

CLINICAL SUMMARY

Magnetic Resonance Imaging-Guided Transurethral Ultrasound Ablation for Benign Prostatic Obstruction: 1-Year Clinical Outcomes of a Phase II Study

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STUDY OBJECTIVES

The objective of this study was to evaluate the safety and efficacy of magnetic resonance imaging (MRI)-guided transurethral ultrasound ablation (TULSA) as a minimally invasive alternative for benign prostatic obstruction (BPO) over 12 months.

PATIENT POPULATION

- 30 men (median age 67) with symptomatic BPO who were scheduled for primary TURP.
- Prior to treatment, 28 men were on alpha blockers and 5 men were on anticoagulants.
- 40% had BPO related complications, 10% were catheter-dependent.

KEY FINDINGS

- No intraoperative complications, including blood loss, occurred.
- 12-month Cystoscopy showed no urethral or bladder neck strictures in any patients.

