

Swiss LithoClast® Trilogy Lithotripter

**BECAUSE EFFICIENCY
MATTERS**



EXPLORE THE POWER

OF THE SWISS LITHOCLAST® TRILOGY LITHOTRIPTER



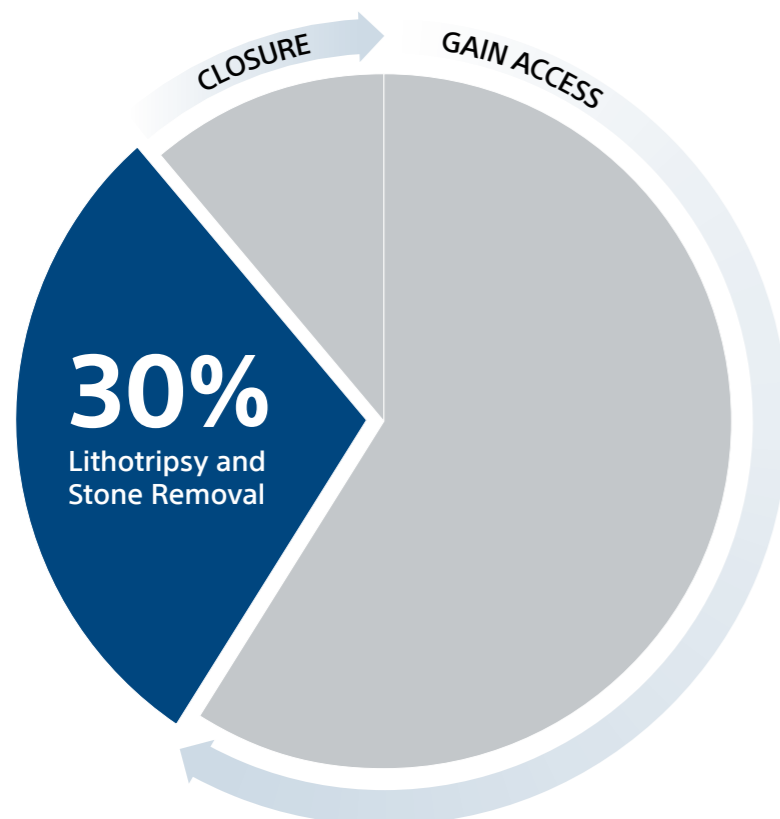
Accelerate the speed of lithotripsy during percutaneous nephrolithotomy (PCNL) with Swiss LithoClast Trilogy Lithotripter. A dual-energy, single probe lithotripter, using a combination of ultrasonic and ballistic energy simultaneously with suction, that safely fragments and removes stones faster than other leading dual-energy lithotripters.^{1,2} The Trilogy Lithotripter is the breakthrough technology designed to reduce procedure time and enhance the surgical experience – for the patient, urologist and OR staff.

TIME MATTERS

Boston Scientific's observational research shows that, in the US, lithotripsy and stone removal accounts for 30% of total PCNL procedure time – about 24 minutes on average.³

