



EXALT™ Model D
Single-Use Duodenoscope
The World's First Single-Use Duodenoscope



EXALT™ Model D Single-Use Duodenoscope is designed to support your mission to deliver the highest quality patient care.

Start every ERCP with a **brand new, sterile duodenoscope** for each patient. The single-use platform delivers consistent, predictable performance. EXALT Model D Duodenoscope builds on our legacy of delivering **innovative, single-use devices** to enhance patient safety and streamline procedures.

Out of the box, consistent performance.

**One patient.
One duodenoscope.
One dramatic advancement
in single-use technology.**

Familiar Design

The EXALT™ Model D Single-Use Duodenoscope provides clinicians a familiar design in a single-use platform.



Lightweight, familiar design in a single-use platform



4-way bending capability at the distal tip with a range of motion comparable to reusable duodenoscopes that will not degrade over time



The elevator is designed to deliver a consistent performance and facilitate guidewire locking at the distal tip of the duodenoscope



Designed to facilitate image capture and integrate with your endoscopic report writer

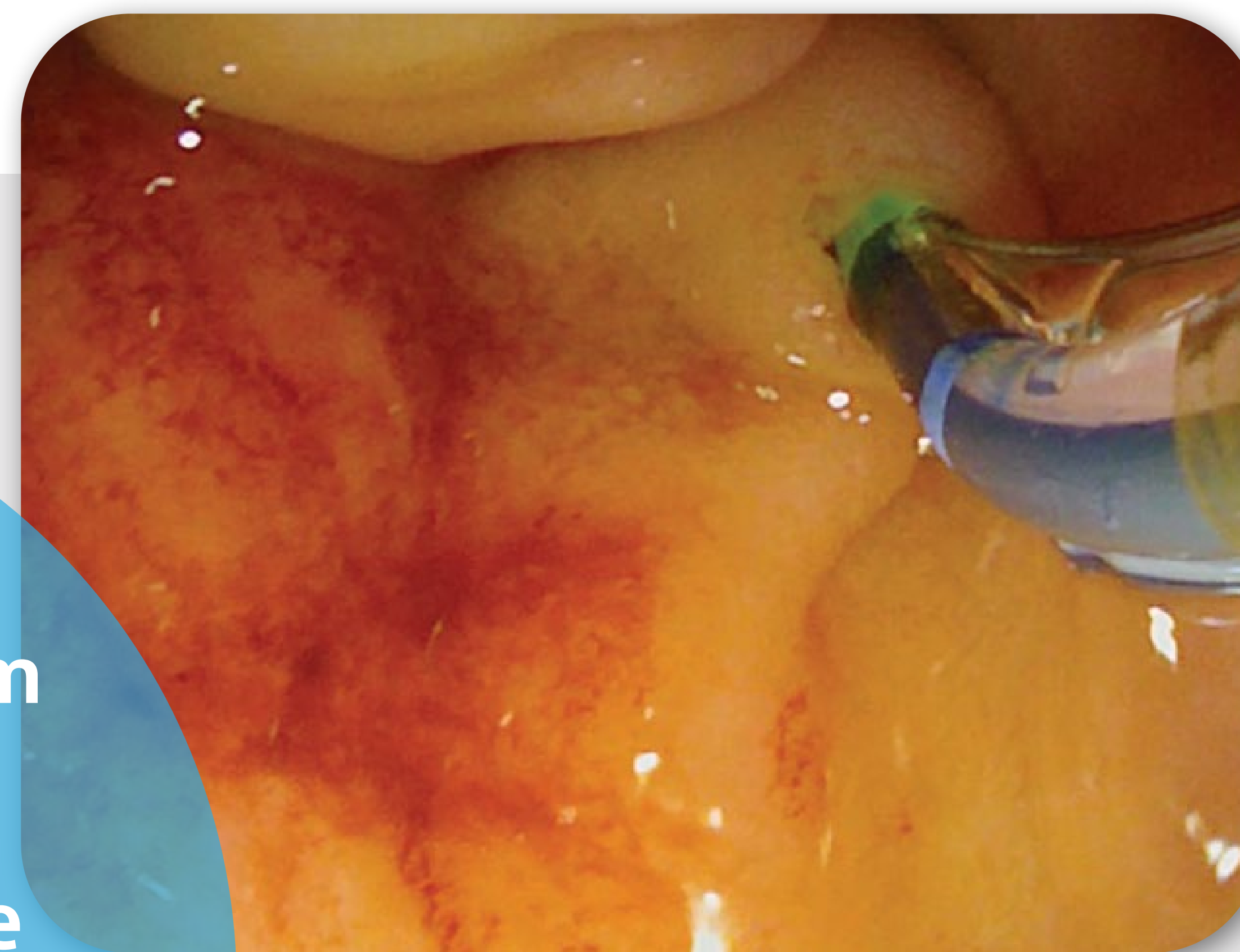
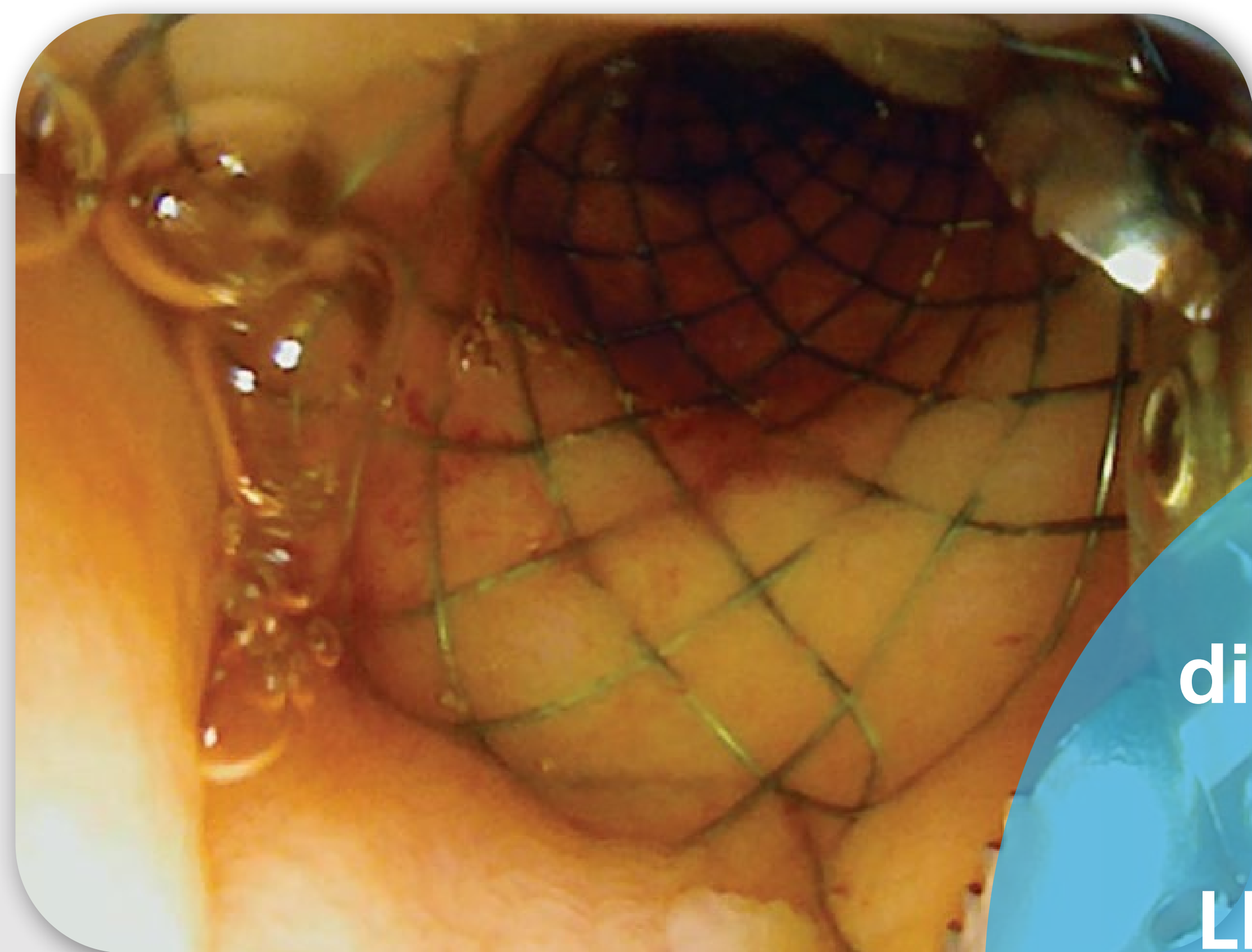


