

GREENLIGHT PV® LASER SYSTEM
SPECIFICATION SHEET

Advantages of  GreenLight PV.

Outpatient procedure for healthy patients

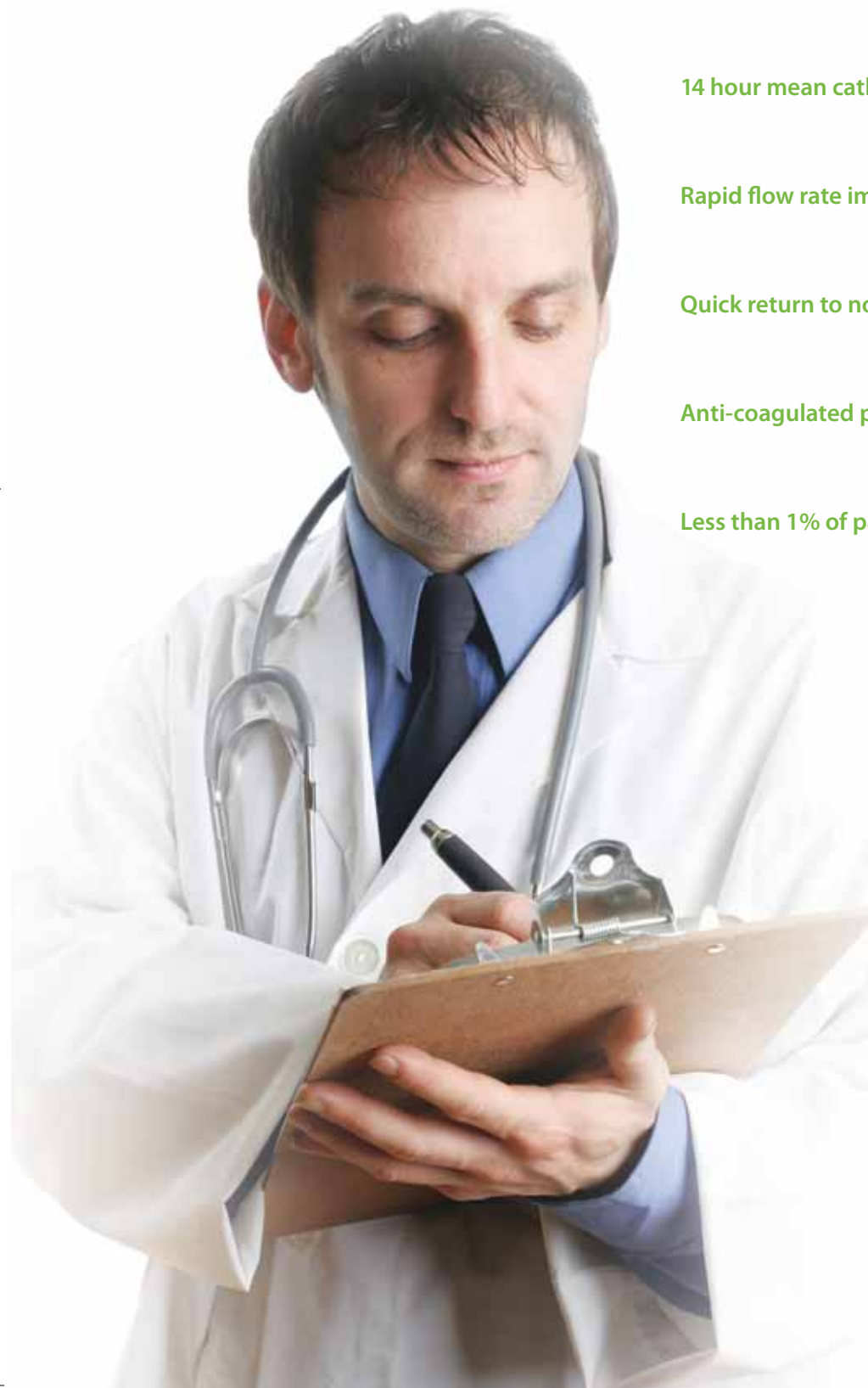
14 hour mean catheterization time

Rapid flow rate improvement with minimal side effects

Quick return to normal activities

Anti-coagulated patients can be treated

Less than 1% of patients reported erectile dysfunction

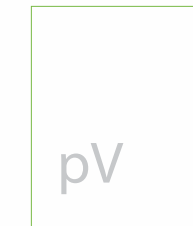
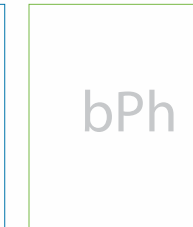
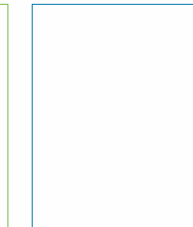
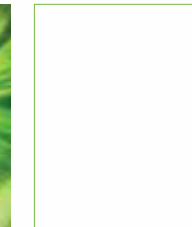


Laser Type	Wavelength	Average Power Levels	Maximum Peak Power
Frequency doubled, solid state laser	532 nm	30-80 Watts in 5 Watt increments	280W StarPulse™
	Aiming Beam Diode laser, red, 635 nm, < 5mW adjustable	Output Beam Divergence 0.2 - 0.3 radians full angle	Electrical Requirements 200/208/220/230/240 VAC @ 50/60Hz, 50A single phase with ground
Cooling Water External Water • Flow: ≥ 2 GPM • Pressure: 40-50 PSI • Temperature: 40°F (4°C) - 75°F (24°C)		Operating Temperature 55°F (13°C) - 75°F (24°C)	Storage Temperature 40°F (4°C) - 104°F (40°C)
		Humidity 10% - 90%, non-condensing	Dimensions • Width: 18" (45.7 cm) • Depth: 25.75" (65.4 cm) • Height: 48.5" (123.2 cm)
