Whether cases are simple or complex, the standard of care should be anything but standard.

SpyGlass™ DS II Direct Visualization System

The SpyGlass DS System

A Full Suite of Solutions

Ordering Information

Additional Resources
The SpyGlass™ DS System

The SpyGlass DS System enables high resolution imaging and therapy during an endoscopic retrograde cholangiopancreatography (ERCP) procedure to target biopsies and fragment stones, which may result in more efficient evaluation and help reduce the need for additional testing and repeat procedures compared to traditional ERCP, and enable patients to receive treatment sooner. The system enables direct visualization of the bile and pancreatic ducts and can help obtain biopsy specimens, lead to the diagnosis of abnormalities, and guide stone therapy.

Since its launch in 2015, the SpyGlass DS System has impacted more than 80,000 patient lives in more than 65 countries.
The SpyGlass™ DS System provides important clinical, operational and economic benefits for managing patients with complex pancreaticobiliary disorders, such as difficult stones and indeterminate strictures.

85% ALTERED
In a clinical study of 289 patients, clinical management was altered in 85% of patients undergoing diagnostic ERCP with cholangioscopy.12

95% SUCCESS
95% stone clearance rates2 may reduce the need for more invasive and costly procedures, which may have a significant impact on patient outcomes and patient satisfaction.

May enable faster, more definitive cancer diagnosis by allowing clinicians to obtain biopsies of tissue under direct visualization, improving sensitivity and diagnostic yield.3

A recent study showed the SpyGlass DS System provided enhanced diagnostic yield, shorter procedure times, and less radiation exposure compared to a fiberoptic single-operator cholangiopancreatoscopy system.10
Does reliance upon two dimensional, black and white imaging (fluoroscopy) enable the most effective way to diagnose and treat pancreaticobiliary strictures and stones?
Our Purpose is Clear:
The 3rd Generation SpyScope DS II Access & Delivery Catheter

Built on the ground-breaking technology of the SpyScope DS Catheter, the SpyScope DS II Catheter features increased resolution and adjusted lighting to provide physicians with an even better view of the biliary and pancreatic ducts.

New CMOS chip featuring increased resolution

Adjusted lighting designed to reduce light flare, improve lighting in the corners of the video, and provide an enhanced view down the lumen

Increased resolution, at 2.5x that of the SpyScope DS Catheter™

- HDR processing for improved visibility
- Easy platform upgrade process
An Expanding Suite of Compatible Accessory Devices

SpyGlass™ Retrieval Basket

The new SpyGlass Retrieval Basket can be used to capture and remove residual biliary and pancreatic stones and stone fragments visualized with the SpyGlass DS System.

Stone Management

Direct visualization stone clearance using EHL has been shown to be clinically effective with demonstrated procedural success, with single-session stone clearance rates of ~75%.1

In a recent study, 15/50 patients (30%) were found to have residual biliary stones that were not seen with occlusion cholangiogram, but were detected using the SpyGlass DS System.11

Achieving single session stone clearance and reducing the need for a repeat procedure(s) may deliver greater patient satisfaction and decrease unnecessary procedural costs.

SpyGlass Retrieval Snare

The new SpyGlass Retrieval Snare is designed to enable efficient capture and removal of foreign bodies in the biliary and pancreatic ducts, such as migrated plastic stents, during an ERCP procedure.
A History of Innovation in Cholangioscopy

1970
First documented use of ‘mother-baby’ cholangioscopy

2007
Launch of the First Generation SpyGlass™ System and SpyBite™ Biopsy Forceps

2011
Publication of Clinical Registry in GIE 297 patients – largest study at the time of peroral cholangioscopy

2015
Launch of the Next Generation SpyGlass DS System

2015
Winner – R&D 100 Award

2016
Winner – Silver MEDA Award in the Radiological and Electromechanical Devices category

2017
Co-exclusive distribution with Northgate Technologies, enabling access of EHL globally

2018
Launch of the 3rd generation SpyScope™ DSII Catheter, SpyGlass Retrieval Basket and SpyGlass Retrieval snare.

For the latest cholangioscopy news and updates, visit www.bostonscientific.com/cholangioscopy
### The SpyGlass DS System

#### A Full Suite of Solutions

### Ordering Information

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Additional Resources

The SpyGlass DS System

A Full Suite of Solutions

Ordering Information

Additional Resources

Cholangioscopy and Pancreatoscopy Video Atlas
Explore our library of short video clips to help familiarize yourself with the appearance of various pancreatic and biliary findings as seen using cholangioscopy with the SpyGlass DS System. (Internet Required)

Cholangioscopy Image Reference Guide
Become familiar with the appearance of strictures, villous lesions, stone disease, and more using the SpyGlass DS System. (Internet Required)

Visit EndoSuite.com to watch presentations, programs and case studies featuring the SpyGlass™ DS System. (Internet Required)

Keep up to date with the latest resources and information by visiting www.bostonscientific.com/cholangioscopy

Follow us on Twitter

SpyGlass DS Direct Visualization System
Compared to cytology brushing. Because the analysis of sensitivity in intrinsic versus extrinsic disease was limited to patients with a final diagnosis of malignancy, no computation of specificity was possible.

References:
5. Ornellas LC et al. Comparison between endoscopic brush cytology performed before and after biliary stricture dilation for cancer detection. 2006 (41)1: 20-23.
6. 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, GIE, Vol. 75 (2); February 2012.

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 labeling supplied with each device. Information for use only in countries with applicable health authority registrations. This material not intended for use in France. Rx only.

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