

## "How would you treat?"

Dr. Remo Albiero Istituto Clinico San Rocco Ome (BS) - Italy



## STEMI (< 3h)

- 53 years old male
  - no coronary risk factors

- Coronary Angiography:
  - Distal LM stenosis
  - Ostial LAD trombotic subocclusion
  - No significant stenosis in RCA and LCx



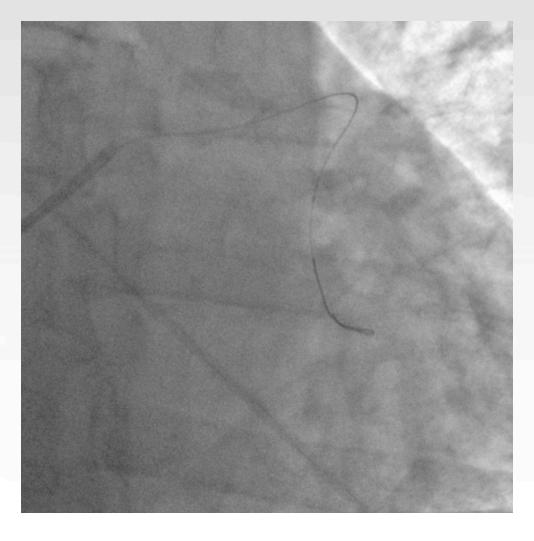
### **Baseline Angiography**





### After guidewire cross into the LAD

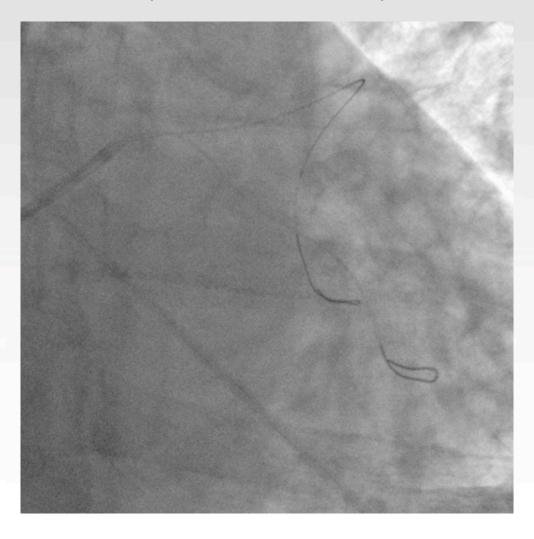
(BMW Universal II)





### After 2° guidewire cross into the LCx

(BMW Universal II)



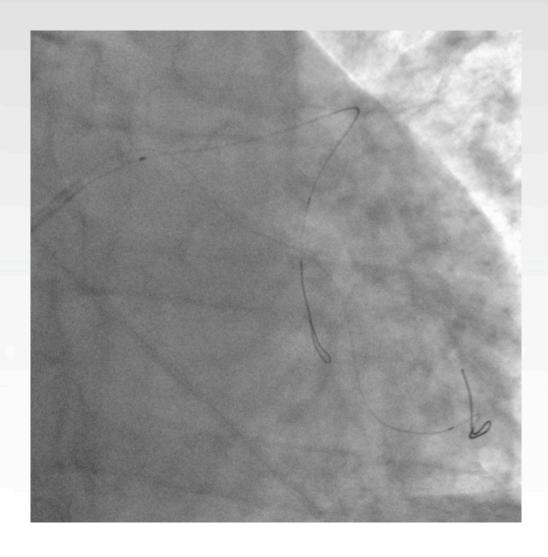


# Distal LM Stenosis & Ostial LAD Trombotic Subocclusion

How would you treat?

