

TJF-Q190V Duodenoscope

Supporting Your Standard of Care



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ERCP Solutions That Allow You to Focus on **Your Patient**

Endoscopic retrograde cholangiopancreatography (ERCP) procedures are highly challenging for all parties involved: **gastroenterologists, nurse managers, reprocessing technicians and hospital administrators**. Most of all, it is a difficult time for your **patient**, both physically and mentally.

Leading up to the ERCP procedure, your patient and their family have already been through a long and taxing medical journey. There is a lot of uncertainty about what lies ahead, and they are counting on your team to help them through this process. The technical aspects of the procedure are not necessarily at the forefront of your patients' minds in these moments. Rather, their questions are likely to be:



“Will this procedure be painful?”
“Will I get the answers I am looking for?”
“Will you be able to help me get better?”
“What is my prognosis?”

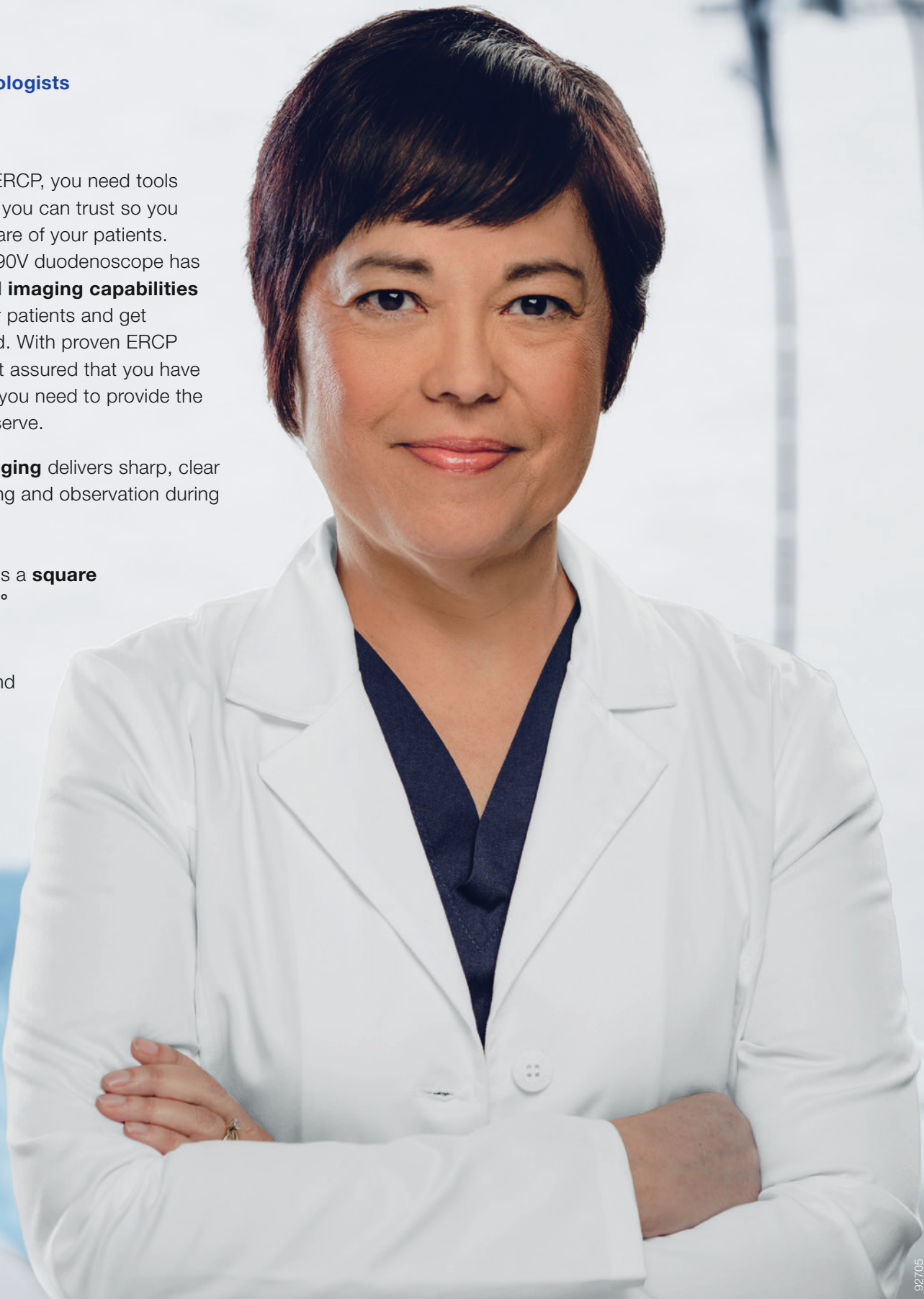
The next generation of Olympus duodenoscopes, combined with our outstanding guidewire and sphincterotome technology, is designed to provide a comprehensive solution to nearly all ERCP access procedures.