		Weight 230 pounds (104 kg)	

All surgical treatments have inherent and associated risks. The most common risks associated with Photovaporization of the Prostate (PVP) are: hematuria; short term dysuria; and, UTI. See the GreenLight™ Operator Manual or Physician Training Manual for a more complete list of possible risks and complications.

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 GreenLight PV.



AMS
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American Medical Systems, Inc. World Headquarters
10700 Bren Road West
Minnetonka, MN 55343
USA
Phone: 952 930 6000
Fax: 952 930 6157
www.AmericanMedicalSystems.com

American Medical Systems Innovation Center—Silicon Valley
3070 Orchard Drive
San Jose, CA 95134
USA
Phone: 408 943 0636
Fax: 408 943 1051
www.laserscope.com

American Medical Systems Europe B.V.
Straatweg 66H
3621 BR Breukelen
THE NETHERLANDS
Phone: 31 346 258 100
Fax: 31 346 258 130

American Medical Systems France S.A.
Parc Technologique
18 rue du Bois Chaland
91090 Lisses
FRANCE
Phone: 33 1 60 86 20 49
Fax: 33 1 60 86 14 88

American Medical Systems Australia Pty. Ltd.
Suite 2, Level 2
460 Church Street
North Parramatta 2150
NSW AUSTRALIA
Phone: 61 2 8838 8800
Fax: 61 2 9890 9899