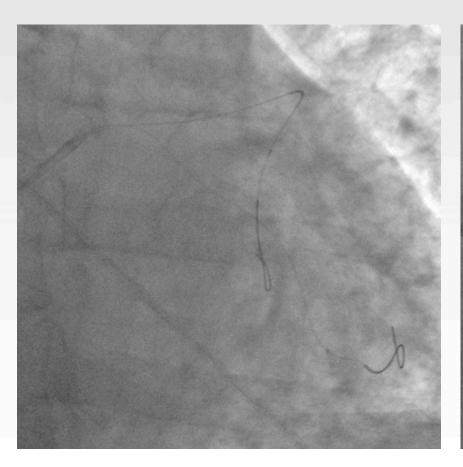


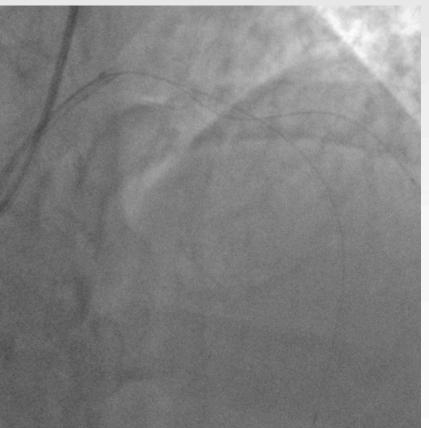
#### Thombo-Aspiration (EXPORT ADVANCE) into the LAD





### **After Thrombo-Aspiration**

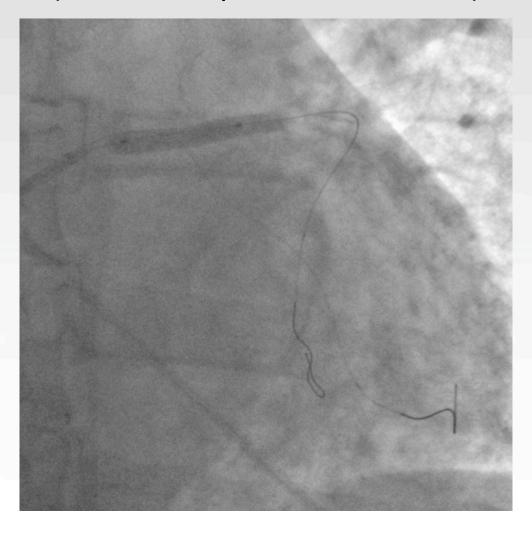






## **Direct Stenting LM->LAD**

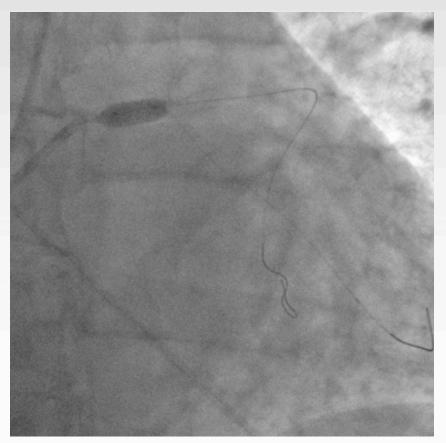
(Resolute Onyx 4.0 mm x 22 mm)

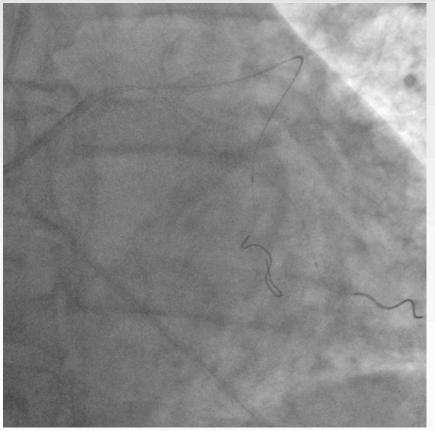




## **POT**NC TREK **5.0** mm x 8 mm

#### **After POT**





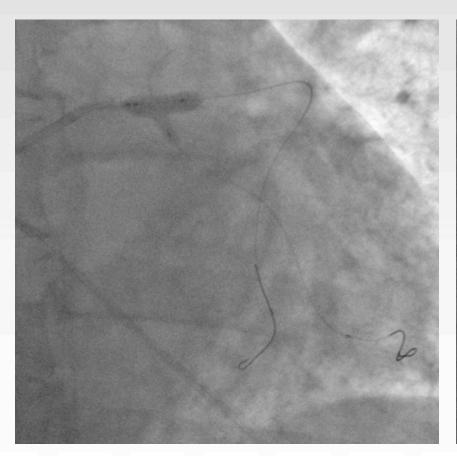
By visual estimation: LCx diameter = 3.0-3.5 mm

