

# Never celebrate so early

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### **Case Presentation**



76 years old male presenting by angina class III



History of previous unsuccessful trial to CTO RCA one month ago.

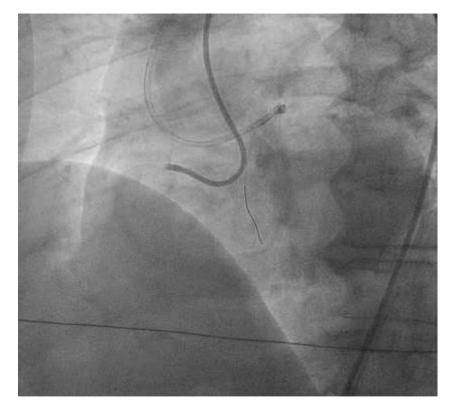


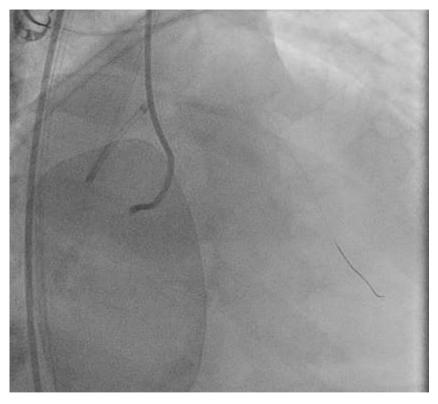
Inverted T wave II, III, aVF.



EF 50%, hypokinetic posterior wall.

#### CA

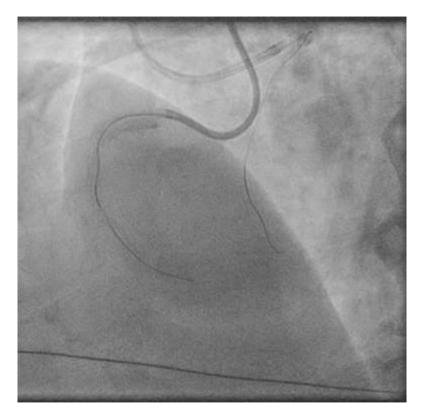




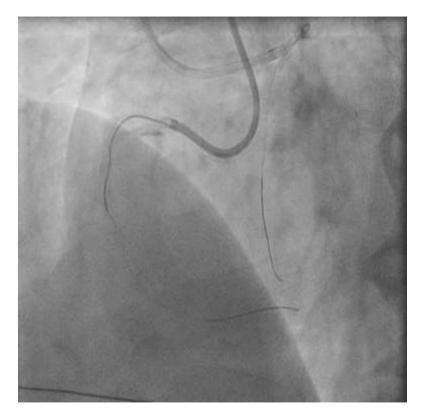
Bifemoral sheath, AL1 Guiding for RCA, XB 3.5 for LM JCTO score 2



#### Strategy



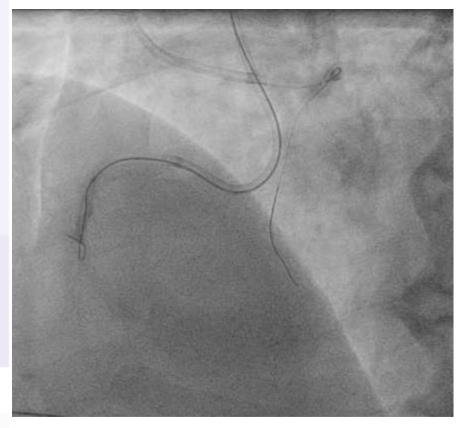
AWE Pilot 150 and MC Corsair XS



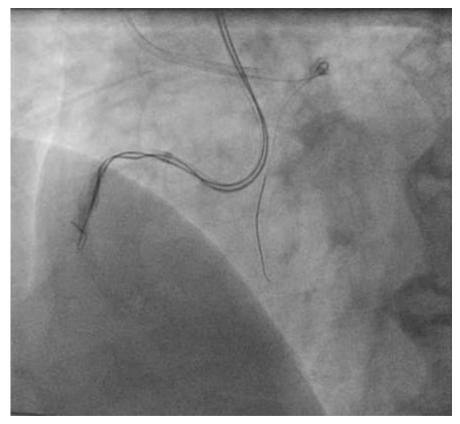
Easy job, wire passed the lesion but the MC failed to pass