PCNL PROCEDURAL TIME

Gaining retrograde access through closure

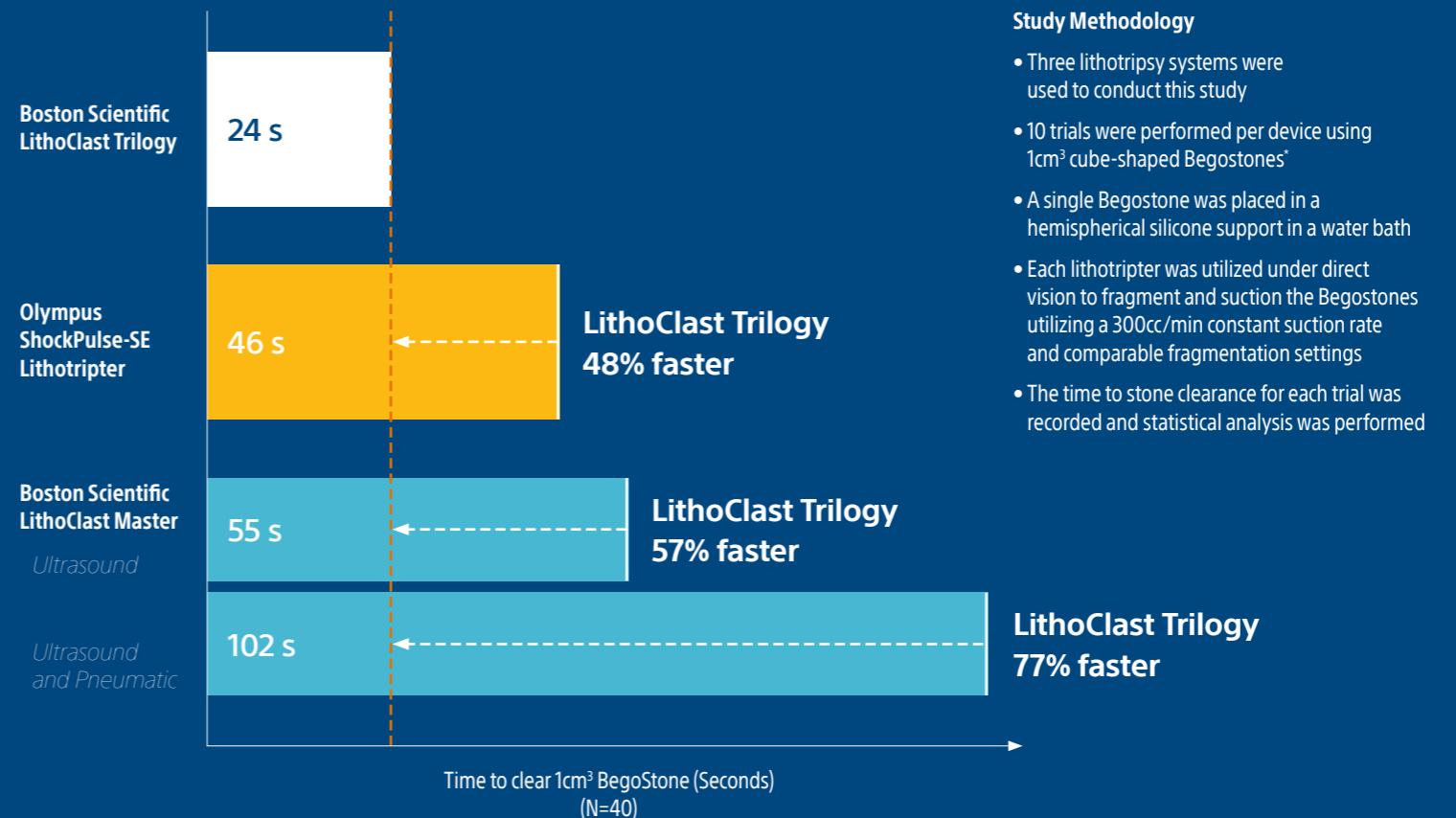


SPEED MATTERS

Bench studies show that the Swiss LithoClast® Trilogy Lithotripter fragments and removes stones up to 48% faster, on average, than Olympus™ ShockPulse-SE Lithotripter.¹

COMPARING DUAL-ENERGY LITHOTRIPTERS¹

Average stone clearance times



Study Methodology

- Three lithotripsy systems were used to conduct this study
- 10 trials were performed per device using 1cm³ cube-shaped BegoStones*
- A single BegoStone was placed in a hemispherical silicone support in a water bath
- Each lithotripter was utilized under direct vision to fragment and suction the BegoStones utilizing a 300cc/min constant suction rate and comparable fragmentation settings
- The time to stone clearance for each trial was recorded and statistical analysis was performed

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

* For Swiss LithoClast Master, 10 trials were performed for each Ultrasound and Ultrasound and Pneumatic.

USER EXPERIENCE MATTERS

Swiss LithoClast® Trilogy Lithotripter delivers it all in a single, integrated, plug-and-play system. Its design can make it **easy to set up in the OR – and simple for physicians and staff to learn and use.**



ADJUSTABLE SUCTION SETTINGS

An integrated peristaltic pump with adjustable suction settings delivers precise suction rates to increase physician control in managing stone removal and renal pelvic pressure. Suction activation is controlled by the physician.

