



The Swiss Roll Effect

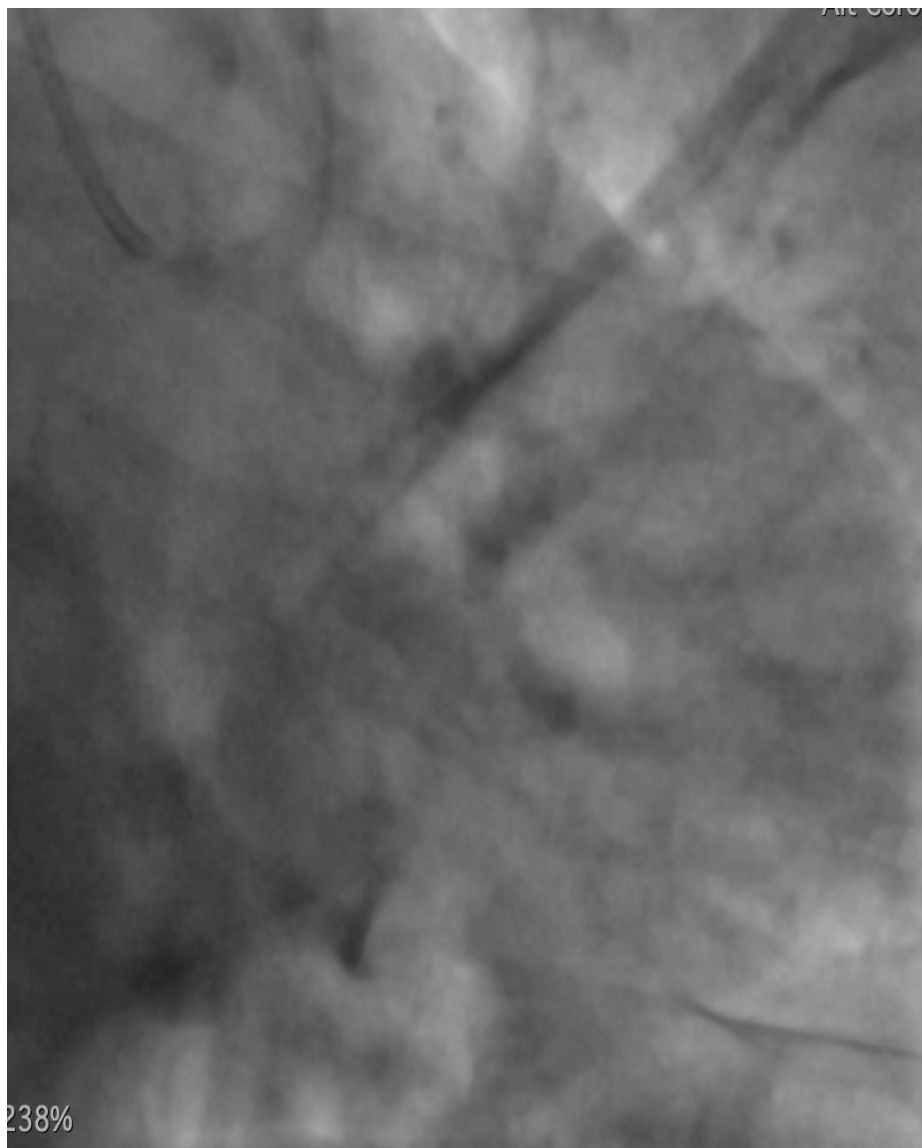
Tips & Tricks in bifurcation stenting

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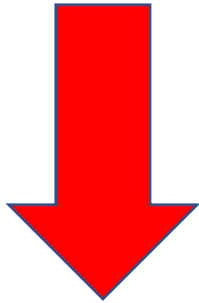
Clinical scenario and Coronary angiography