Helping **Gastroenterologists** Provide Quality Care

When performing an ERCP, you need tools and technologies that you can trust so you can focus on taking care of your patients. The Olympus TJF-Q190V duodenoscope has **maneuverability and imaging capabilities** to help you serve your patients and get the answers they need. With proven ERCP solutions, you can rest assured that you have the complete tool set you need to provide the care your patients deserve.

Our **high-quality imaging** delivers sharp, clear images for easy viewing and observation during the procedure.

The TJF-Q190V utilizes a **square image shape and 15° backward viewing**, allowing for expanded vertical field of view and improving cannulation efficiency. You can continue to rely on the dual guidewire locking system at the distal end, enabling locking of 0.035 inch and 0.025 inch guidewires.



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Supporting **Nurse Managers** and Their Teams

Nurse managers are ultimately responsible for overseeing the effective and thorough reprocessing of duodenoscopes, a critical component of patient safety before and after an ERCP procedure.

The **single-use distal cover** allows better access for reprocessing accessories during manual cleaning.



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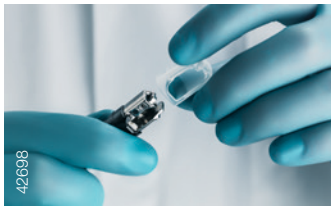
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Providing **Hospital Administrators**
Safe and Effective Tools

The Olympus TJF-Q190V duodenoscopes provide outstanding advancements in ERCP technology to satisfy your physicians, as well as a design that offers efficient reprocessing to meet the needs of your nurse managers.

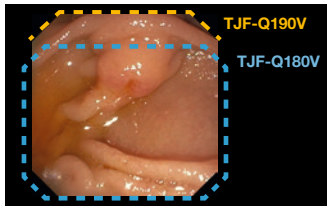
You can rely on **Olympus field service and clinical support** to ensure that your team is well prepared and has all of the tools they need for success.

Our Newest Duodenoscope Offers the Following Features:



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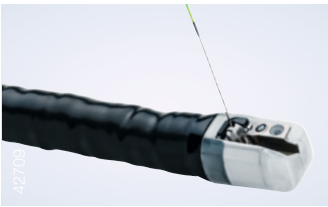
Single-use distal cover allows better access for reprocessing accessories during manual cleaning.



TJF-Q190V
TJF-Q180V

Expanded field of view with a square display.

- Extended view area of TJF-Q190V
- View area of TJF-Q180V



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Guidewire locking capability to facilitate 0.035 inch and 0.025 inch short guidewire locking.



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High-quality imaging capabilities for better viewing and observation.

TJF-Q190V Duodenoscope

Features and Benefits

Single-use Distal Cover

Allows for visualization of the distal end and better access for reprocessing accessories during manual cleaning.

Guidewire Locking

Facilitates fast and secure short guidewire locking with dual system at the distal end.

Improved Cannulation Efficiency

Square image shape and 15° backward viewing allow for expanded vertical field of view.

Distal-end Flushing Adaptor

Ensures controlled distribution of detergent and disinfectant solution to the distal tip of the endoscope during manual reprocessing.

