

Boston
Scientific
Advancing science for life™

 | **SEISMIQ™**
Intravascular Lithotripsy System

PRECISION AT FULL FORCE



PUSHING WHAT'S POSSIBLE FOR IVL

COMPARED TO SHOCKWAVE E8

**+56% BETTER
TRACKABILITY**

**+30% BETTER
PUSHABILITY**

Boston Scientific Data on File. PAD OTW ATK+ Claims Test Report, REP-011761 Rev A. Measurements taken from SEISMIQ 60mm catheters, M5+ Shockwave catheters, and E8 Shockwave catheters.

RESTORE CLINICAL TRIALS

Feature	ATK	BTK
	Intent-to-treat (ITT) = 95 As treated (AT) = 95	Intent-to-treat (ITT) = 20 As treated (AT) = 18
Design	Prospective, non-randomized, multicenter study	
Sites	10 sites	3 sites
IVL Use	95/95 (100%)	18/18 (100%)
Lesion Characteristics*		
Calcification Severity (PARC)	91.6%	83.3%
Avg. Lesion Length (mm)	96.0 ± 37.5	68.6 ± 39.6
Initial Diameter Stenosis (%)	93.7 ± 7.2	91.4 ± 8.8
CTO‡	32 (33.7)	6 (30.0%)
Final Diameter Stenosis (%)	21.2 ± 8.4	22.8 ± 11.5
Acute Gain (mm)	3.2 ± 0.9	1.3 ± 0.6
Procedural Details		
Pre-Dilatation	25 (26.3%)	4 (22.2%)
Post-Dilatation	17 (17.9%)	3 (16.7%)
Stent	3 (3.2%)	0 (0%)
Primary Safety Endpoint	100% freedom from MAE at 30 days	
Primary Efficacy Endpoint	100% with residual diameter stenosis <50% post-treatment	
Conclusion	Met all primary endpoints; supports safety & efficacy	
	Demonstrated safety and effectiveness in complex BTK lesions	

* As treated group ‡ Calculated by Angiographic Core Lab

A WHOLE NEW LEVEL OF CONTROL

Deliver the most consistent acoustic pressure across every emitter and target even the most challenging lesions with precision and force.



120
PULSES

+

120
PULSES

+

120
PULSES

+

Navigate confidently

Lower tracking force,
improved flexibility
and enhanced kink
resistance to cross
more complex anatomy.

Select your pulses

Turn emitters on or off
with a touch to preserve
pulses for use elsewhere
in the vessel.

Direct your therapy

360-degree radiopaque
emitter coverage lets you
align placement against the
lesion for direct impact.

Disrupt calcium on sight

Level up your IVL treatment with the next-generation therapy engineered to target complex lesions with maximum impact.

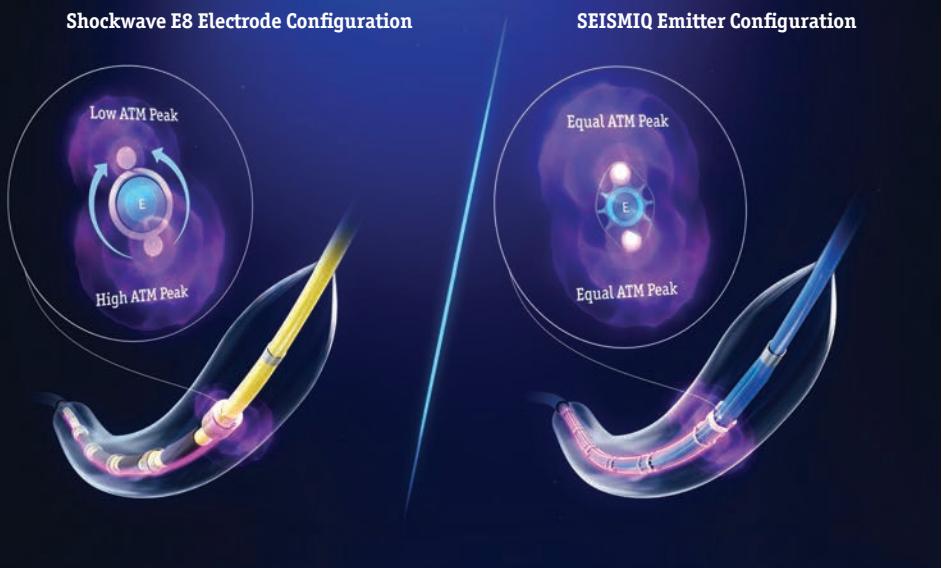
SEISMIQ™ combines advanced deliverability, enhanced visibility and more consistent acoustic pressure to get the most of every pulse. Every detail is purposefully designed to give physicians control, whether navigating challenging anatomies or delivering targeted therapy with clarity and precision.