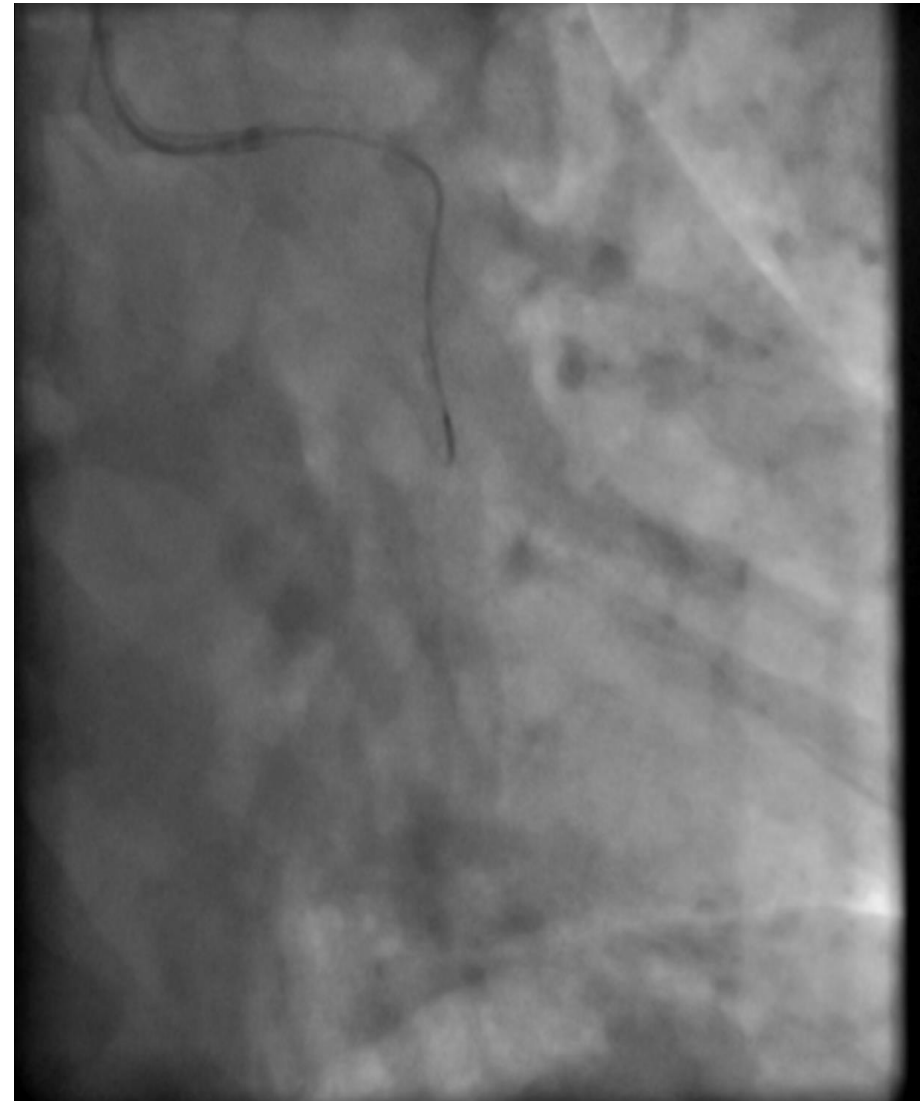


- Stenting 2.5x28 mm DES deployed at 11 atm.
- Post-dilatation 2.75x15 mm NC.
- No-reflow that didn't improve despite intracoronary Adenosine injection, adrenaline, and tirofiban.
- A proximal edge dissection was noted, that was fixed using another 3.0x18mm DES deployed at 12 atm.
- The previous step was associated with Acute closure of the 1st OM branch with severe chest pain.

- Dissection sealed
- OM lost with ostial stenosis and very bad angle.



