

“Don’t Miss A Beat”: Cardiovascular Educational Illustrations

Find more images from CLD Editorial Board member Samantha Propper, MBA, BS, RCIS, Propper Consulting, LLC (Don’t Miss A Beat), at <https://dontmissabeat.store/>

Find “Diagnostic Catheter Curves” online and take a quiz to test your comprehension:



TIPS ON DIAGNOSTIC CATHETER CURVES

AMPLATZ

ALI
AL2

A is for Amplatz
But also helpful to use A to mean Anomalous!

- Have a weird take off?
- Anterior RCA or a vein graft you cannot quite reach?

Try it out!

Also good for: Crossing through a stenotic aortic valve or engaging in a horizontal aorta

TIGER

Also called a TIG

Flat angled back
One side hole
Perpendicular Tip

A catheter designed for approach from a radial access, for multiple purposes

- Engaging the RCA
- Engaging the LCA
- Crossing the aortic valve

JACKY

Curved tip
Two side holes
A little smoother of an angle on the back curve

A catheter designed for approach from a radial access, for multiple purposes

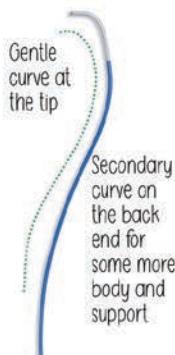
- Engaging the RCA
- Engaging the LCA
- Crossing the aortic valve

JUDKINS RIGHT

Used to cannulate the right coronary artery:

JR 3.5
JR 4
JR 5

Different options but JR4 is what you will usually start with. If the curve does not work, you will likely go to different catheter shapes like 3DRC or Amplatz



INTERNAL MAMMARY

Can appear similar to the JR4 but does have some differences:

The back shaft is a bit straighter
The hook is more curved

Used for LIMA (Left Internal Mammary) and RIMA (Right Internal Mammary) engagement

Also used in the vascular world for engagement of other branches!



3DRC

Also called Williams

A good alternative when you cannot engage the right coronary artery with the JR4

Notice the shadowing under parts of the catheter due to the definition!

When laid down, portions of the catheter are lifted off of the table... hence the 3D aspect

It already has torque in it!

Like a JR4 already manipulated to where you need it to go



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