Use with the EXALT Controller, designed to provide a reduced capital footprint during ERCP



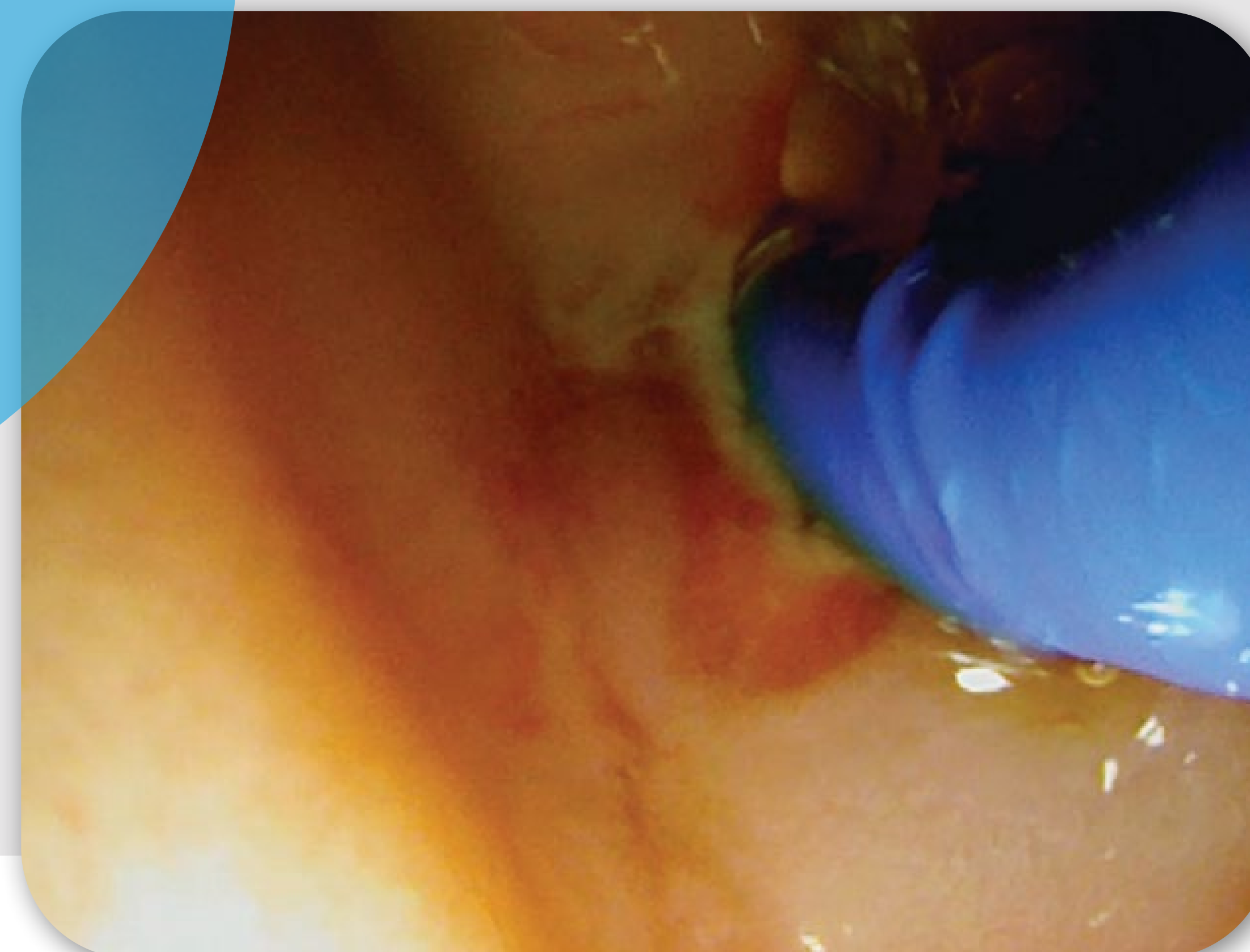
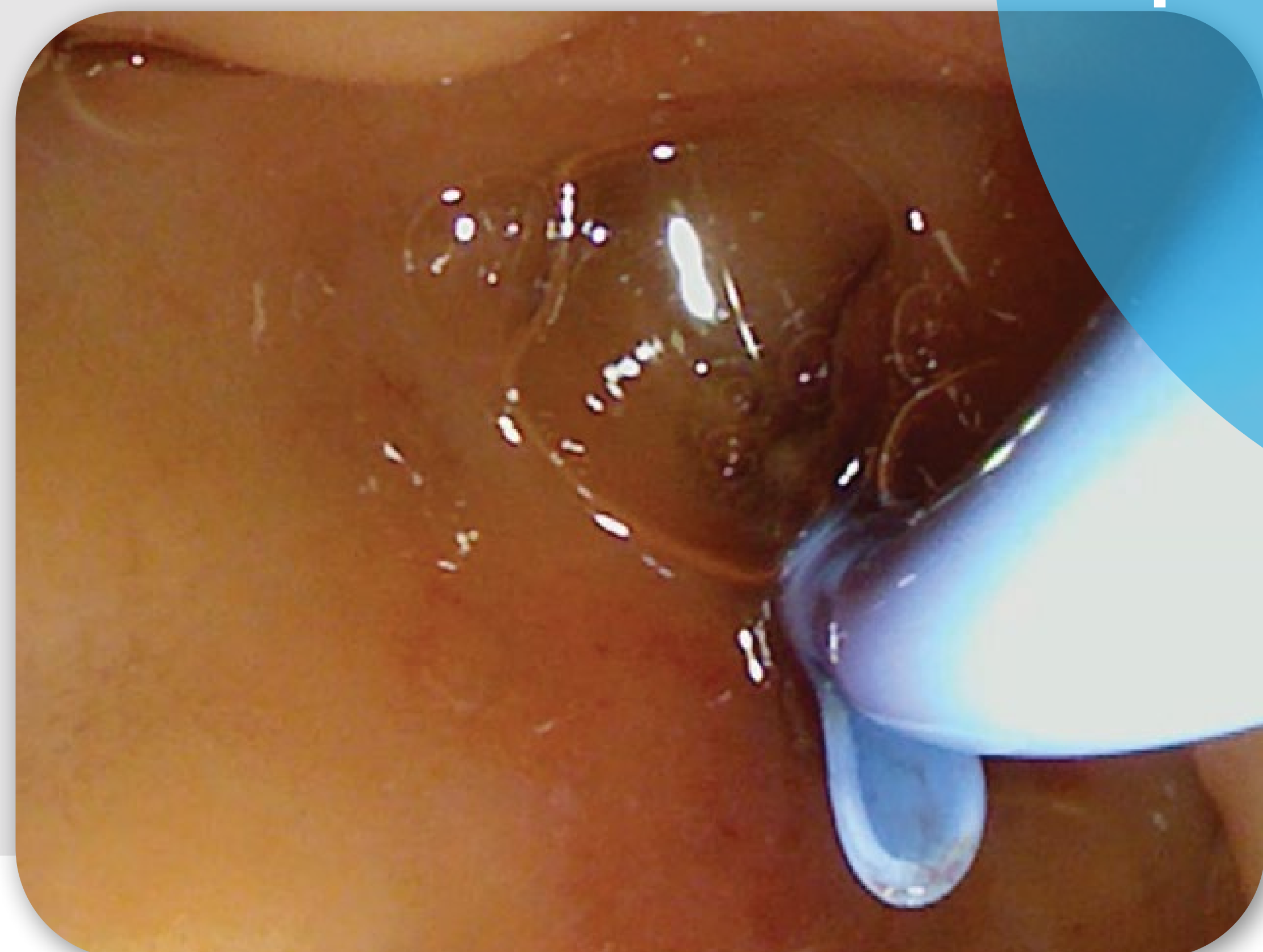
Compatible with Boston Scientific single-use endoscope accessories

EXALT™ Model D Single-Use Duodenoscope



High resolution,
digital camera system
for clear imaging.