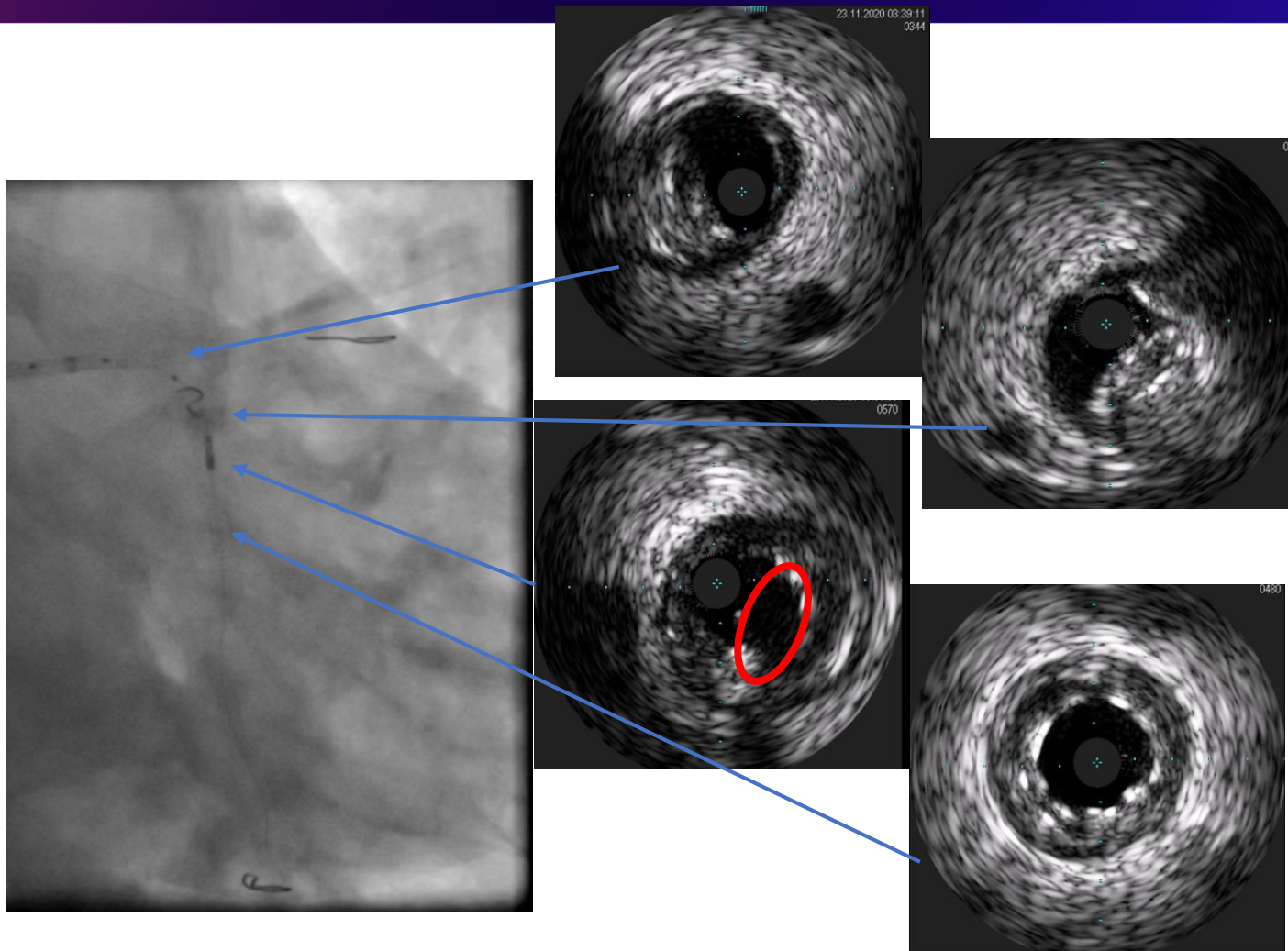
- Micro- catheter and hydrophilic wire.

