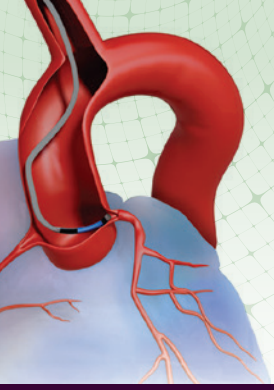


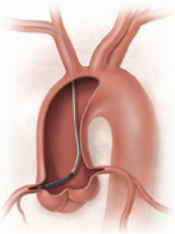
Heartrail®
Coronary Guiding Catheter

IKARI CATHETER
Engagement Guide

General Tips and Tricks

- Start with Ikari Left 3.5 or Ikari Right 1.0
- Ikari Left is a universal guide
- Ikari Right designed for RCA
- Ikari Left: Length between primary and secondary curve is 2mm per .5 upsize, except IL 4.5 is 8mm longer than IL4.0
- Ikari Right: Length between primary and secondary curve is 5mm per .5 upsize
- Use an .035" wire to facilitate engagement, prolapsed in aortic root
- If secondary curve left, "floating" in ascending aorta, push to properly seat
- Proper engagement has multiple points of contact on aortic wall
- If necessary, track catheter over wire or balloon to deep seat
- To inject and view pressures, use tuohy and connect manifold to side port

Ikari Right in the RCA



- While attempting to engage, have a low threshold to downsize if IR points superiorly above ostium
- Use a .035" wire to facilitate engagement
  - Keep wire between Brachiocephalic and primary curves to provide added control and shape similar to JR4
- Withdraw wire, leaving catheter tip in right coronary cusp
- From right cusp, clockwise torque and withdraw
- From above ostium, torque (slight push may be necessary)
- Extra backup support can be achieved with additional clockwise torque

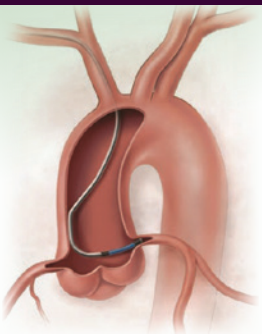
RADIAL ACCESS
STARTS WITH TERUMO

TERUMO
INTERVENTIONAL SYSTEMS

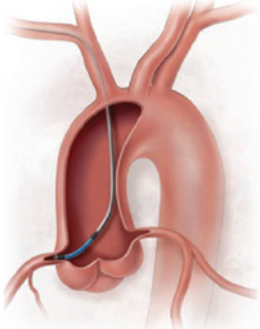
For Rx only. Before using refer to **Instructions for Use** for indications, contraindications as well as warnings and precautions @ www.terumois.com

Ikari Left in the LCA

- Use an .035" wire to facilitate engagement
  - Keeping wire at Tertiary curve provides better stability while torqueing catheter
  - Keeping wire at Secondary curve directs tip toward the ostium of the vessel
- Withdraw wire, leaving catheter tip in left coronary cusp
- Push and counter-clock torque to engage LCA ostium



Ikari Left in the RCA



- Use an .035" wire to facilitate engagement
  - Keeping wire at primary curve provides added control. It changes the shape similar to a Judkins right
  - It may be necessary to gradually pull back wire as catheter faces RCA orifice
- Withdraw wire, leaving catheter tip in right coronary cusp
- Pull and clock torque to engage RCA ostium

Ikari Product Information

Shape Category	Shape Name	Product Code	Size (Fr)	Length (cm)	Side Holes
Ikari Left	IL3.5	40-5370	5 Fr	100	0
		40-6370	6 Fr	100	0
		40-6371	6 Fr	100	2
	IL3.75	40-5372	5 Fr	100	0
		40-6372	6 Fr	100	0
		40-6377	6 Fr	100	2
	IL4.0	40-5373	5 Fr	100	0
		40-6373	6 Fr	100	0
		40-6374	6 Fr	100	2
	IL4.5	40-5375	5 Fr	100	0
		40-6375	6 Fr	100	0
		40-6376	6 Fr	100	2

Note: Maximum pressure 700psi

Shape Category	Shape Name	Product Code	Size (Fr)	Length (cm)	Side Holes
Ikari Right	IR1.0	40-5380	5 Fr	100	0
		40-6380	6 Fr	100	0
		40-6383	6 Fr	100	2
	IR1.5	40-5381	5 Fr	100	0
		40-6381	6 Fr	100	0
		40-6384	6 Fr	100	2
	IR2.0	40-5382	5 Fr	100	0
		40-6382	6 Fr	100	0
		40-6385	6 Fr	100	2
TIG Mod	TIG4.0	40-5311	5 Fr	100	0
		40-6311	6 Fr	100	0

Note: Maximum pressure 700psi