LED lighting in scope
tip designed for optimized
illumination.



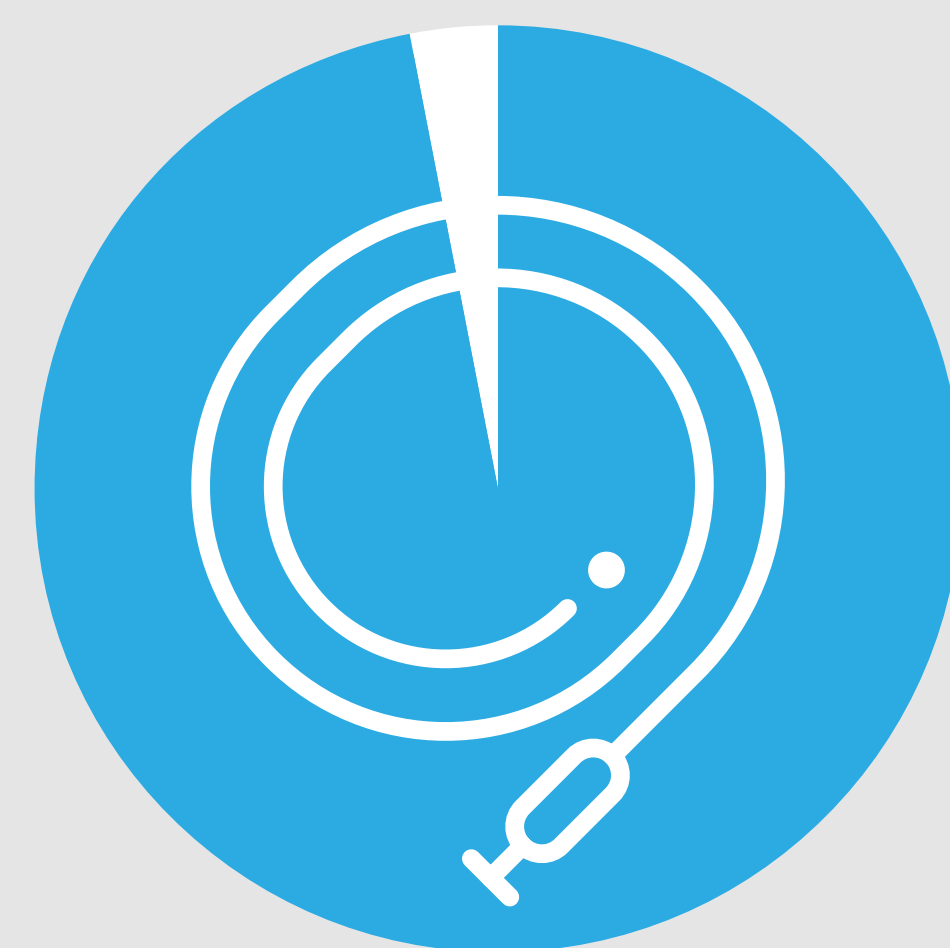
Clinical Trial

EXALT™ Model D Single-Use Duodenoscope



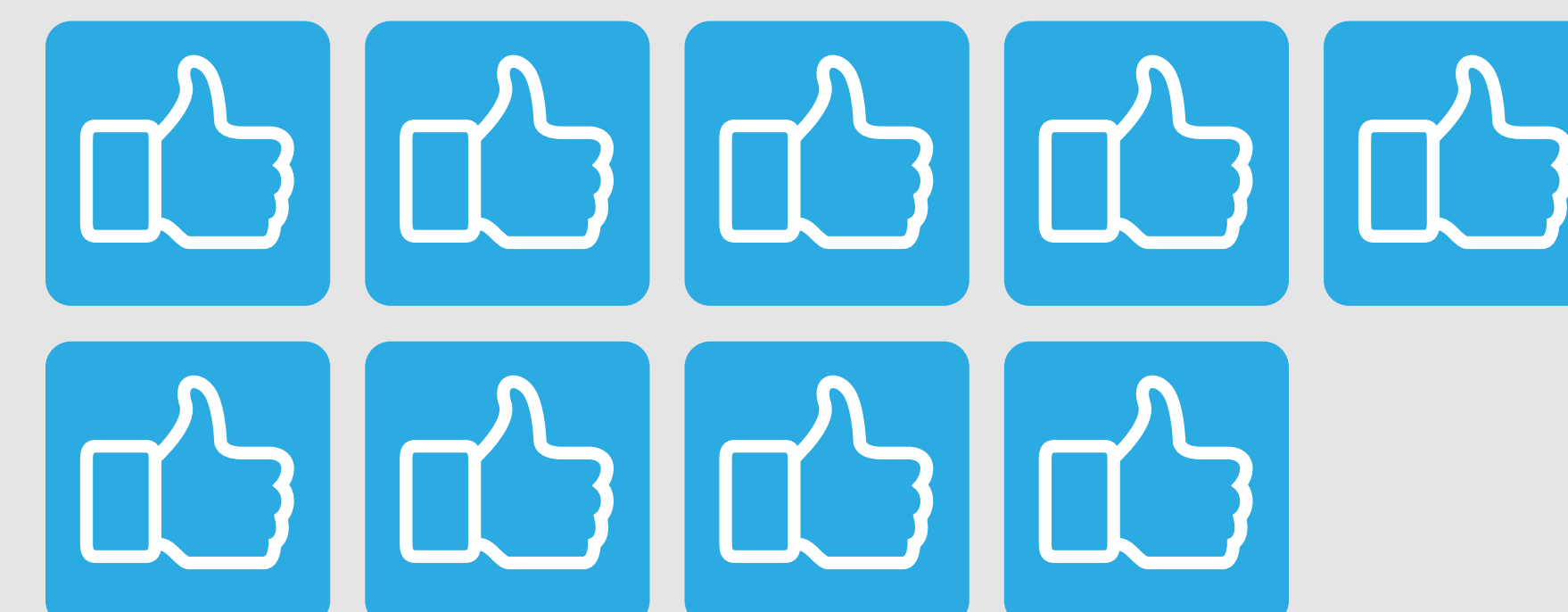
60

In a consecutive case series of the EXALT Model D Duodenoscope, 60 ERCPs, of all 4 ASGE complexity levels, were completed across six sites in the United States for indications including pancreaticobiliary stone