SEAMLESS STONE COLLECTION

A proprietary Stone Catcher provides seamless collection of stone fragments for analysis – potentially reducing manual retrieval with additional devices.

INTUITIVE USER EXPERIENCE

Centralized touch screen controls designed to help the user customize energy and suction settings.

ENHANCED VERSATILITY

Ultrasonic and ballistic energy is generated, independently or concurrently, with suction, through a single-use probe.

Choose from an expanded range of standard probe sizes to suit individual patients. Minimally invasive percutaneous (MIP) stone treatments now available.




MAINTAIN CONTROL

An ergonomical pistol-grip hand piece designed for prone, supine and split-leg positioning.

Manage energy and suction with a single pedal.

EACH PROCEDURE HAS ITS OWN SIZE

SWISS LITHOCLAST® TRILOGY SINGLE-USE PROBE

Probe diameter and length	Minimum endoscope working channel size	Maximum endoscope working channel length		Scope type and recommendation
Hollow probes				
Ø 1.1mm x 425mm	4 Fr	400mm		Mini nephroscope
Ø 1.1mm x 520mm	4 Fr	500mm		Semi rigid URS
Ø 1.1mm x 625mm	4 Fr	600mm		Semi rigid URS
Ø 1.5 mm x 440 mm	5 Fr	400mm		Mini nephroscope
Ø 1.9mm x 341mm	6 Fr	320mm		Mini nephroscope
Ø 3.4mm x 340mm	10.5 Fr	320mm		24 FR nephroscope (short)
Ø 3.4mm x 445mm	10.5 Fr	420mm		24 FR nephroscope (long)
Ø 3.9mm x 350mm	12 Fr	330mm		30 FR nephroscope (short)
Ø 3.9mm x 440mm	12 Fr	420mm		30 FR nephroscope (long)

ORDERING INFORMATION

SWISS LITHOCLAST® TRILOGY SYSTEM KIT

UPN	Description
BUN22EULITCLTRYKT	Swiss LithoClast Trilogy System Kit – EU, with EU Power Cord
BUN22UKLITCLTRYKT	Swiss LithoClast Trilogy System Kit – UK, with UK Power Cord
BUN22CHLITCLTRYKT	Swiss LithoClast Trilogy System Kit – CH, with CH Power Cord
BUN22EULITCLTR2HP	Swiss LithoClast Trilogy System Kit – EU, with 2 Handpieces, with EU Power Cord ¹
BUN22UKLITCLTR2HP	Swiss LithoClast Trilogy System Kit – UK, with 2 Handpieces, with UK Power Cord ¹
BUN22CHLITCLTR2HP	Swiss LithoClast Trilogy System Kit – CH, with 2 Handpieces, with CH Power Cord ¹
Included in all Kits:	
M0068402030	Swiss LithoClast Trilogy Handpiece Kit ²
M0068402010	Swiss LithoClast Trilogy Console ³
M0068402050	Swiss LithoClast Trilogy Foot Switch
M0068401810	Stone Catcher Holder
M0068401800	HDMI-VDI cable (10m)
M0068401820	Filling Bottle
M0068401890	Quick Guide
M0068401620	Cleaning Rod for Trilogy Probes (3.4mm and 3.9mm)
M0068401630	Cleaning Rod for Trilogy Probes (1.9 MM)
M0068401830	Bottle of Demineralized Water (2.5l)
M0068403590	Trilogy Reusable Torque Wrench
M0068401640	Trilogy Handpiece Steri-Holder
M0068401760	Swiss LithoClast Trilogy Cart
M00684018XX	Language specific Swiss LithoClast Trilogy System IFU (EN, FR, IT, DE, NO, DK, NL) ⁴
M0068401XXX	Country specific Power Cord ⁴

