



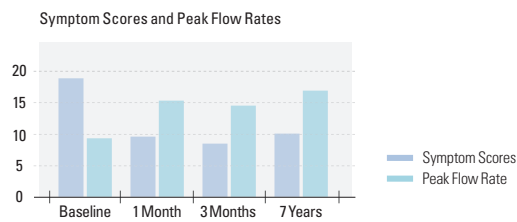
Holmium Laser Ablation of the Prostate (HoLAP)

Clinically proven durability and effectiveness

Holmium Laser Ablation of the Prostate (HoLAP) is a safe and effective BPH treatment option. It provides immediate symptom relief with few complications. HoLAP is a virtually bloodless, out-patient procedure that offers quick recovery time and a rapid return to normal activity.

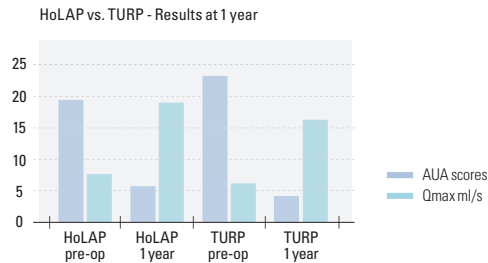
HoLAP is durable at 7 years ¹

- Durable outcomes over 7 years
- 47% decrease in AUA symptom score
- 83% improvement in flow rate
- 15% reoperation rate comparable to TURP



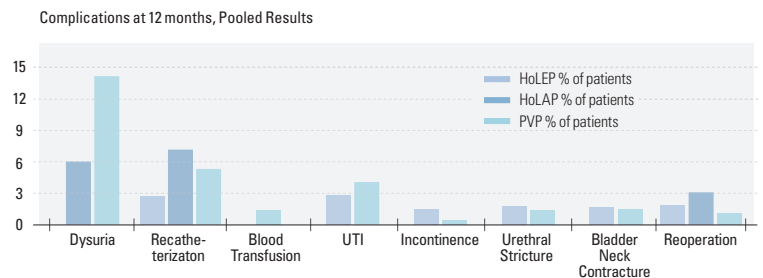
HoLAP results are comparable to TURP ²

- HoLAP and TURP outcomes equivalent at 12 months
- Catheterization times for HoLAP shorter than TURP
- Hospital stay for HoLAP shorter than TURP
- No post-operative irrigation required with HoLAP
- No initial dysuria



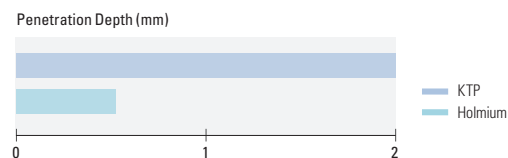
Holmium versus PVP at 12 months ^{2,3,4}

- Holmium has fewer overall complications compared to PVP
- Holmium has significantly lower rate of dysuria compared to PVP
- Holmium has minimal transfusion risk and no cases of TUR syndrome



High power holmium ideal for BPH

The holmium laser penetrates just enough to precisely and quickly vaporize tissue without causing deeper thermal injury, coagulation necrosis or collateral damage.



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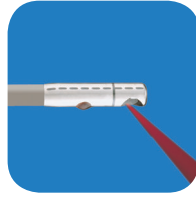
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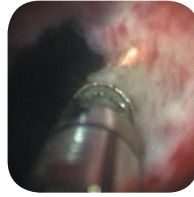
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Urologic Applications **BPH**



DuoTome SideLite



HoLAP procedure

The VersaPulse® PowerSuite™ 100 Watt and Dual Wavelength lasers have the power and versatility to treat benign prostatic hyperplasia (BPH) using either enucleation (HoLEP) or ablation (HoLAP).

Benefits of using a VersaPulse Holmium Laser to Treat BPH

- Holmium laser is the ideal wavelength that ablates or enucleates tissue without charring, overheating or damaging tissue where it can't be seen
- Precise control over depth of tissue penetration
- Superior hemostasis results in a virtually bloodless surgery
- It provides flexibility to adapt to treat the unexpected stone without switching to a different system
- Less post-operative voiding symptoms⁵

DuoTome SideLite Fibers and Accessories

The DuoTome SideLite fiber is well suited for HoLAP or other soft tissue treatments in a fluid environment. This single-use fiber ensures performance every time you use it.

- Lateral energy delivery promotes clear field of view
- Easy to see markings verify energy direction and correct fiber position within scope
- User-friendly design enables easy 360° manipulation at treatment site
- Dual-wavelength capability expands range of clinical applications

Products & part numbers for HoLAP procedures

HoLAP	
Description	Part No.
VersaPulse 100W Laser System	0638-803-01
DuoTome SideLite Laser Fiber	0623-703-01

¹ Tan A, et al. Long-term Results of High-power Holmium Laser Vaporization (Ablation) of the Prostate. *BJU International*, 92:707-9, 2003

² Mottet N, et al. Randomized Comparison of Transurethral Electroresection of Holmium:YAG Laser Vaporization for Symptomatic Benign Hyperplasia. *J Endo*, 13:127-120, Mar 1999

³ Krantz RM. Current Role of Lasers in the Treatment of Benign Prostatic Hyperplasia. *Eur Urol*, 49:961-969, Jun 2006

⁴ Gillig, et al. Use of Holmium Laser in the Treatment of Benign Prostatic Hyperplasia. *J Endo*, 10(5):459-461, Oct 1996

⁵ The Canadian Journal of Urology, Oct 2007, Dr. Derek Matoka & Dr. Timothy Averch