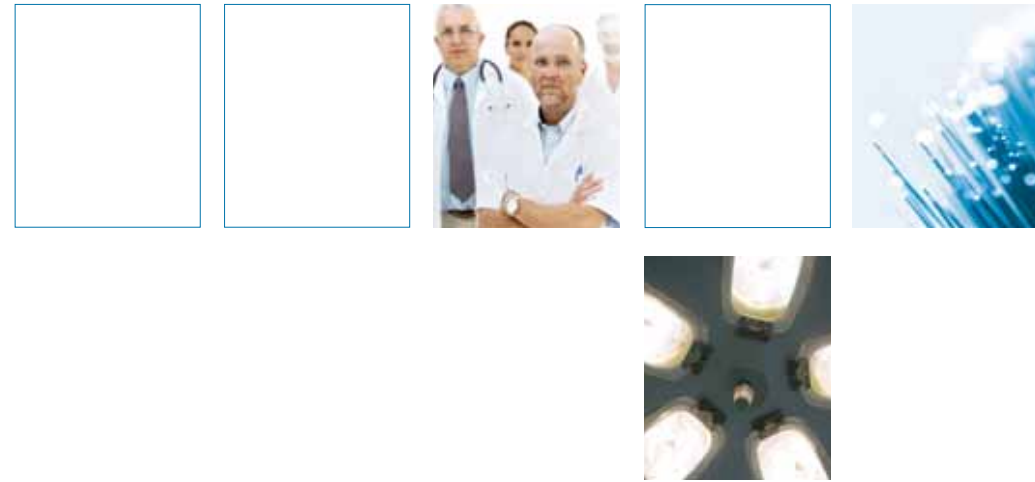
American Medical Systems United Kingdom "Berwyn"
The Pavilions
Llantarnam Park
Cwmbran
NP44 3UW
UNITED KINGDOM
Phone: 44 (0) 1633 838081
Fax: 44 (0) 1633 838161

American Medical Systems Canada Inc.
P.O. Box 461
Guelph, Ontario
N1H6K9 CANADA
Phone: 519 826 5333
Fax: 519 821 1356

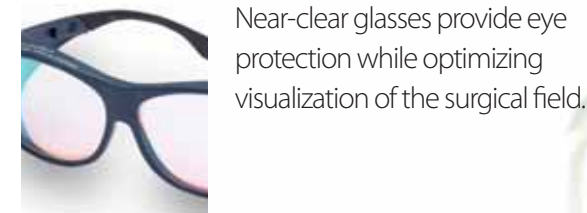
Designed to Inspire a **New Standard** of Care

Inspired by principles of physics and the belief that clinical outcomes and patient safety should be the sole drivers in a treatment selection, the GreenLight PV[®] laser system has paved the way for a new standard of care in the treatment of BPH.

- Over 200,000 procedures performed worldwide
- Over 60 clinical articles



Improving Visualization



Near-clear glasses provide eye protection while optimizing visualization of the surgical field.



Clinical Excellence Without Compromise

Dramatic urine flow improvement
• 170%-252% improvement at 12 months

No prolonged catheterization
• Mean catheterization time is 14 hours
• 2% rate of UTI

A definitive, long lasting treatment
• 2.2% re-operations after one year follow up (BNC and stricture)

Less risk than TURP
• No significant risk of TUR syndrome, fluid absorption or blood transfusion

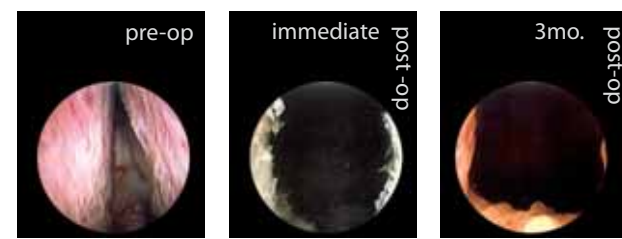
Low rate of sexual side-effects
• Less than 1% reported cases of erectile dysfunction
• 36% rate of retrograde ejaculation at 1 year

Widest patient selection
• Patients in retention
• Wide range of gland size and morphology
• Able to treat patients on anti-coagulants

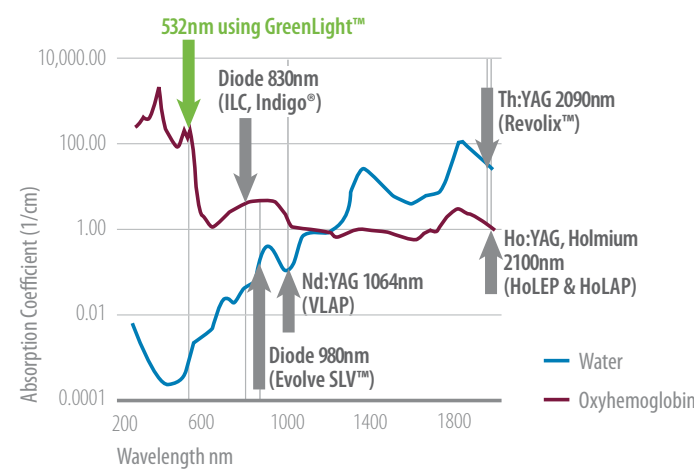
Mild and short-lived irritative symptoms
• 9% transient dysuria >10 days
• 9% mild to moderate transient hematuria >10 days