1. Swiss LithoClast Trilogy System Kit BUNDLES with two Handpieces include also two units of the following items: 2 Trilogy Handpiece Kit, 2 Trilogy Reusable Torque Wrench and 2 Trilogy Handpiece Steri-Holder

2. Swiss LithoClast Trilogy Handpiece Kit includes the Trilogy Handpiece and Handpiece Cleaning Rod.

3. Swiss LithoClast Trilogy Console is only available in System Kits.

4. Please refer to the list of Swiss LithoClast Trilogy System Accessories for specific UPN.

SWISS LITHOCLAST TRILOGY SINGLE-USE ACCESSORIES (OPTIONAL)

UPN	Description
M0068402981	Stone Catcher for Trilogy (B x 5)
M0068402061	Double Suction Bags Set (B x 5)
M0068402071	Suction Bag 5l (B x 10)

SWISS LITHOCLAST TRILOGY CART





UPN	Description
M0068401760	Swiss LithoClast Trilogy Cart

SWISS LITHOCLAST TRILOGY SYSTEM ACCESSORIES

UPN	Description
BUN22SWLITCLTHPKT	Swiss LithoClast Trilogy Handpiece Bundle Kit*
M0068402050	Swiss LithoClast Trilogy Foot Switch
M0068403590	Trilogy Reusable Torque Wrench
M0068401610	Cleaning Rod for Trilogy Handpiece
M0068401810	Stone Catcher Holder
M0068401800	HDMI-VDI cable (10m)
M0068401820	Filling Bottle
M0068401830	Bottle of Demineralized Water (2.5l)
M0068401840	Power Cord (EU – 6m)
M0068401720	Power Cord (UK – 6m)
M0068401710	Power Cord (CH – 6m) ^v
M0068401890	Quick Guide
M0068401620	Cleaning Rod for Trilogy Probes (3.4mm and 3.9mm)
M0068401630	Cleaning Rod for Trilogy Probes (1.9mm)
M0068401790	Trilogy Handpiece Suction Connector
M0068401640	Trilogy Handpiece Steri-Holder
M0068401880	Swiss LithoClast Trilogy System IFU (EN, NO, DK, NL)
M0068401870	Swiss LithoClast Trilogy System IFU (EN, FR, IT, DE)

*Swiss LithoClast Trilogy Handpiece Bundle Kit includes a Trilogy Reusable Torque Wrench, a Trilogy Handpiece Steri-Holder and a Handpiece Cleaning Rod.

SWISS LITHOCLAST TRILOGY SINGLE-USE PROBE KITS*

UPN	Description	Color Code
M0068403550	3.9mm x 440mm Trilogy Probe Kit	
M0068403540	3.9mm x 350mm Trilogy Probe Kit	
M0068403530	3.4mm x 445mm Trilogy Probe Kit	
M0068403520	3.4mm x 340mm Trilogy Probe Kit	
M0068403510	1.9mm x 341mm Trilogy Probe Kit	
M0068403500	1.5mm x 440mm Trilogy Probe Kit	
M0068403490	1.1mm x 625mm Trilogy Probe Kit	
M0068403480	1.1mm x 520mm Trilogy Probe Kit	
M0068403470	1.1mm x 425mm Trilogy Probe Kit	

*Single-Use Probe Kits include a probe and Stone Catcher.



Please consult your sales representative for more information and ordering details.

To learn more, visit bostonscientific.eu

1. Wollin DA, et al. In vitro comparison of a novel single-probe dual-energy lithotripter to current generation devices. Presented at the World Congress of Endourology, 2017, Vancouver, BC, Canada.
2. Bader MJ, et al. Comparative evaluation of tissue damage induced by ultrasound and impact dual mode endoscopic lithotripsy versus conventional single mode ultrasound lithotripsy. Presented at the World Congress of Endourology, 2017, Vancouver, BC, Canada.
3. Data on file with Boston Scientific.

Bench studies may not be indicative of clinical performance.

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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. Information for use only in countries with applicable health authority registrations. Material not intended for use in France.

Products shown for INFORMATION purposes only and may not be approved or for sale in certain countries. Please check availability with your local sales representative or customer service.

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