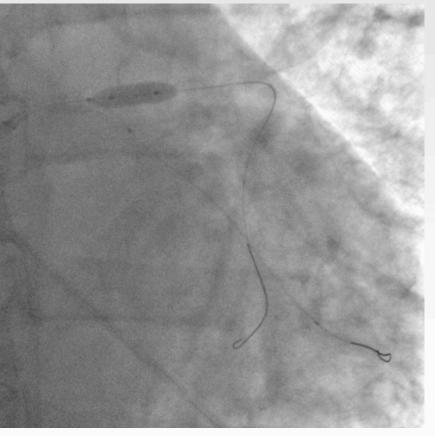


**1° KBI** @18 atm (NC Emerge **4.5**x12 & **3.0**x12 mm)

## LAD postdilation

@18 atm

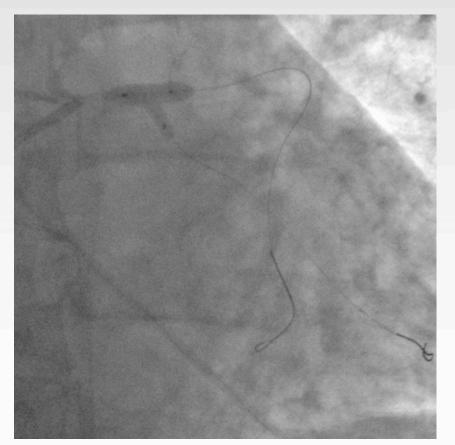






**2° KBI** @ 20 atm (NC Emerge **4.5**x12 & **3.0**x12 mm)

**3° KBI** @20 atm (NC Emerge **4.5**x12 & **3.5**x12 mm)



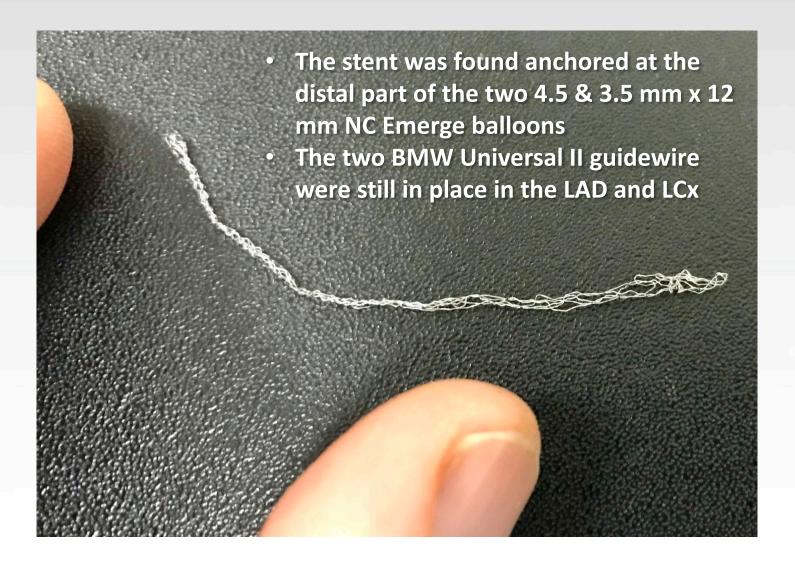


The 2 balloons were simultaneously removed with some resistance

(as expected using 2 large, NC ballons)

