



# Artificial Urinary Sphincter Device Survival and Quality of Life Outcomes in 1,154 Patients

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## • Methods:

- Retrospective single-center review, 1983-2016
- 2,298 AUS procedures; 1,154 primary AUS placements
- Median follow-up 5.4 years

## • Device survival:

- 72% at 5 years, 56% at 10 years, 33% at 20 years

## • Secondary surgery: required in 35% (n=404)

- Only prior cryotherapy associated on multivariable analysis (HR 1.4, p=0.01)

## • QOL outcomes: <1yr responders vs. >10yr responders

- Security pad or less per day: 50% vs. 24%
- PGI-I: 90% vs. 81%

## • Conclusion: AUS has excellent long-term outcomes and is associated with sustained improvement in patient QOL