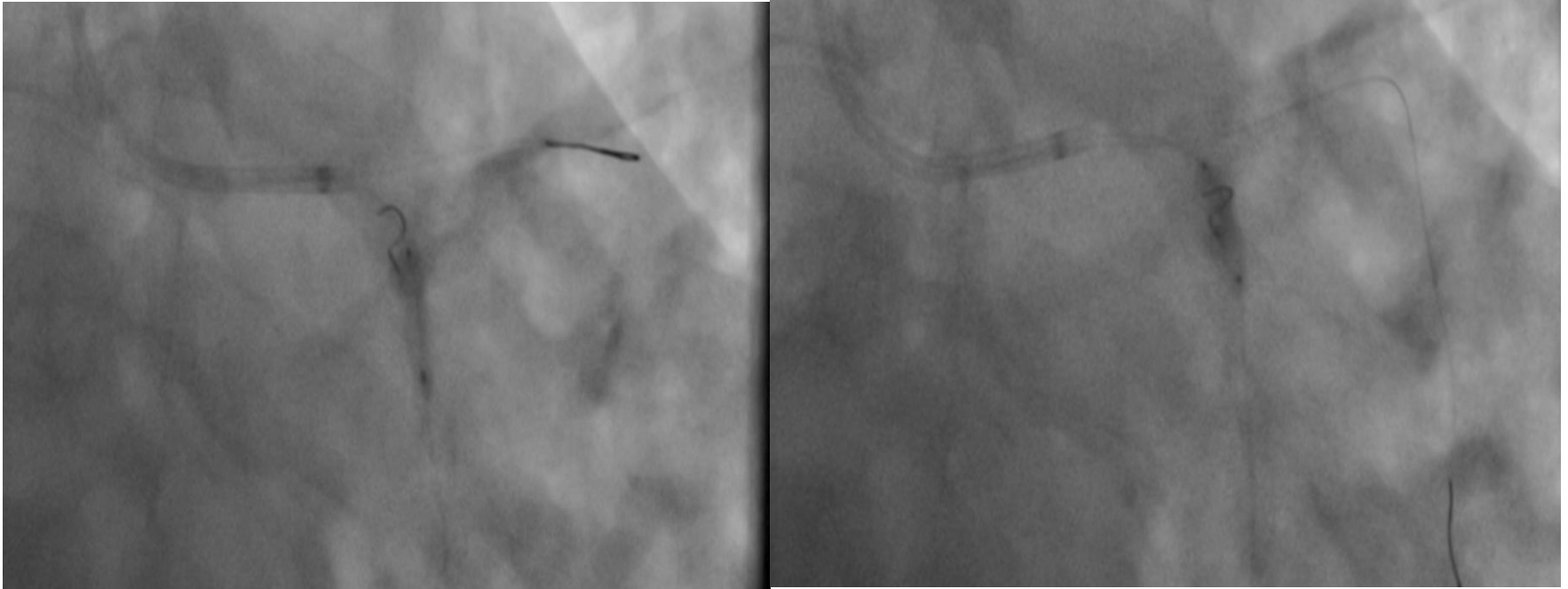


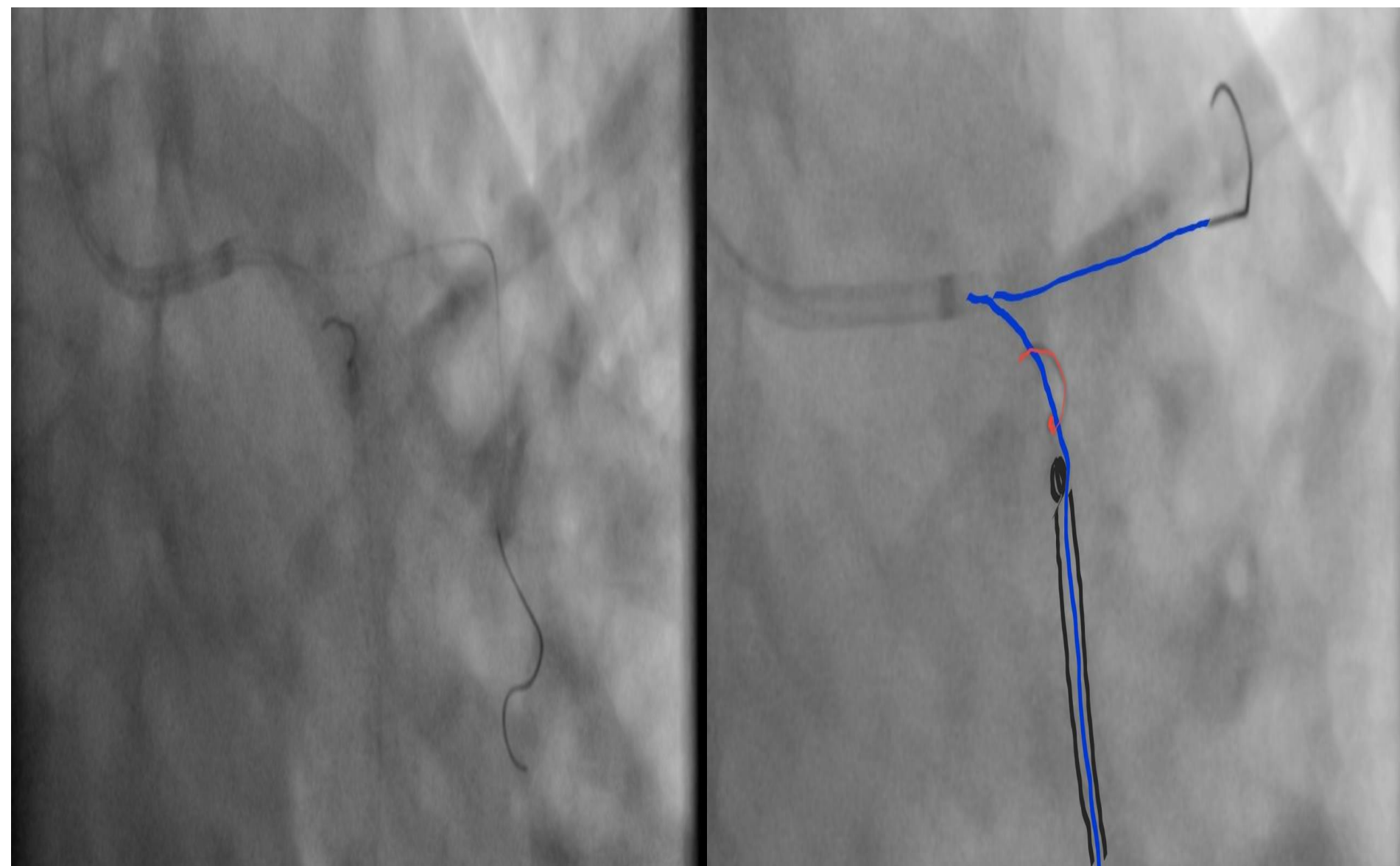
- During repeated trials of wiring aided by a Crosair 135 cm microcatheter, the distal tip of the used Pilot 50 guide wire got trapped and broken at the proximal edge of the LCX stent strut and protruding in the LMT



