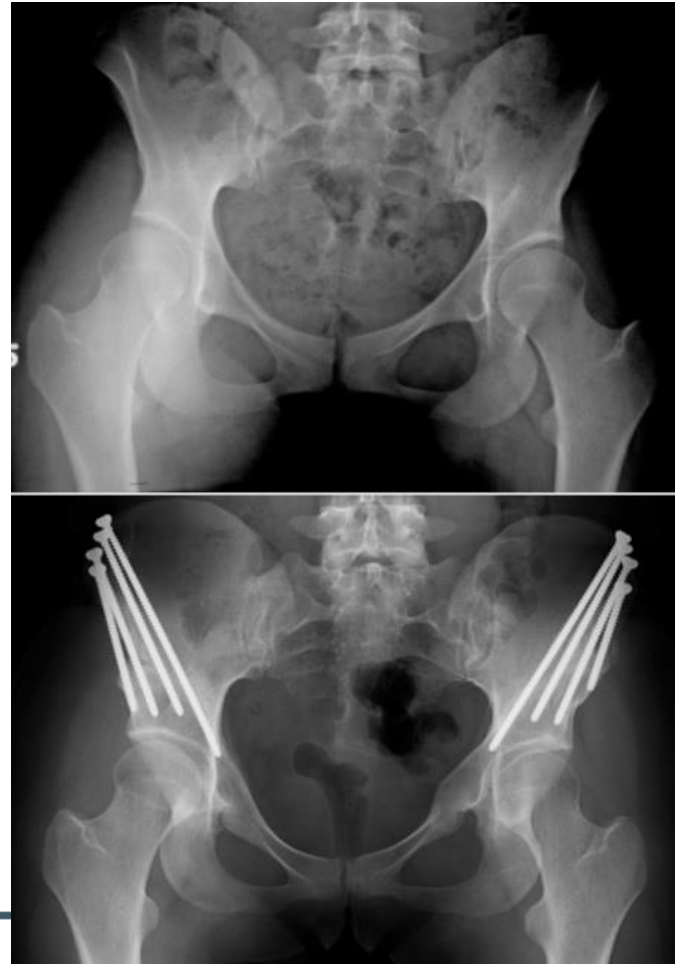AAOS Orthopaedic Disclosure Program on the AAOS website at
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Background

Intra-articular pathology
80-100%

Post-PAO Hip Arthroscopy
10-15%

Combined approach **Good mid-term results**

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Purpose

10-year follow-up results and survivorship of hip arthroscopy with concomitant PAO

Durable outcomes at 10-year follow-up and high survivorship.

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Methods

Primary hip arthroscopy with concomitant PAO. (n=13)

mHHS, NAHS, HOS-SSS, and VAS, iHOT-12

Patients were excluded from the study if they had prior ipsilateral hip surgery or a Tonnis grade >1.
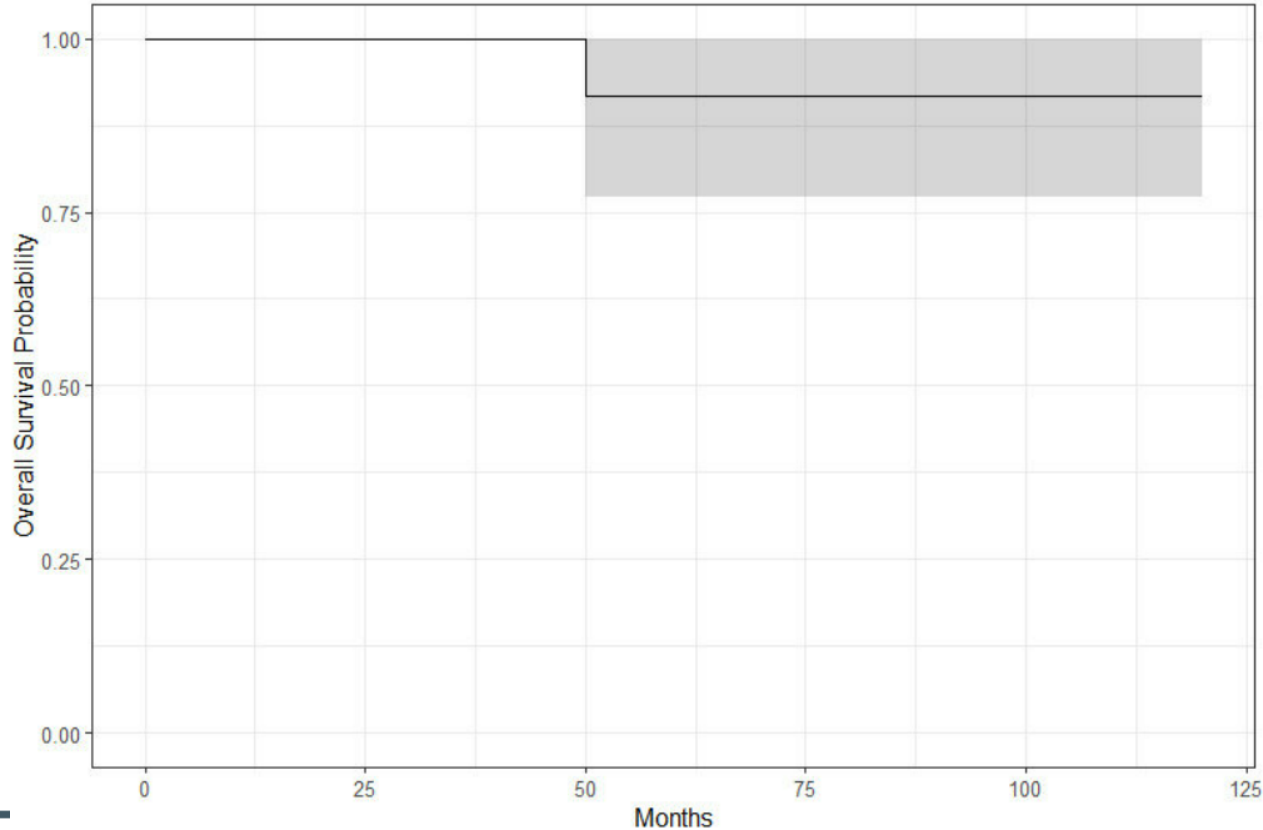
Results: Radiographic

Measurement	Pre-Operative	Δ	Post-Operative	P value
Tonnis Grade 0	13 (100%)	-	13 (100%)	>0.99
LCEA	16 ± 5.0	15.2 ± 7.7	31.2 ± 7.4	**<0.001**
ACEA	13.3 ± 5.3	18.6 ± 7.3	31.3 ± 6.8	**<0.001**
Tonnis Angle	16.5 ± 4.3	-13.2 ± 6.9	3.2 ± 3.1	**<0.001**
Alpha Angle	54.8 ± 9.4	-3.3 ± 24.4	45.7 ± 2.2	**<0.001**

Results: PROs

Outcome Measure	Preoperative	10-year	Δ	p-value
mHHS	65.4 ± 6.4	90.8 ± 14.8	25.5 ± 11.7	**<0.01**
NAHS	53.8 ± 19.9	90.5 ± 10.0	36.7 ± 22.1	**<0.01**
HOS-SSS	29.3 ± 18.7	79.4 ± 25.5	50.0 ± 22.1	**<0.01**
VAS for pain	4.1 ± 1.3	1.2 ± 1.4	-2.9 ± 2.2	**<0.01**
iHOT12	-	80.7 ± 20.3	-	-
Patient Satisfaction	-	9.5 ± 1.0	-	-

Conclusion

- Excellent long-term outcomes
- Excellent survivorship