



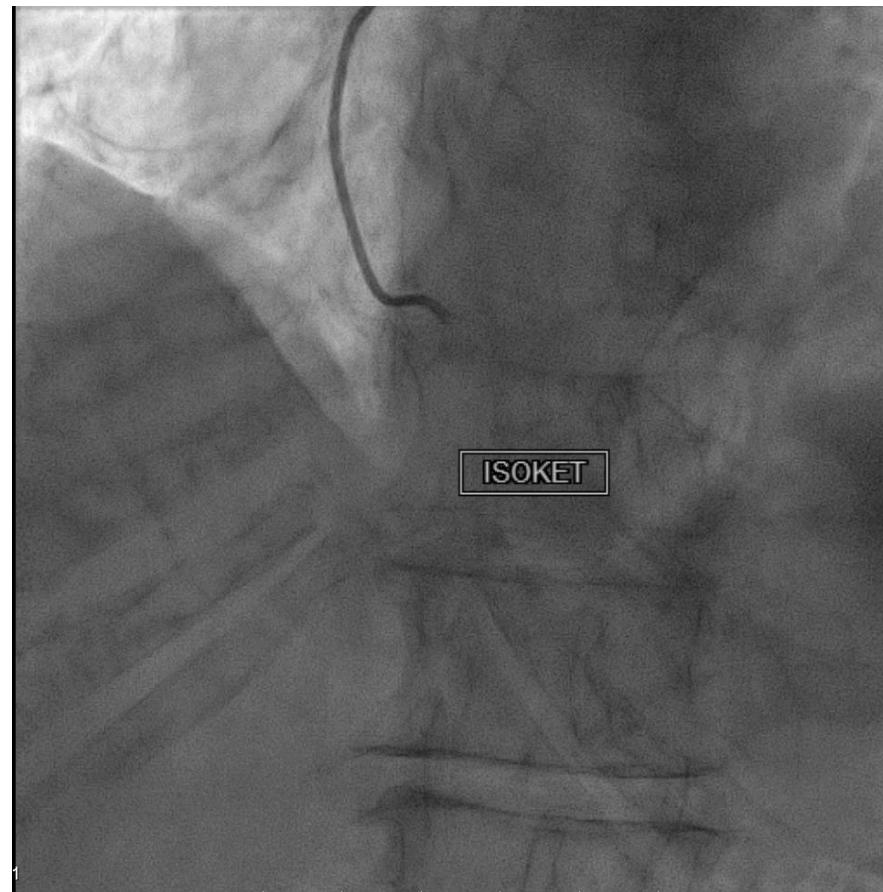
Where is my stent gone?

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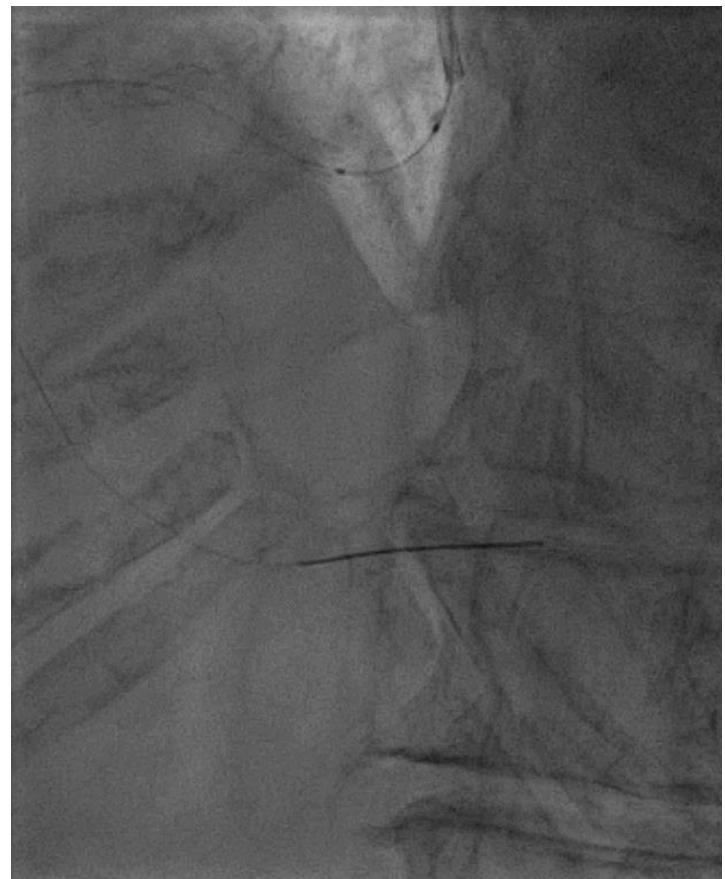
Coronary anatomy

