

**Optitorque®**

Coronary Diagnostic Catheters



**TRANSFORM**  
YOUR RADIAL  
TECHNIQUE

**TERUMO**  
INTERVENTIONAL  
SYSTEMS

# Optitorque®

Coronary Diagnostic Catheters

## A complete line of coronary diagnostic catheters featuring universal and radial specific shape options.

- Excellent trackability in tortuous anatomy while navigating the radial artery<sup>3,a</sup>
  - Soft tip reduces potential for vessel trauma
- Superior flow rates for diagnostic imaging<sup>3,a</sup>
  - Large lumen allows for high flow of contrast media and allows for downsizing of French size
- Superior torque control for precise placement<sup>3,a</sup> due to double-braided stainless steel (two-ply) mesh middle layer
- Used for transradial diagnostics more than any other catheter<sup>2</sup>

### Flow Rate Chart

(All measurements are mL/sec)

		300 PSI	450 PSI	600 PSI	750 PSI	900 PSI	1000 PSI
5 Fr	100 cm	8.0	11.0	16.0	17.0	19.0	21.0
	110 cm	7.0	10.0	15.0	17.0	19.0	21.0
6 Fr	100 cm	10.0	14.0	17.0	19.0	23.0	25.0
	110 cm	10.0	13.0	17.0	19.0	22.0	25.0

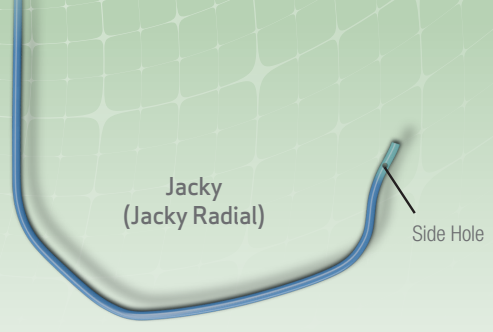
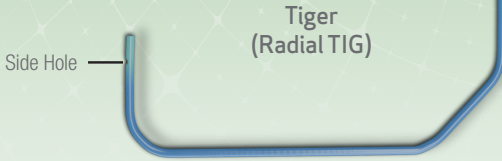
### Test Conditions

Solution: Glycerin 10.6 cp (equivalent to OMNIPAQUE 350 at 37°C)

Linear Rise Sec.: 1.0 sec

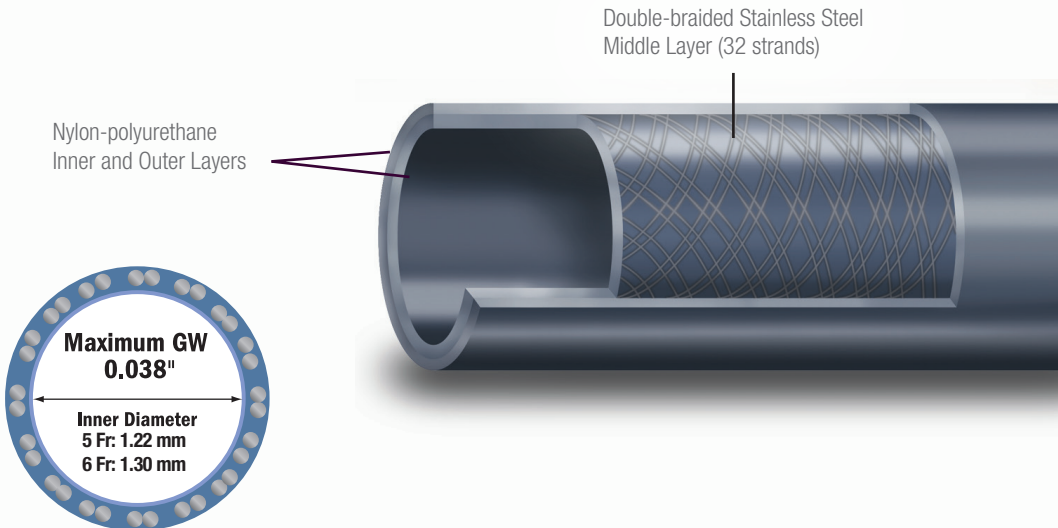
Total Flow Volume: 60 mL

Set Flow Rate: 30 mL/sec.



## Radial-Specific Universal Shapes: Tiger, Jacky, Sarah

- Radial specific curves designed:
  - for excellent back-up support
  - with appropriate angles to fit coaxial to ostium
  - for enabling optimal engagement with simple clockwise and counterclockwise rotation<sup>1</sup>
- Enables angiography of both RCA and LCA with a single catheter<sup>1</sup> that can potentially:
  - limit catheter exchanges
  - shortens procedural and fluoroscopic time<sup>1</sup>
  - lower cost per procedure



Shaft Cross Section

# PUSHING BOUNDARIES

Terumo Interventional Systems is **committed to your success** with innovative procedural solutions and ongoing support for your most challenging cases.

We are relentlessly seeking new ways to help you achieve **better outcomes for more patients.**



## ORDERING INFORMATION

SHAPE CATEGORY	PRODUCT CODE 5 Fr/1.70 mm	PRODUCT CODE 6 Fr/2.00 mm	SHAPE NAME	LENGTH cm	SIDE HOLES	SHAPE
Tiger	40-5011	40-6011	Radial TIG 4.0	100	1	
	40-5013	40-6013	Radial TIG 4.0	110	1	
	40-5012	40-6012	Radial TIG 4.5	100	1	
	40-5014	40-6014	Radial TIG 4.5	110	1	
Jacky	40-5021	40-6021	Jacky Radial (Curve Size 3.5)	100	2	
	40-5023	40-6023	Jacky Radial (Curve Size 3.5)	110	2	
	40-5022	40-6022	Sarah Radial (Curve Size 4.0)	100	2	
	40-5024	40-6024	Sarah Radial (Curve Size 4.0)	110	2	
Pigtail	40-5030	40-6030	Straight Pigtail	110	6	
	40-5031	40-6031	Angled Pigtail 155°	110	6	
Judkins Left	40-5040	40-6040	JL 3.5 (Judkins Left 3.5 cm)	100	-	
	40-5041	40-6041	JL 4.0 (Judkins Left 4.0 cm)	100	-	
	40-5042	40-6042	JL 5.0 (Judkins Left 5.0 cm)	100	-	
Judkins Right	40-5043	40-6043	JR 3.5 (Judkins Right 3.5 cm)	100	-	
	40-5044	40-6044	JR 4.0 (Judkins Right 4.0 cm)	100	-	
	40-5045	-	JR 5.0 (Judkins Right 5.0 cm)	100	-	
Bypass	40-5050	40-6050	Internal Mammary	100	-	
Amplatz	40-5060	-	AL 1 (Amplatz Left Small Type)	100	-	
	40-5061	40-6061	AL 2 (Amplatz Left Middle Type)	100	-	

Maximum pressure: 1000 psi.

## FIND OUT MORE



US: 800.862.4143  
CA: 833.883.7866



US: [terumo.is.com](http://terumo.is.com)  
CA: [terumocanada.ca](http://terumocanada.ca)

### References:

1. Yuji Ikari, MD, PhD, FACC, FESC, Professor, Department of Cardiology, Tokai University, Japan Commentary by Mauricio G. Cohen, MD, FACC. "Long-Term Experience Using the Ikari Guide Catheter for Radial PCI" *Cath Lab Digest* Volume 21 - Issue 9 - September 2

2. MRG Report 2023.

3. Data on File.

<sup>a</sup> When compared to leading competitors

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