#### PCI

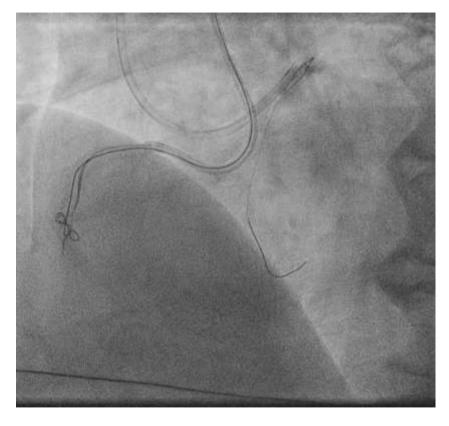


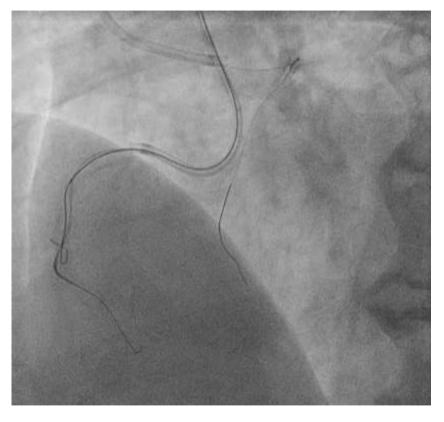
PTCA where microcatheter failed to cross but unfortunately we lost the distal wire position



Different techniques parallel wire, knuckle.

