



SpyGlass™ DS II
Direct Visualization System



Introducing the SpyGlass™ DS II Direct Visualization System

Boston Scientific

The SpyGlass DS II Direct Visualization System with Sight Shield Technology enables high resolution imaging of the bile and pancreatic ducts during endoscopic retrograde cholangiopancreatography (ERCP). Complementary SpyGlass tools enable targeted biopsies, stone fragmentation, and foreign body removal. Compared to a traditional ERCP, this may result in:



A more efficient evaluation of the patient¹



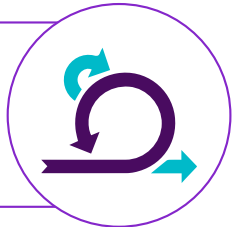
Earlier patient treatment¹



A reduction in additional testing and repeat procedures¹

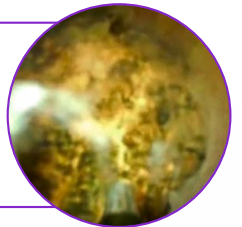
85%
ALTERED

In a clinical study of 298 patients, **clinical management was altered in 85% of patients** undergoing diagnostic ERCP with Cholangioscopy.²

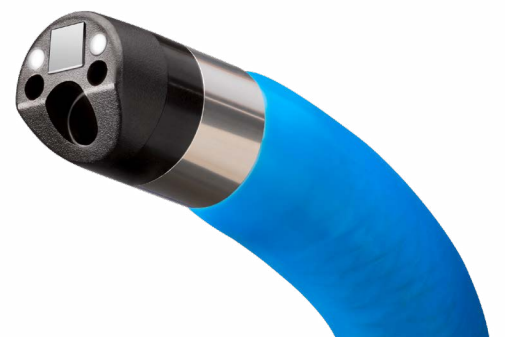


89%
SUCCESS

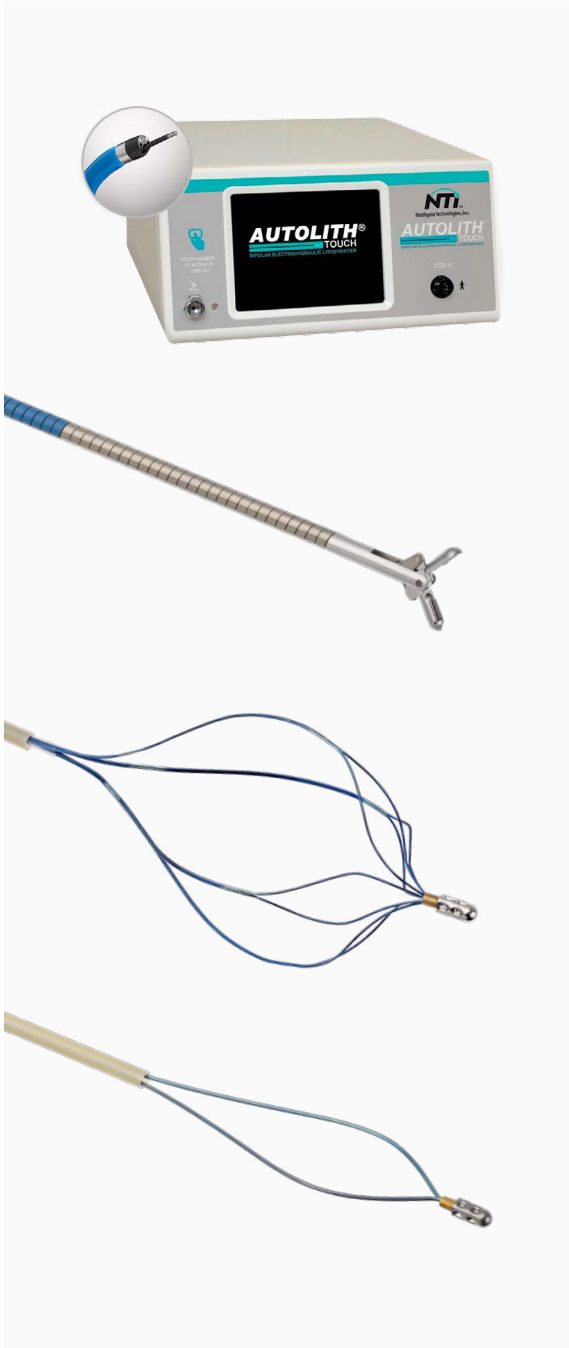
Demonstrated 89% stone clearance after a single ERCP session³ may allow patients to avoid repeat endoscopic interventions or more invasive procedures to treat difficult biliary and pancreatic stones.



