

**OLYMPUS**<sup>®</sup>

Your Vision, Our Future

OLYMPUS  
**EndoTherapy**  
BEYOND THE SCOPE

**Unique New Bendable Tip Allows Smoother,  
Easier Maneuvering During ERCP Cannulation**



ERCP Cannula  
**SwingTip**  
cannula™

# Olympus Introduces a New Cannula with Unique Tip Angulation Capability for Cases Where Cannulation is Difficult



With its innovative design, the PR-233Q SwingTip™ cannula makes the complex task of cannulation in endoscopic retrograde cholangiopancreatography easier to perform and more reliable. Featuring tip angulation capability, the PR-233Q is easier to insert and position in the biliary ducts, allowing precise, selective maneuvering of the cannula. The SwingTip™ cannula makes insertion into the left hepatic duct simple and straightforward.

## Features

### ● Angulation capability for easier insertion

The tapered tip of the PR-233Q can be angulated as much as 90° when the handle is pulled, and as much as 30° when pushed, ensuring easy insertion into the papilla and the biliary ducts, even in challenging cases.

### ● Platinum Radiopaque tip

The tip is made of platinum, which has excellent visibility, making it easy to confirm the tip position during fluoroscopy.

### ● Compatible with 0.035" guidewire

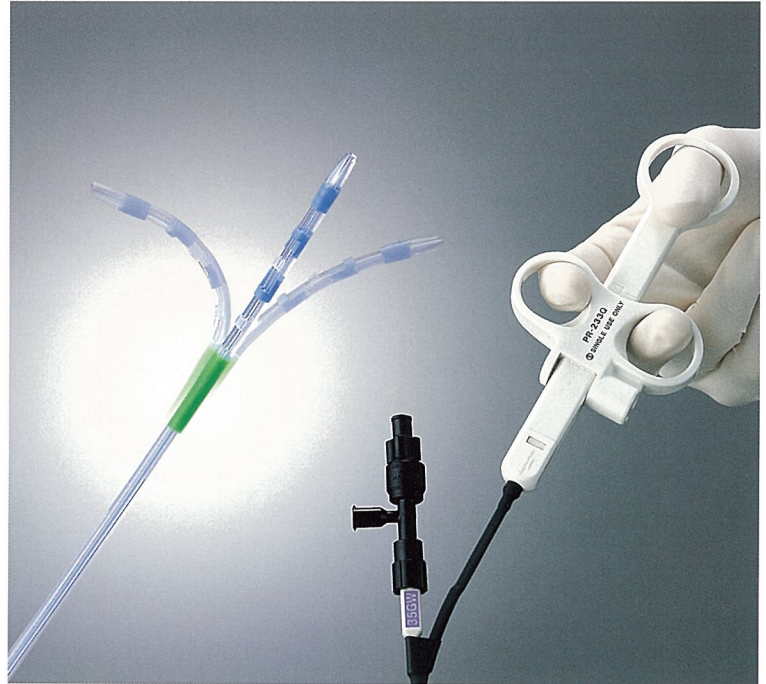
Although the tip has a tapered design, a guidewire with a diameter of up to 0.035" (0.89 mm) can be passed through the cannula.

### ● Distal markings for positional confirmation

Blue markings placed at 3 mm intervals on the distal tip make it easy to confirm the depth of insertion. In addition, a green marking is provided that shows when the cannula's bending section is fully extended from the scope tip, letting you know that optimum angulation capability can be achieved.

### ● Sterile disposable design

With an integrated short-stroke handle, the PR-233Q is sterile and disposable.



## Specifications

Tip Design	Tapered	
Model	PR-233Q	
Outer Diameter	Tube	ø2.95 mm
	Distal	4.0 Fr.
Compatible Guidewire	0.035" (0.89 mm)	
Minimum Channel Diameter	ø3.2 mm	

Specifications, design and accessories are subject to change without any notice or obligation on the part of the manufacturer.



**OLYMPUS MEDICAL SYSTEMS CORP.**  
Shinjuku Monolith, 3-1 Nishi-Shinjuku 2-chome, Shinjuku-ku, Tokyo 163-0914, Japan  
**OLYMPUS MEDICAL SYSTEMS EUROPA GMBH**  
Postfach 10 49 08, 20034 Hamburg / Wendenstrasse 14-18, 20097 Hamburg, Germany  
**OLYMPUS AMERICA INC.**  
3500 Corporate Parkway, P.O. Box 610, Center Valley, PA 19034-0610, U.S.A.  
**OLYMPUS LATIN AMERICA, INC.**  
5301 Blue Lagoon Drive, Suite 290 Miami, Florida 33126-2097, U.S.A.  
**OLYMPUS KEYMED GROUP LTD.**  
Keymed House, Stock Road, Southend-on-Sea, Essex SS2 5QH, England  
**OLYMPUS SINGAPORE PTE LTD.**  
491B River Valley Road #12-01/04, Valley Point Office Tower, Singapore 248373

**OLYMPUS HONG KONG AND CHINA LIMITED**  
L43, Office Tower, Langham Place, 8 Argyle Street, Mongkok, Kowloon, Hong Kong  
**OLYMPUS (BEIJING) SALES & SERVICE CO., LTD.**  
Room.1202, NCI Tower, A12 Jianguomenwai Avenue Chaoyang District Beijing, 100022, China  
**OLYMPUS MOSCOW LIMITED LIABILITY COMPANY**  
117071, Moscow, Malaya Kaluzhskaya 19, bld. 1, fl.2, Russia  
**OLYMPUS AUSTRALIA PTY LTD**  
31 Gilby Road, Mount Waverley, VIC. 3149, Australia  
**OLYMPUS KOREA CO., LTD.**  
4F, 5F, Gyeongam Bldg., 157-27, Samseong-dong, Gangnam-ku, Seoul, Korea