Founded on Science Supported by a Body of **Clinical Evidence**

GreenLight Laser Therapy has proven to be the ideal tool for soft tissue vaporization and coagulation because "Green" is highly absorbed by oxyhemoglobin, but not by water. A body of clinical evidence supports the safety, efficacy and durability of GreenLight Laser Therapy for the treatment of BPH.

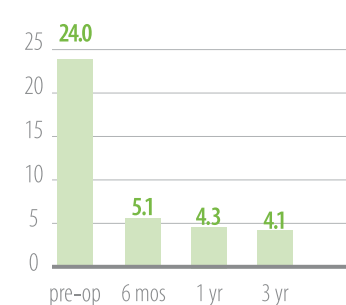


TURP-like cavity with the safety profile of minimally invasive treatments. Photos courtesy of Mahmood A. Hai, M.D.



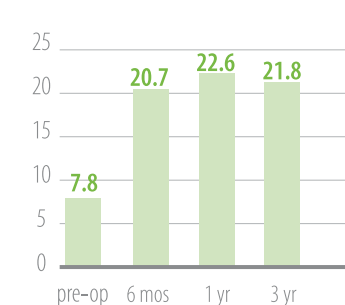
Te AE, Malloy TR, Stein BS, et al. Photoselective laser vaporization of the prostate (PVP) for the treatment of benign prostatic hyperplasia (BPH): 12-month Results from the First United States Multi-center Prospective Trial. J Urol 2004;172:1404-1408.
Te AE, Malloy TR, Stein BS, Ulichaker JC, Nseyo UD, Hai MA. Impact of prostate-specific antigen level and prostate volume as predictors of efficacy in photoselective vaporization prostatectomy: analysis and results of an ongoing prospective multicenter study at 3 years. BJU Int. 2006 Jun; 97(6): 1229-33.

AUA Symptom Score

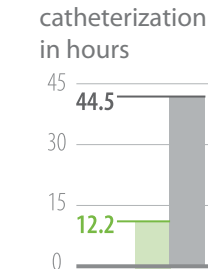


Clinical data from GreenLight PV[®] laser system.

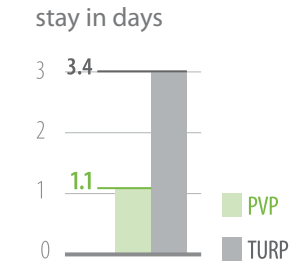
Mean Peak Flow (ml/sec)



Length of catheterization in hours

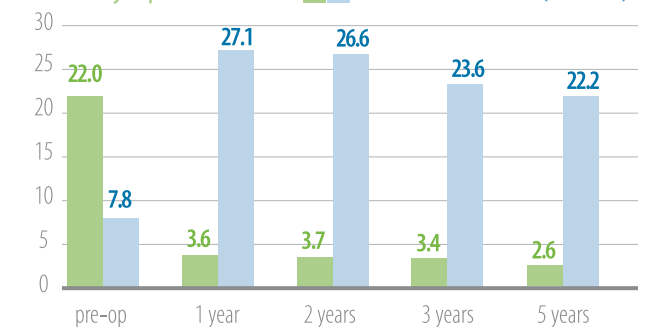


Length of stay in days



Malek RS, Kuntzman RS, Barrett DM. Photoselective Potassium-Titanyl-Phosphate Laser Vaporization of the Benign Obstructive Prostate: Observations on Long-Term Outcomes. J Urol; Vol 174, 1344-1348, October 2005

AUA Symptom Score Mean Peak Flow (ml/sec)



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