- A 74 Y old patient with a history of DMT2 and HTN was hospitalized for UA
- On the following day, she underwent catheterization
- A single lesion in her ostial right coronary artery was noted (not resolved following Isoket) and percutaneous intervention was undertaken



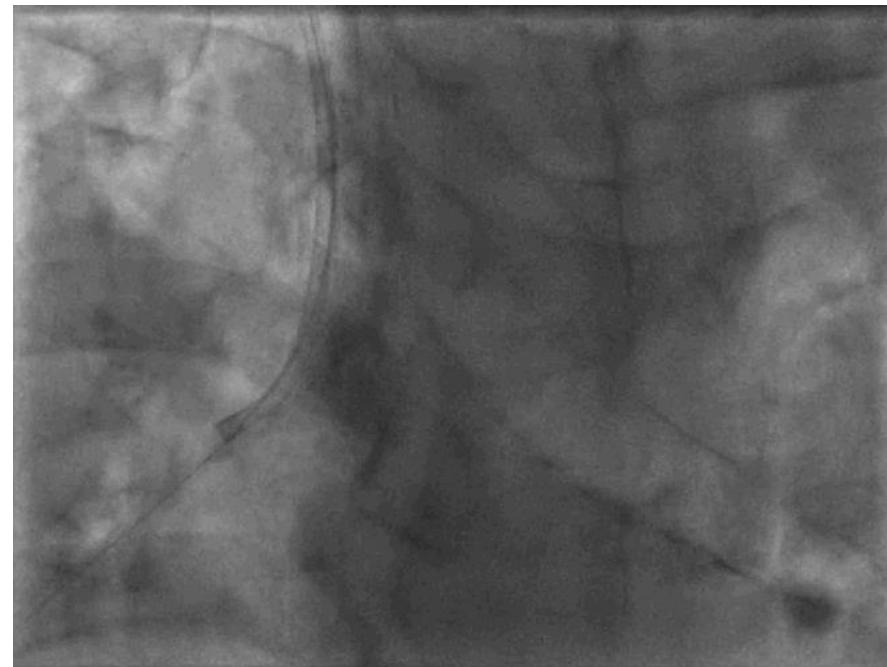
PCI to the ostial RCA

- A 3.5x12mm stent was initially implanted
- However, the true ostium was missed and a 2nd stent was implanted



Houston, we have a problem

- In the following scenes, the 2nd stent could not be found at the ostium
- After careful review it was located wrapping the JR4 guiding catheter

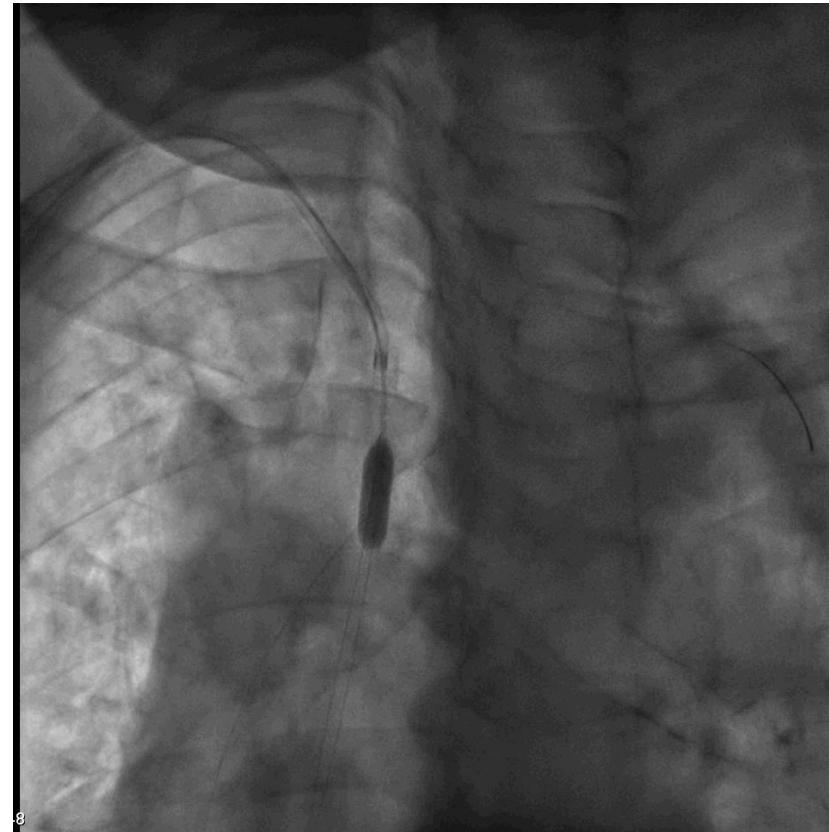


So, what next?