clearance, stent placement, exchange and/or removal and balloon dilation.



96.7%

All ERCP procedures were successfully performed, of which 96.7% were completed with the single-use duodenoscope alone and 3.3% with crossover to a reusable duodenoscope.



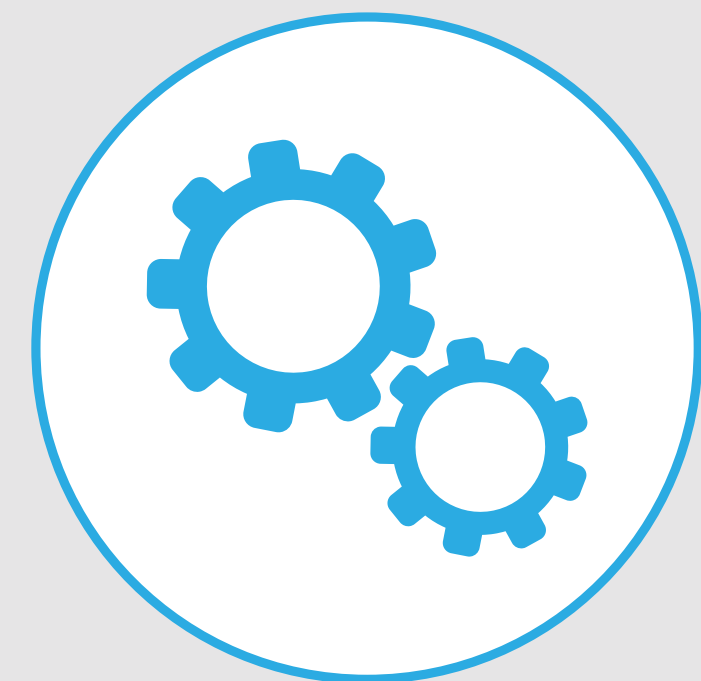
9 OUT OF 10

The median overall satisfaction with the single-use duodenoscope by physicians was rated as 9 out of 10.

