

AB071. Transurethral seminal vesiculoscopy for recurrent hemospermia: experience from 419 cases

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Background: We summarize our experience in transurethral seminal vesiculoscopy (TSV) for recurrent hemospermia by introducing surgical techniques, intra-operative findings and treatment outcomes.

Methods: TSV was performed in 419 patients with an initial diagnosis of persistent hemospermia at Shanghai Changhai Hospital (Shanghai, China) from May 2007 to November 2015. TSV was successfully performed in 381 cases (90.9%). Hemospermia was alleviated or disappeared

in 324 (85.0%) patients by 3 months after surgery. Common intra-operative manifestations were bleeding, obstruction or stenosis, mucosal lesions and calculus.

Results: Endoscopic presentation of the ejaculatory duct orifice and the verumontanum was categorized into 4 types, including 8 (1.9%), 32 (7.6%), 341 (81.4%) and 38 (9.1%) cases in types A, B, C and D, respectively. TSV is an effective and safe procedure in the management of seminal tract disorders.

Conclusions: This study may help other surgeons to become familiar with and improve this procedure. However, further multicenter clinical trials are warranted to validate these findings.

Keywords: Hemospermia

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