The SpyGlass DS II Direct Visualization System featuring Sight Shield technology now delivers an extra layer of protection for the imaging sensors, without changing the look, feel, or performance of SpyGlass DS.



The **SpyGlass™ DS II Direct Visualization System** includes an expansive portfolio of devices that deliver innovative diagnostic and therapeutic approaches to biliary stone and stricture management to help deliver successful outcomes in complex procedures. These devices include:



Autolith™ Touch EHL System

The Autolith Touch 1.9Fr, 375 cm EHL Probe and Autolith Touch EHL Generator are available to help physicians manage large biliary stones.

SpyBite™ Max Biopsy Forceps

Helps enable greater tissue acquisition⁴ and when used under direct visualization it may enable faster, more accurate diagnosis of malignancies.^{3,4}

SpyGlass™ Retrieval Basket

A durable 4-wire nitinol basket designed to grasp biliary and pancreatic stones while maintaining its shape in a difficult anatomy.

SpyGlass™ Retrieval Snare

Designed to efficiently capture and remove foreign bodies – such as migrated plastic stents – in the biliary and pancreatic ducts.

Worldwide, the SpyGlass™ DS II Direct Visualization System has been used to help deliver quality outcomes in over **200K challenging cases** in more than **85 countries**.



Proven
SpyGlass DS
Performance



Portfolio
Breadth



Physician & Staff
Education

Boston Scientific supports **all the elements of a successful cholangioscopy** procedure – not just the cholangioscope.

People & Procedural
Support



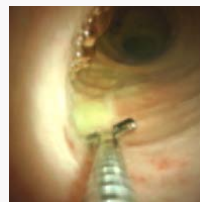
Supply Chain
Stability



Environmental
Sustainability



Commercial Solutions



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Learn more about SpyGlass DS II Direct Visualization System:

[Learn more](#)

SpyGlass™ DS System

Order Number	Product Description	
M00546650	SpyGlass™ DS Digital Controller	Each
M00546610	SpyScope™ DS II Access & Delivery Catheter	Each

SpyGlass™ DS Accessory Devices

Order Number	Product Description	Cable Diameter (in/mm)	Jaw Outer Diameter (mm)	Working Length (cm)	Required Endoscope Working Channel (mm)
M00546470	SpyBite™ Max Biopsy Forceps	0.039 / 1.0	1	286	1.2
M00546550	SpyGlass™ Retrieval Basket	0.039 / 1.0	N/A	286	1.2
M00546560	SpyGlass™ Retrieval Snare	0.039 / 1.0	N/A	286	1.2
SIT-575-15	Hydra Irrigation Tubing	N/A	N/A	N/A	N/A

Biliary EHL Probe

Order Number	Product Description
M00546620	1.9 Fr 375 cm Biliary EHL Probe

Autolith™ Touch System

Order Number	Product Description
M00546680	Autolith™ Touch EHL Generator

Autolith™ Touch System Accessories

Order Number	Product Description
M00546750	Autolith™ Touch Extender Cable
M00546760	Autolith™ Touch Foot Pedal

Boston Scientific's ExpertCare Programs

help to preserve your endoscopic equipment uptime with hassle-free priority care and predictable cost of ownership. Our knowledgeable team of technical experts genuinely care and aim to provide prompt resolution to enable the highest quality performance out of your system. Contact your local representative to learn about all service options we offer for SpyGlass and Autolith.

Contact

* Includes generator, footswitch, fiber inspection scope, two laser safety glasses, one laser safety goggles, one remote interlock connector and one power cable.

1. Draganov et al. Diagnostic accuracy of conventional and cholangioscopy-guided sampling of indeterminate biliary lesions at the time of ERCP: a prospective, long-term follow-up study. *Gastrointest Endosc* 2012; 75(2):347-353.
2. Ramchandani et al. Single Operator Cholangioscopy for the evaluation and diagnosis of Indeterminate biliary strictures – Results from a Large Multinational Registry. *DDW* 2017.
3. Shah et al. Performance of a full disposable, digital, single-operator cholangiopancreatoscope. *Endoscopy* 2017; 49; 651-658.
4. Ogura, Takeshi et al. "Prospective registration study of diagnostic yield and sample size in forceps biopsy using a novel device under digital cholangioscopy guidance with macroscopic on-site evaluation." *Journal of hepato-biliary-pancreatic sciences* vol. 30,5 (2023): 686-692.

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