



Lumenis Pulse™ 60H Holmium Laser System with MOSES™ Technology

A comprehensive solution
for laser lithotripsy

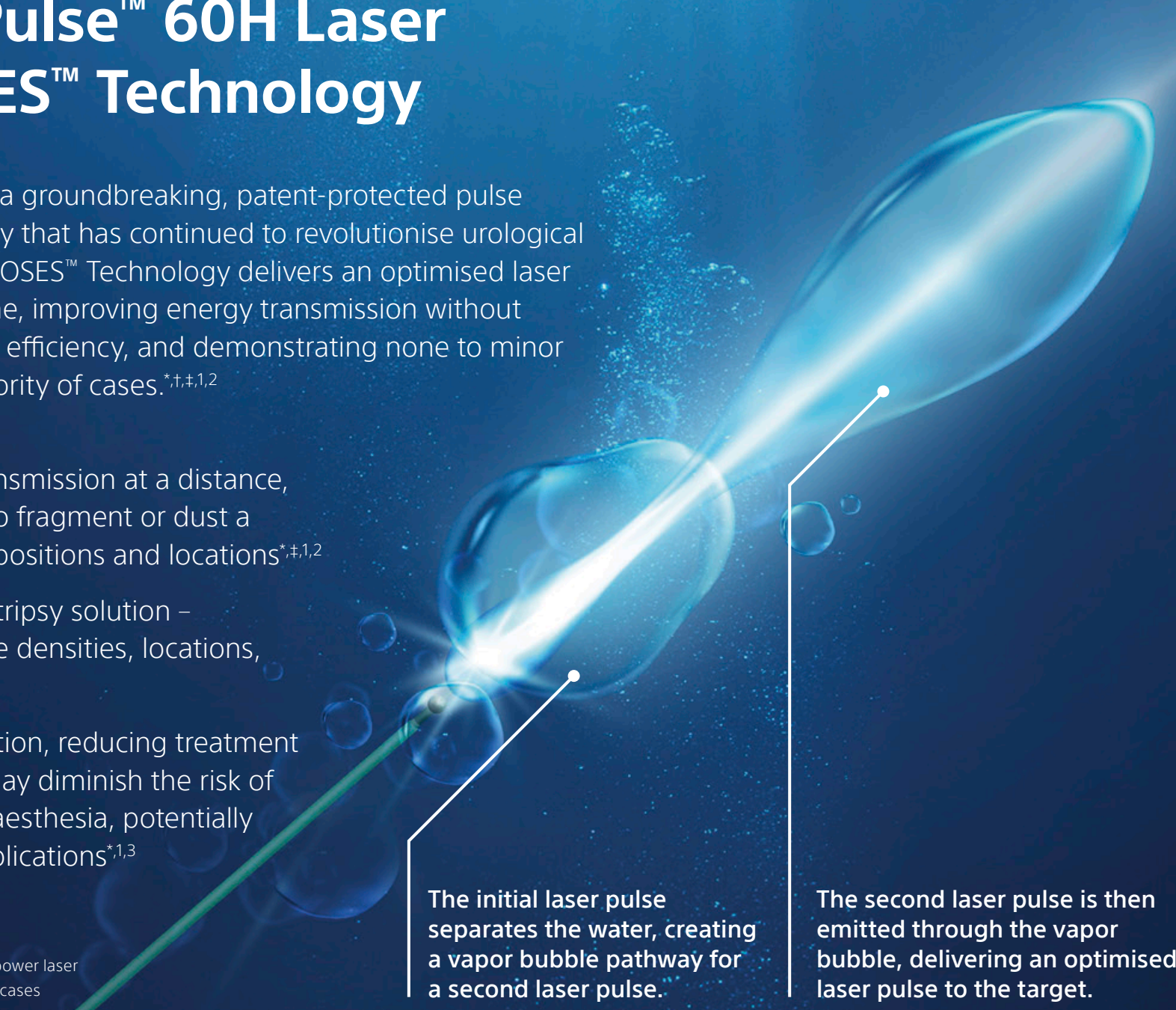


Lumenis Pulse™ 60H Laser with MOSES™ Technology

MOSES™ Technology is a groundbreaking, patent-protected pulse optimisation technology that has continued to revolutionise urological care since its launch. MOSES™ Technology delivers an optimised laser pulse to the target stone, improving energy transmission without compromising ablation efficiency, and demonstrating none to minor retro-pulsion in the majority of cases.*,†,‡,1,2

- ▶ Improved energy transmission at a distance, enabling urologists to fragment or dust a variety of stone compositions and locations*,†,1,2
- ▶ Comprehensive lithotripsy solution – treating various stone densities, locations, and compositions²
- ▶ Improved stone ablation, reducing treatment time by 37% which may diminish the risk of prolonged use of anaesthesia, potentially lowering risk of complications^{*,1,3}

* Compared to standard holmium low power laser
† Majority of cases: 107 (93%) out of 115 cases



The initial laser pulse separates the water, creating a vapor bubble pathway for a second laser pulse.

The second laser pulse is then emitted through the vapor bubble, delivering an optimised laser pulse to the target.