Reprocessing

Duodenoscope Reprocessing is in a State of Transition

The environment, equipment, and guidelines that inform cleaning procedures are frequently changing.



Increased endoscope complexity

Reprocessing manuals are complex and outbreaks have occurred despite adherence to manufacturer's instructions.



Emergence of multi-drug resistant organisms (MDRO)

MDROs provided an indicator to recognize duodenoscope transmitted infections.



Changes in reprocessing guidance

In addition to meticulous adherence to manufacturers' instructions, the FDA recommends health care facilities performing ERCP implement supplemental reprocessing measures to further reduce risk of infection.



Regular personnel turnover

Staff turnover makes it challenging to maintain compliance to evolving guidelines.



Increasing focus of auditing bodies

Auditing bodies increasingly focus on Endoscopy and especially on reprocessing of Duodenoscopes.

Single-Use for Efficiency

EXALT™ Model D Duodenoscope is a sterile single-use device, providing you an option that foregoes reprocessing.

EXALT Model D Duodenoscope **eliminates the burden of reprocessing** reusable duodenoscopes including staff time and material costs to manage increasingly involved reprocessing recommendations. By eliminating the pressure and workflow burden required to reprocess and service reusable duodenoscopes, EXALT Model D Duodenoscope may alleviate certain burdens and headaches placed upon hospital staff.



Scope of the Problem*

Duodenoscope reprocessing manuals are complex and can average:

100+ & **150+**
PAGES STEPS

Duodenoscopes are more intricate in design than other endoscopes, including a movable “elevator” mechanism at the tip which may be extremely difficult to access and clean effectively.