- Here are some things you might want to consider-
 - ❖ Will you be able to pull an inflated stent through the arm vessels?
 - ❖ Should you try and crash it first?
 - ❖ How would you retrieve it- balloon, snare, other options?
 - ❖ What about retrieval from a femoral access?

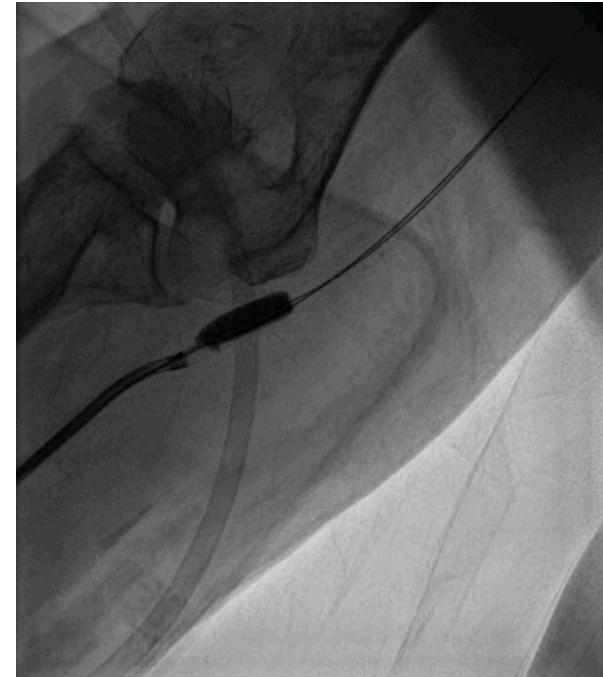
Here's what we did

- A 4mm balloon was inflated at the tip of the catheter
- Next, the system was pulled back, thereby locking the stent between the catheter tip and the inflated balloon



Moving forward

- We were able to retract the stent across the aorta, subclavian and brachial artery without problem



But it got stuck at the radial/brachial bifurcation

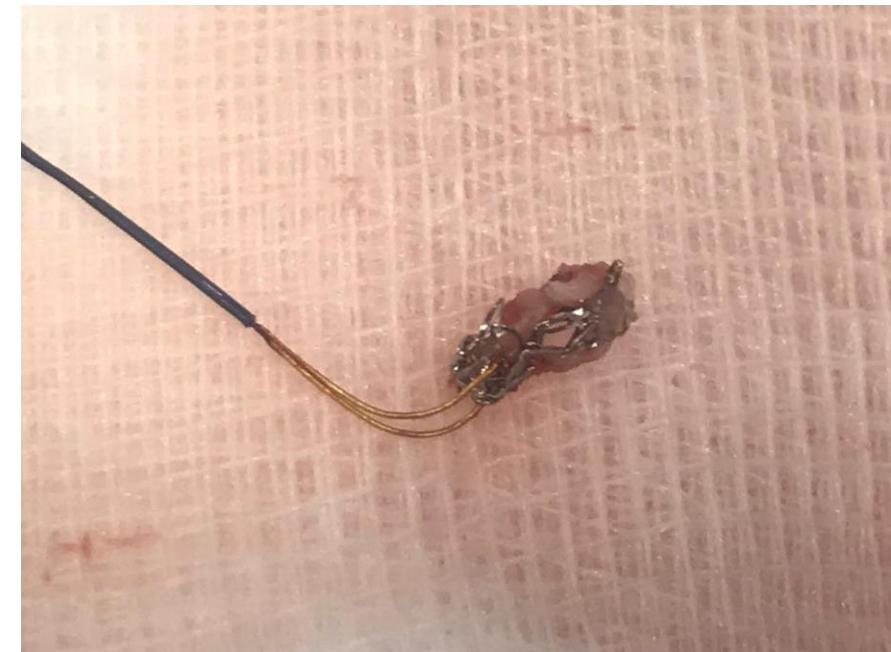
What next?

- Here are your options-
 - ❖ Leave it there, no harm done
 - ❖ Crush it against the vessel wall
 - ❖ Inflate a large diameter balloon and try retrieving again
 - ❖ Pull back with snare
 - ❖ Anything else?



Our solution

- Pulling the stent with a snare dislodge it from the bifurcation
- It was removed through the radial sheath



Take home messages

- Ostial RCA lesions are challenging
- Be meticulous, consider using a 2nd wire to mark the ostium
- Be familiar with all bail-out techniques
- (Try) and keep a clear mind and ask for help
- Prevention is your best tool