# PERCUTANEOUS CORONARY INTERVENTION IN DIABETIC PATIENTS

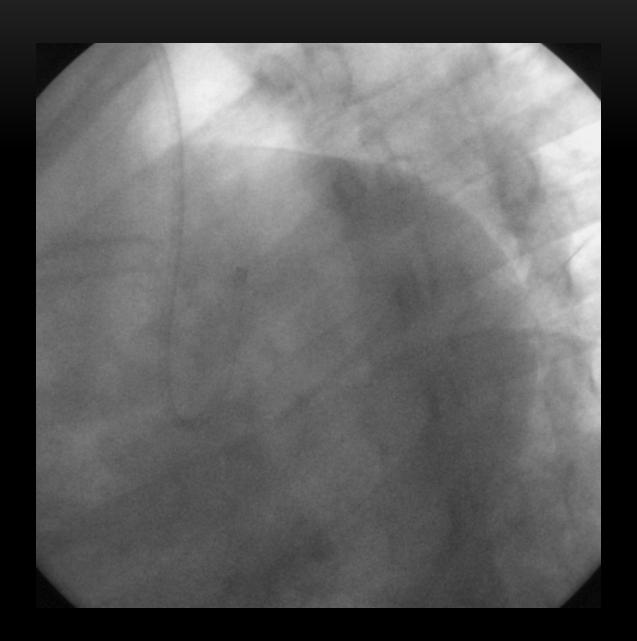
DR KW KOH

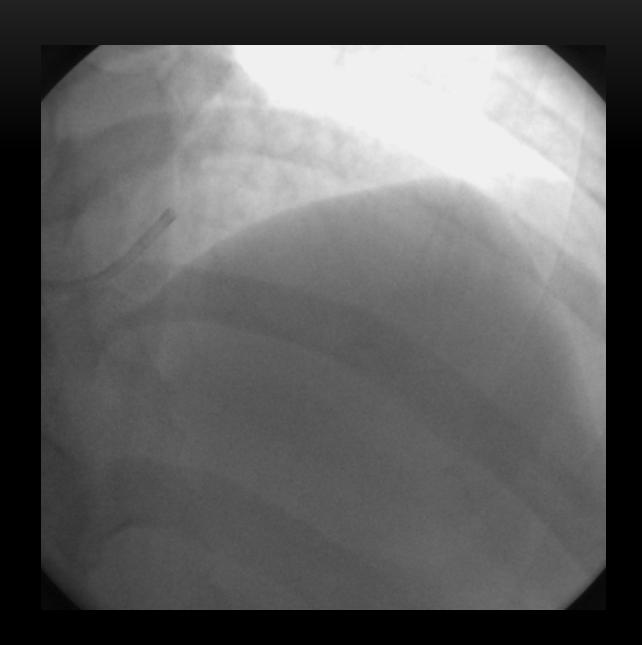


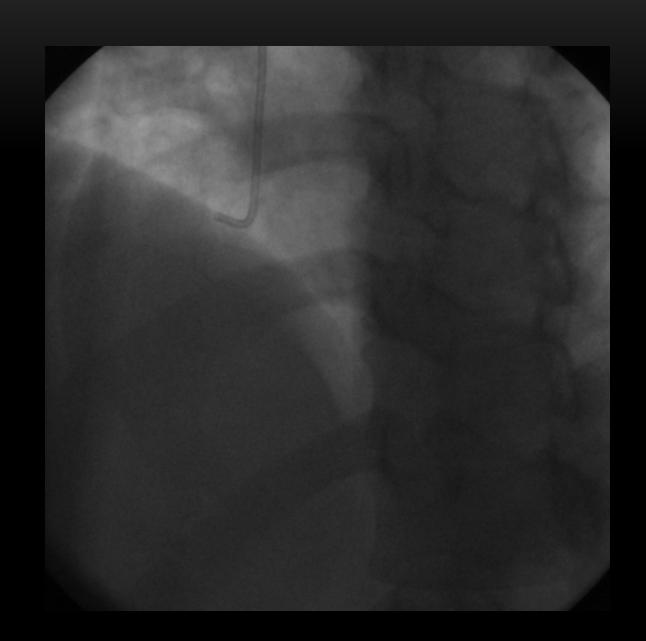
#### CASE SCENARIO

- 40 year old lady
- Hypertension, Hyperlipidemia
- Newly-diagnosed DM, HbA1c 9.3%
- Mild renal impairment, Creat 151
- Diagnosed Anterior MI in local hospital June 2003
- Referred to IJN on July 2003
- CCS class III
- Agreed for coronary angiogram