- CABG: SVG-OM
- LM-LCX PCI
- Retrieving trapped wire (snare or double wire technique)
- Intra coronary imaging

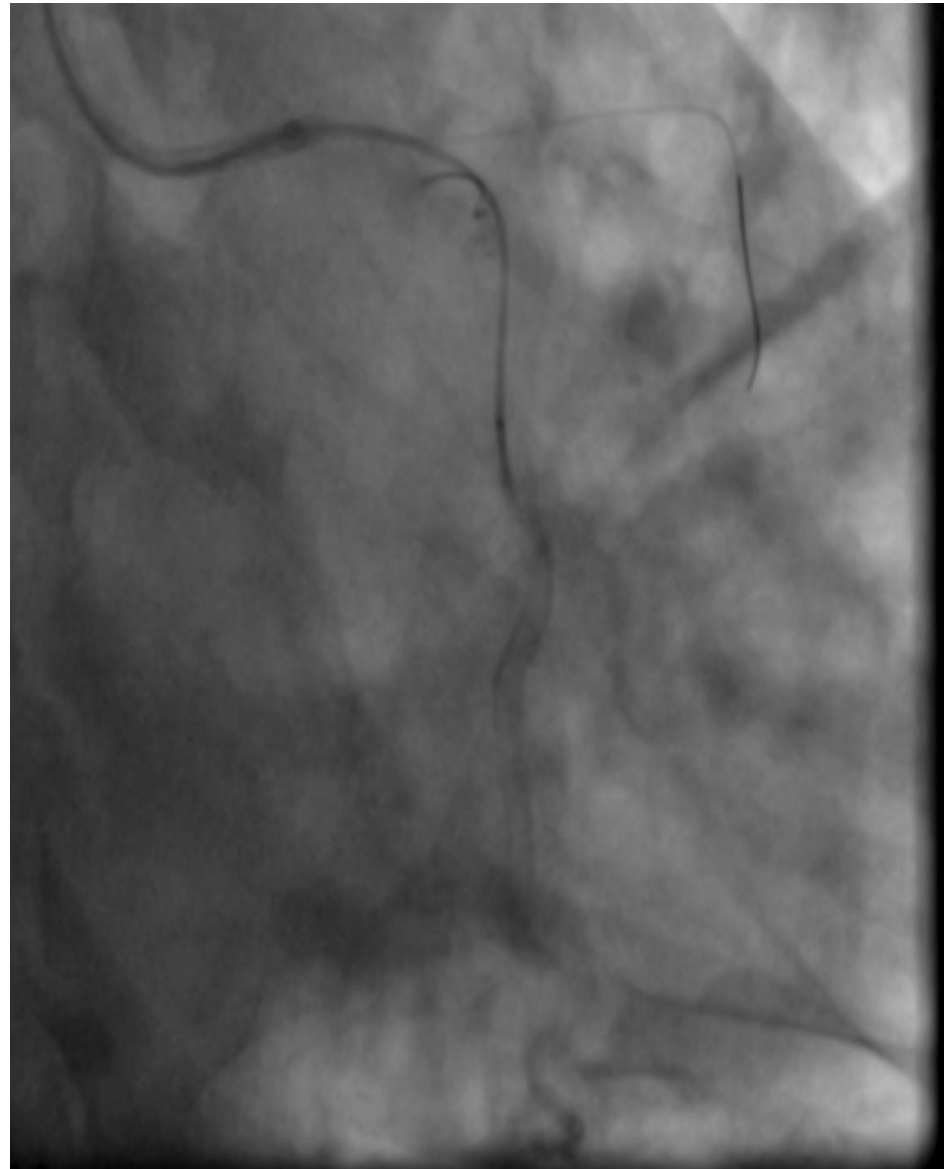


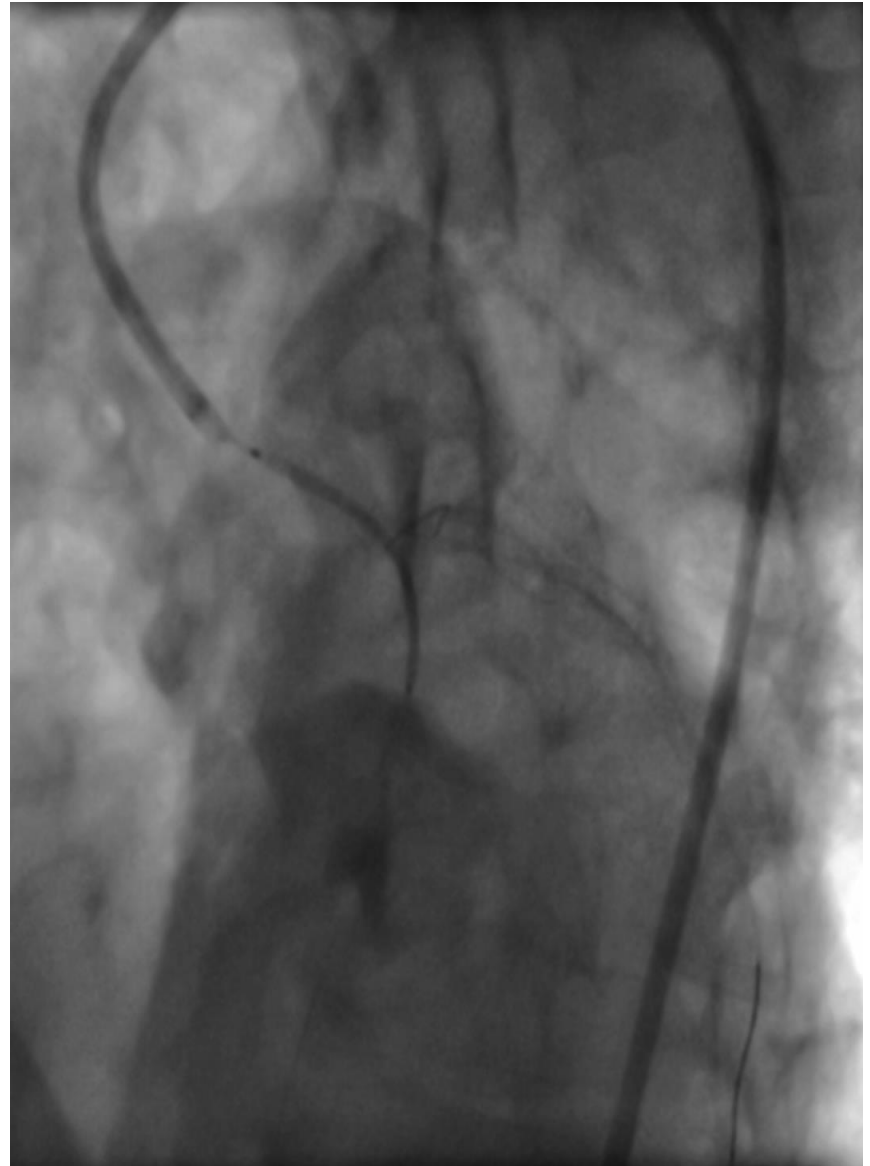






The swiss roll effect results
When partial crushing of
the stent and then moving
big gear over the crushed
segment back and forth
(Balloon, IVUS, etc..).
This results in crimping the
crushed segment into the
ostium of **its stent** blocking
it.





Take Home Message and final image