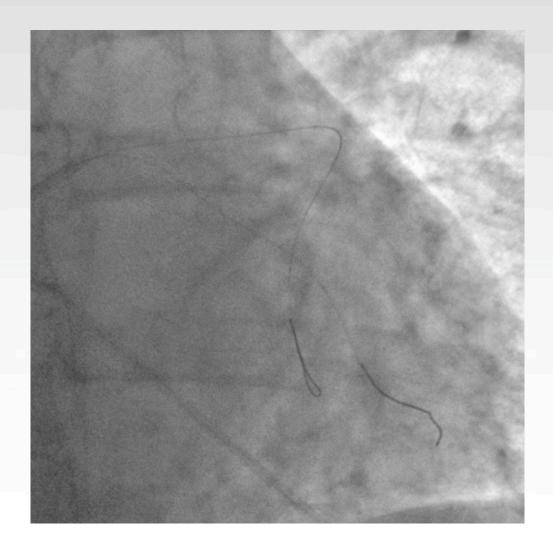


## The Stent was Accidentally Removed





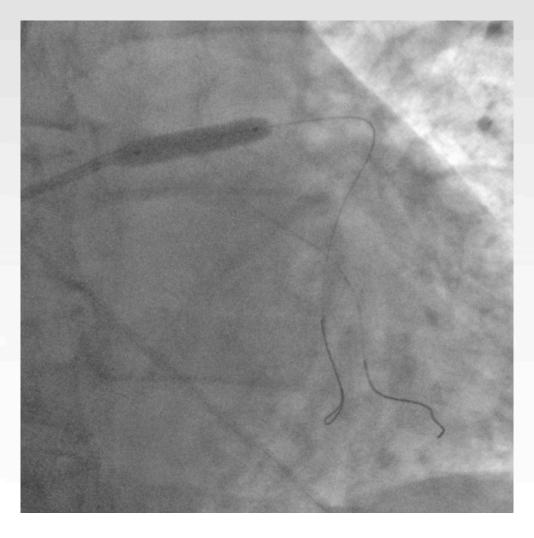
## No stent shadow





### **New Direct Stenting**

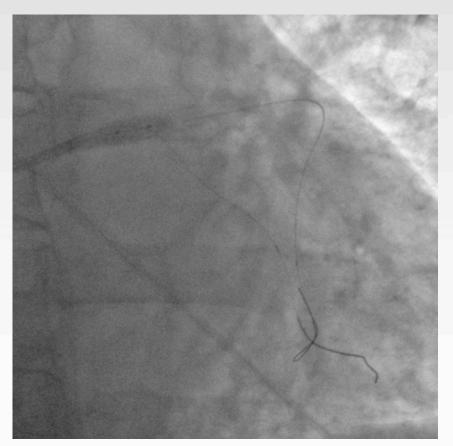
Resolute Onyx 4.5 mm x 22 mm @ 16 atm





## Final POT NC TREK **5.0** mm x 8 mm @ 20 atm

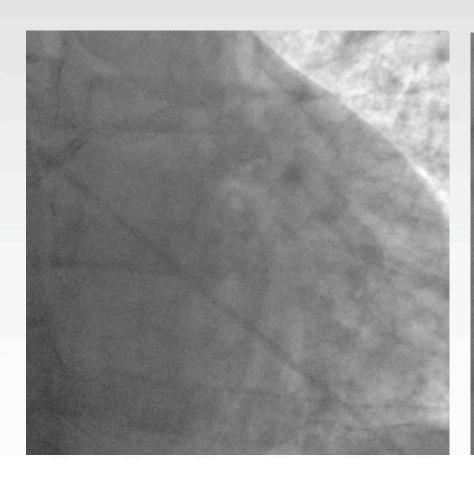
## Safe SB guidewire removal

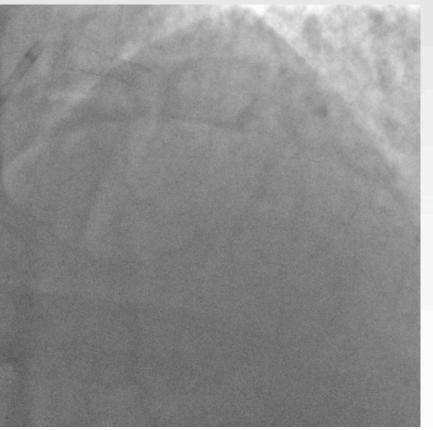






## **Final Result**







## Backup slide



## 6-month Follow-up