Waterproof One-Touch Connector

190 series endoscopes allow a one-step connection to the video system.

High Force Transmission (HFT)

HFT, the scope-handling technology designed to improve scope responsiveness and ergonomics in 190 series colonoscopes, is now incorporated into the TJF-Q190V.

Narrow Band Imaging (NBI)

NBI with the EVIS EXERA III system is significantly brighter than with the EVIS EXERA II system.

Overall Image Quality

The EVIS EXERA III system and endoscopes provide superior image quality to the EVIS EXERA II system and endoscopes.



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At Olympus, we take our role in enhancing patient safety very seriously. We are continuously seeking to improve the next generation of our products, provide guidance on their safe and effective use, and increase the ease and efficacy of endoscope reprocessing.



Providing **Technicians** with Access

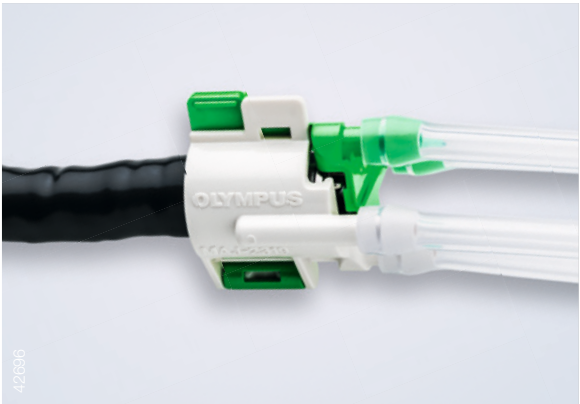
Reprocessing technicians are charged with a critical responsibility: reprocessing duodenoscopes for ERCP procedures. Patients face potential risks with any medical procedure that may cause stress to them. Technicians are highly engaged to reduce these concerns and to avoid potential infections associated with ERCP.

The Olympus TJF-Q190V has features that are **designed with technicians and patient safety in mind.**



Single-use Distal Cover

Designed to provide better access for brushing and flushing and is destroyed during removal, preventing unintended reuse.



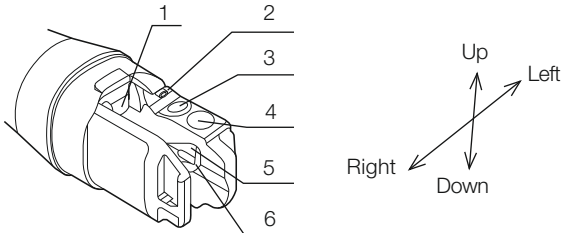

Distal-end Flushing Adaptor

Designed to direct flushing during manual reprocessing.



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Product Specifications

Optical System	Field of view	100°
	Direction of view	Backward side viewing 15°
	Depth of field	5 to 60 mm
Insertion Section	Distal end enlarged 1. Instrument channel outlet 2. Air/water nozzle 3. Objective lens 4. Light guide lens 5. Forceps elevator 6. Guidewire-locking groove	
	Insertion tube, outer diameter	11.3 mm
	Distal end, outer diameter	13.5 mm
	Working length	1,240 mm
Instrument Channel	Channel, inner diameter	4.2 mm
	Minimum visible distance	10 mm
	Direction from which EndoTherapy accessories enter and exit the endoscopic image	
Bending Section	Angulation range	Up 120° Down 90° Right 110° Left 90°
Total Length	1,560 mm	
Compatible EVIS EXERA System	EVIS EXERA III video system center OLYMPUS CV-190, CV-190 PLUS EVIS EXERA III xenon light source SOURCE OLYMPUS CLV-190	
Compatible EVIS X1 System	EVIS X1 video system center OLYMPUS CV-1500	

Ordering Information

Order Number	Description	Quantity
TJF-Q190V	190 series duodenoscope	1 pc.
MAJ-2315	Single-use distal cover	20 pcs.
MAJ-2319	Distal-end flushing adaptor	1 pc.

As medical knowledge is constantly growing, technical modifications or changes of the product design, product specifications, accessories and service offerings may be required.

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