#### PCI

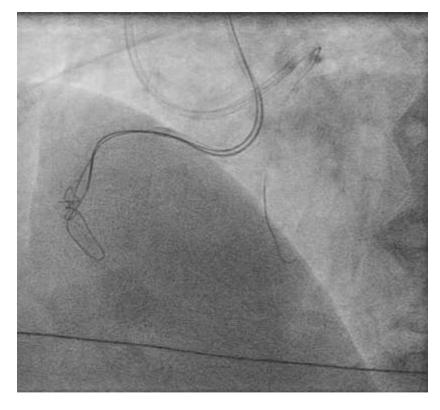


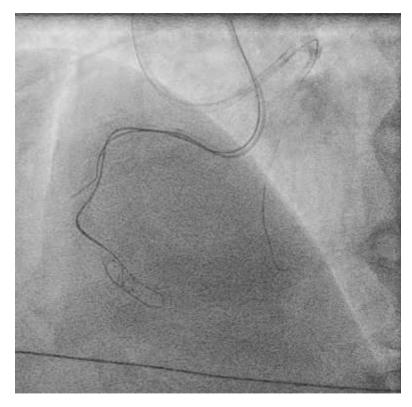


Changing MC and wires but no progress



#### PCI

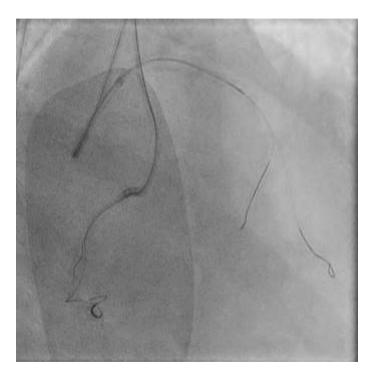


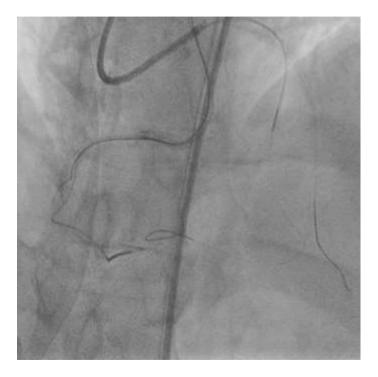


Knuckling using different wires



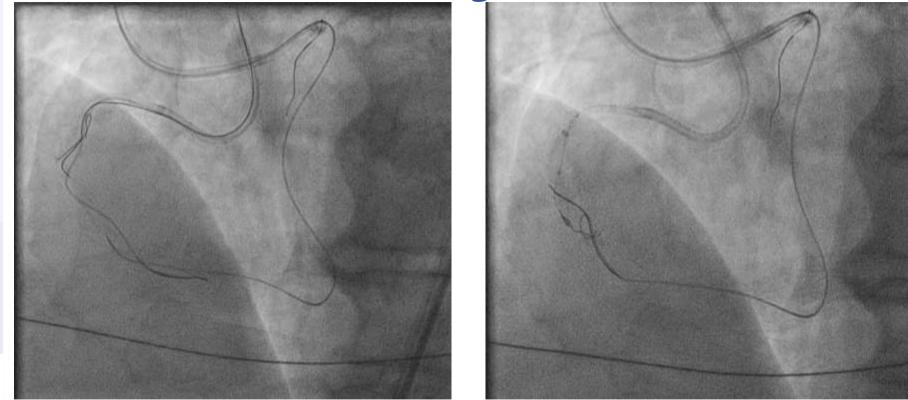
### Shift to retrograde





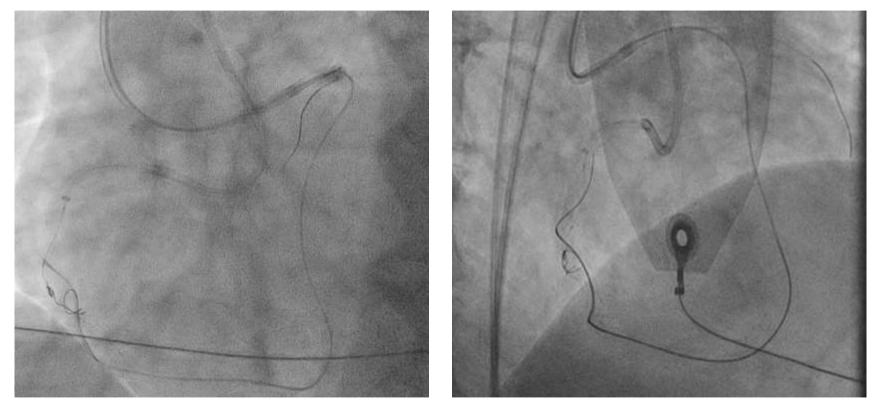


## Retrograde





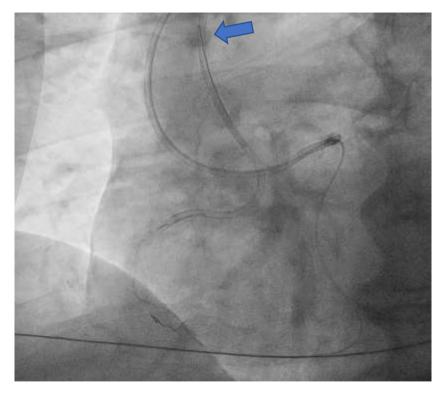
#### Retrograde

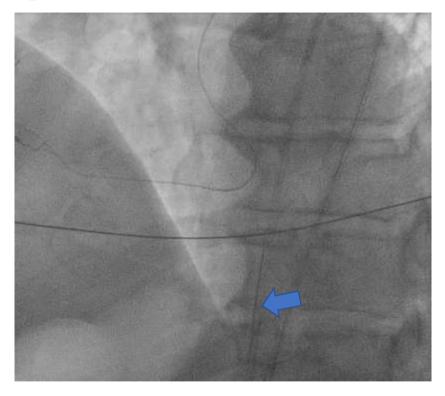


#### **Reverse CART**



### Trouble shooting started





The RG3 wire failed to move forward and there was severe resistance while trying to push until it was stucked distally in descending Aorta



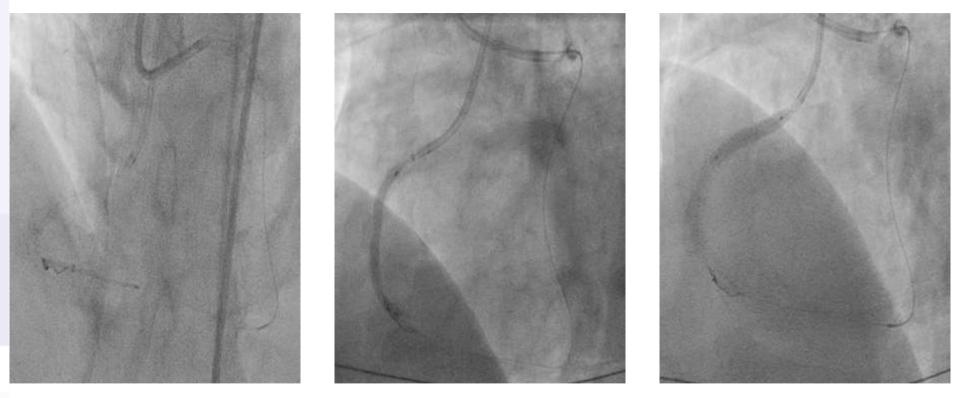
### Trouble shooting continue





While trying to manipulate the RG3 wire we lost the antegrade Gear and the RG3 still in descending Aorta and that patient had severe chest pain and collapsed. So we tried to snare it.

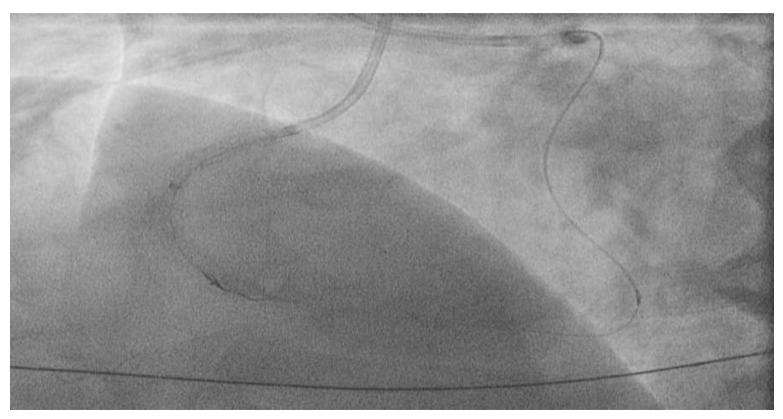




We succeeded to externalize the RG3 with the snare and we managed to cannulate RCA over the RG3 and we did PCI to RCA











#### Steps of Retrograde Chronic Total Occlusion Percutaneous Coronary Intervention