Lithotripsy performance, unleashed

Embrace the powerful combination of MOSES™ laser and fibers

The Lumenis Pulse™ 60H Laser with MOSES™ Technology is a comprehensive solution for laser lithotripsy, potentially enabling a growing renal stone service line to benefit from the patent-protected pulse optimisation.^{*,†,2}



37% Faster procedures

The MOSES Technology can reduce procedure time by 37%, potentially reducing OR time^{*,†,1}

97% Initial stone-free rate

In a single-site, single-surgeon study, FURS with MOSES Technology using Lumenis Pulse 60H Laser demonstrated initial stone-free rate of 97.3%^{§,1}

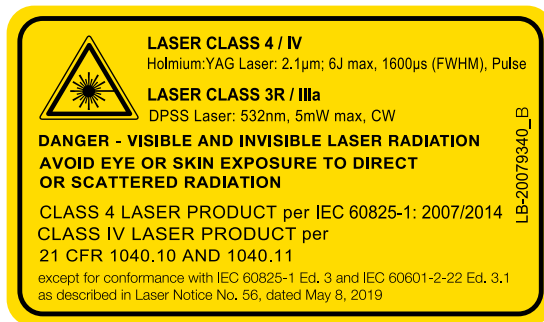
* Compared to standard holmium low power laser
† Single-site, single-surgeon study, $p \leq 0.0001$
§ Single-site, single-surgeon study, $p = 0.05$

Technical specifications for Lumenis Pulse™ 60H Laser with MOSES™ Technology

MOSES™ Technology	Lithotripsy	Secure Identification System (SIS)	Yes
Max optical power	60 W	Aiming beam	Green
Wavelength	Holmium (2.1µm)	Fiber support arm	No
Repetition rate	Up to 45Hz	Voice confirmation indicating system's operational status	Yes
Pulse energy	0.2–6 J	Dimensions [W / L / H]	46 x 106 x 117 cm
Case saver mode	No	Weight	176 kg
Dual pedal footswitch	Yes	Electrical	200–240 VAC, 24 Amp, 50/60 Hz
Pulse width	Adjustable (short, medium, long)	Warranty	One year parts and labor
Lumenis fibers	Single-use and reusable LP fibers		

Fiber specifications

Description	MOSES™ 200 D/F/L LP with ball tip	MOSES™ 365 D/F/L LP	MOSES™ 550 D/F/L LP	SlimLine™ 200 D/F/L LP with ball tip	SlimLine SIS EZ™ 200 LP	SlimLine SIS EZ™ 365 LP	SlimLine SIS EZ™ 550 LP	SlimLine SIS™ 200 LP	SlimLine SIS™ 365 LP	SlimLine SIS™ 550 LP	SlimLine SIS™ 1000 LP
Order number	AC-1003040	AC-1003050	AC-1003060	AC-1001640	AC-1001638	AC-1001639	AC-1001690	AC-1001636	AC-1001637	AC-1001680	AC-1001700
Maximal input energy (J)	2	6	6	2	1.5	6	6	1.5	6	6	6
Maximal repetition rate (Hz)	45	45	45	45	45	45	45	45	45	45	45
Maximal input power (W)	50	60	60	50	37.5	60	60	37.5	60	60	60
Core diameter (µm)	230	365	550	230	272	365	550	272	365	550	940
Maximal outer diameter (µm)	416	593	780	416	450	580	780	450	580	780	1450
Tip outer diameter (µm)	450	N/A	N/A	450	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Minimal fiber bending radius at maximum power (mm)	6	14	20	6	12	14	20	12	14	20	34
Single-Use (SU) or Multiple-Use (MU)	SU	SU	SU	SU	SU	SU	SU	MU	MU	MU	MU



Risk information:

The use of the MOSES Technology, the Lumenis Pulse 60H in urology is contraindicated for patients who are unable to receive endoscopic treatments or are intolerant to prolonged anaesthesia, as well as for resection or excision of large vascularised organs. Holmium lasers are intended solely for use by physicians trained in the use of the Ho:YAG (2.1 µm) wavelength. Incorrect treatment settings can cause serious tissue damage. The laser should be used only on tissues that are fully observable. See the system user manual for a complete list of contraindications and risks.

‡ Bench test results may not necessarily be indicative of clinical performance.

1. Pietropaolo A, Hughes T, Mani M, Somani B. Outcomes of ureteroscopy and laser stone fragmentation (URSL) for kidney stone disease (KSD): comparative cohort study using MOSES Technology 60 W Laser System versus regular holmium 20 W laser. *J Clin Med.* 2021;10:2742.
2. Data on file with Boston Scientific.
3. Cheng H, Clymer JW, Po-Han Chen B, et al. Prolonged operative duration is associated with complications: a systematic review and meta-analysis. *J Surg Res.* 2018;229:134-144.

All images are the property of Boston Scientific. All cited trademarks are the property of their respective owners. CAUTION: The law restricts these devices to sale by or on the order of a physician. Indications, contraindications, warnings, and instructions for use can be found in the product labelling supplied with each device or at www.IFU-BSCI.com. Products shown for INFORMATION purposes only and may not be approved or for sale in certain countries. This material is not intended for use in France. The information in this brochure is descriptive.

Boston Scientific acquired the global surgical business of Lumenis Ltd. Some registered names of products manufactured and sold by Boston Scientific may contain the term "Lumenis." Lumenis is a registered trademark of Lumenis Be.

URO-1279304-AA Designed in Germany by medicalvision.

**Boston
Scientific**
Advancing science for life™

www.bostonscientific.eu

© 2023 Boston Scientific Corporation or its affiliates. All rights reserved.