$$120 \text{ PULSES} + 120 \text{ PULSES} = 600 \text{ PULSES TOTAL}$$

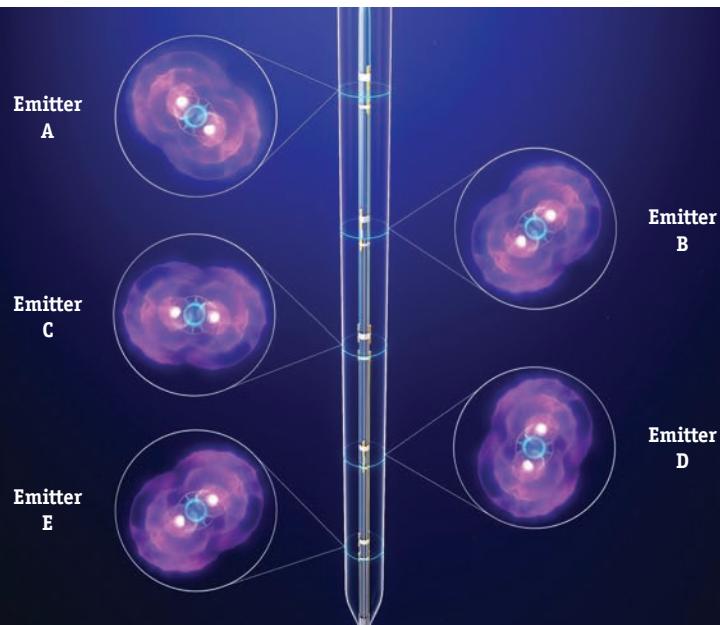


SEE THE FUTURE
OF IVL
IN ACTION

**The most consistent
acoustic pressure
per pulse**



**Target eccentric and
nodular calcium with
360-degree coverage**



Select your pulses



SEISMIQ INTRAVASCULAR LITHOTRIPSY CATHETER

DESCRIPTION	WORKING LENGTH	GUIDEWIRE (IN)	UPN	GTIN
3.5 mm x 60 mm	145 cm	0.014	FG-006912	008850056723008
4.0 mm x 60 mm	145 cm	0.014	FG-006913	008850056723015
5.0 mm x 60 mm	145 cm	0.014	FG-006915	008850056723039
6.0 mm x 60 mm	145 cm	0.014	FG-006917	008850056723053
7.0 mm x 60 mm	145 cm	0.014	FG-006919	008850056723077
8.0 mm x 60 mm	145 cm	0.014	FG-006921	008850056723091

All catheters are 6F sheath compatible.

SEISMIQ INTRAVASCULAR LITHOTRIPSY CONSOLE

DESCRIPTION	UPN	GTIN
CONSOLE, SEISMIQ IVL NORTH AMERICA	FG-010978	008850056723084



**SEISMIQ INTRAVASCULAR LITHOTRIPSY SYSTEM
INDICATIONS, SAFETY, AND WARNINGS**
<https://www.bostonscientific.com/seismiq-indications>

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