STORAGE



DRYING



HIGH LEVEL
DISINFECTION



VISUAL INSPECTION



MANUAL CLEAN



LEAK TEST

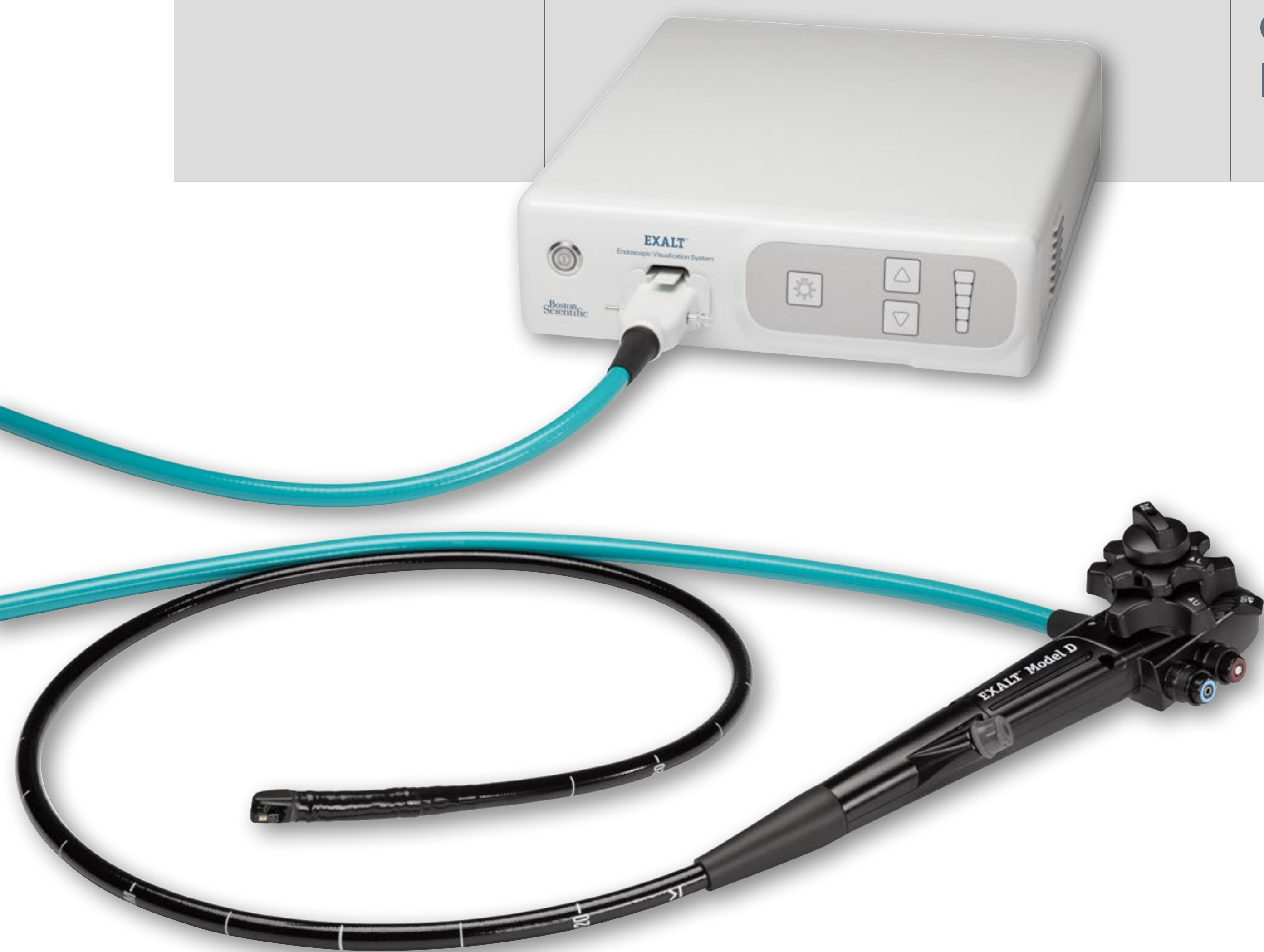


PRE-CLEAN

*Olympus Reprocessing Manual

Ordering Information

UPN	Item	Description	Languages	Packaging
M0054242CE0	EXALT™ Model D Single-use Duodenoscope	Sterile Single-use Duodenoscope for use with EXALT Controller	NA	Box 1
M0054242CE1	EXALT Model D Single-use Duodenoscope	Sterile Single-use Duodenoscope for use with EXALT Controller	NA	Box 2
M00542430	EXALT™ Controller	100-240 VAC Controller for use with single-use duodenoscope (including detachable power cable, DVI and HDMI cables)	English, Spanish, French, German, Italian, Dutch and Portuguese	Box 1
M00542460	EXALT Controller	100-240 VAC Controller for use with single-use duodenoscope (including detachable power cable, DVI and HDMI cables)	English, Danish, Greek, Portuguese-Brazil, Swedish, Hungarian, Czech, Polish, Norwegian, Korean, Turkish, Finnish, Romanian and Slovak	Box 1



Familiar Design Specifications

Specifications Value	EXALT™ Model D Duodenoscope
Retro viewing angle (°)	5
Field of view (°)	108
Depth of field (mm)	5-60
Distal end outer diameter (mm)	15.1
Insertion tube outer diameter (mm)	11.3
Working length (mm)	1240
Working channel inner diameter (mm)	4.2
Angulation range Up (°)	120
Angulation range Down (°)	90
Angulation range Right (°)	110
Angulation range Left (°)	90



Innovative products and a commitment to the way we conduct business

**GOOD FOR YOU, GOOD FOR YOUR PATIENTS,
GOOD FOR THE ENVIRONMENT.**

EXALT™ Model D Single-use Duodenoscope



Decreases waste from
disinfecting consumables



Helps reduce your water
and energy costs



Eliminates staff exposure to
potentially harmful toxic chemicals

**The Boston Scientific environmental, health and safety
programs show positive results around the globe**

95%

**LANDFILL
AVOIDANCE**

for our solid waste

41%

**REDUCTION
(66,000 Tons)**

in greenhouse gas
emissions since
2009, exceeding our
goal of 35%
reduction by 2019

30%

REDUCTION

in water use
since 2009

NEWSWEEK GREEN RANKING:

Ranked 16th greenest US company in 2017 - 2018

<https://www.newsweek.com/full-list-US-companies-green-rankings-2017-18>



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