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UNDERSTANDING THE DATA BEHIND PAE

Important Clinical Studies in Prostate Artery Embolization

This guide summarizes several important clinical studies evaluating prostate artery embolization (PAE) for benign prostatic hyperplasia.

UK-ROPE Study

Study Type	Large multicenter observational study
Approximate Patients	Over 300 patients
Main Findings	Demonstrated meaningful improvement in urinary symptoms and quality of life after prostate artery embolization.
Why It Matters	One of the major modern studies helping establish PAE as a minimally invasive treatment option for benign prostatic hyperplasia.

Carnevale Randomized Trial

Study Type	Randomized comparison trial
Approximate Patients	Moderate-sized randomized cohort
Main Findings	Showed improvement in symptom scores and urinary flow metrics compared with traditional treatment approaches.
Why It Matters	Helped validate PAE using higher-quality comparative data.

Swiss Randomized PAE vs TURP Trial

Study Type	Randomized controlled trial
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Approximate Patients	Approximately 100 patients
Main Findings	PAE demonstrated symptom improvement with lower procedural invasiveness compared with TURP.
Why It Matters	Frequently referenced because it directly compares embolization with surgical management.

Modern benign prostatic hyperplasia management increasingly includes minimally invasive therapies alongside medical and surgical options.

Educational summary intended for patient and physician educational discussion purposes.