# C. Angiogram (14 July 2003)







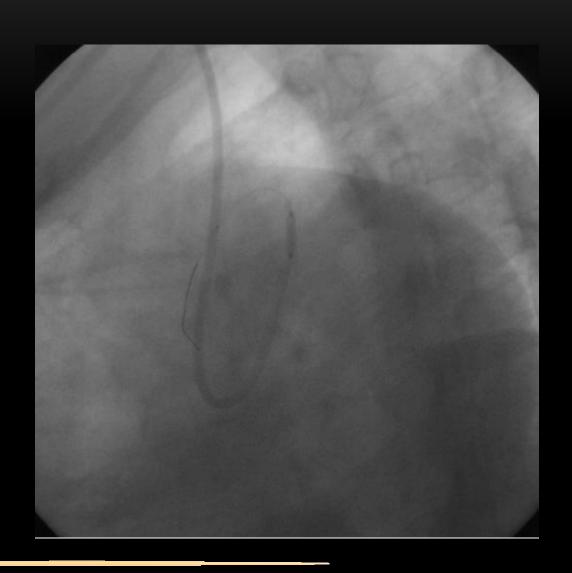
## PCI to LAD

XB 3.0, 6FR

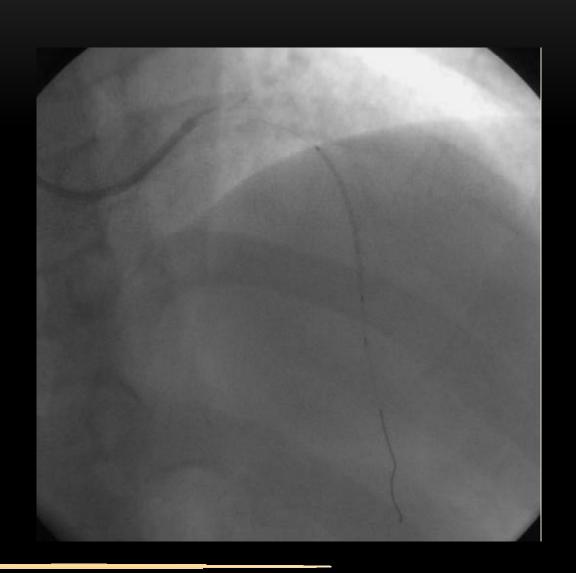
BMW wire

Predilatation with Cutting balloon 2.25/15mm at 8 ATM





TAXUS 2.75/32mm (mid LAD), deployed at 9 ATM



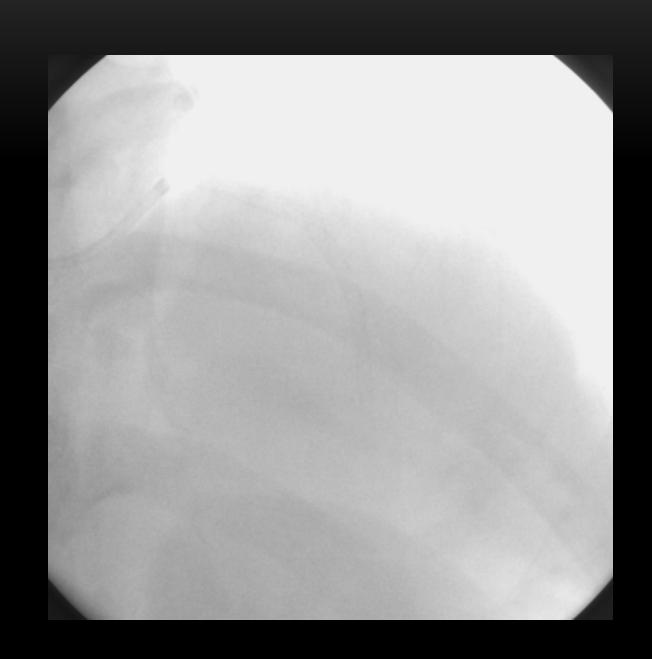


TAXUS 3.0/28mm (prox LAD), deployed at 14 ATM





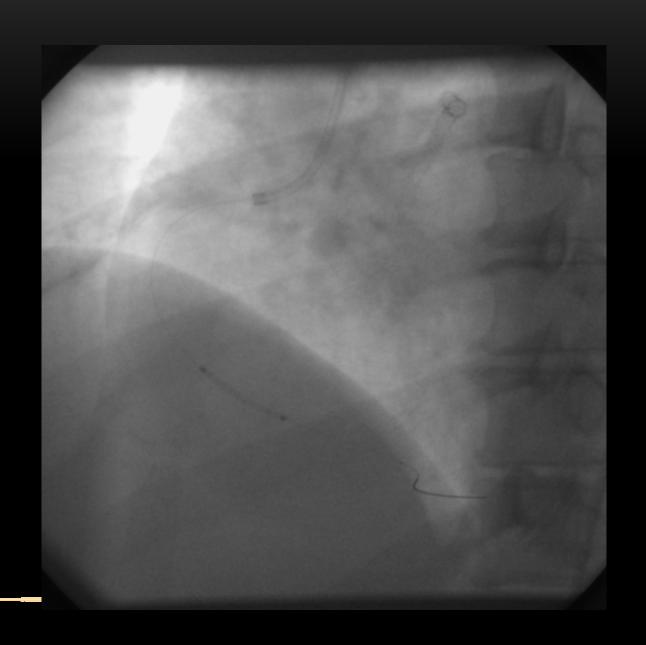




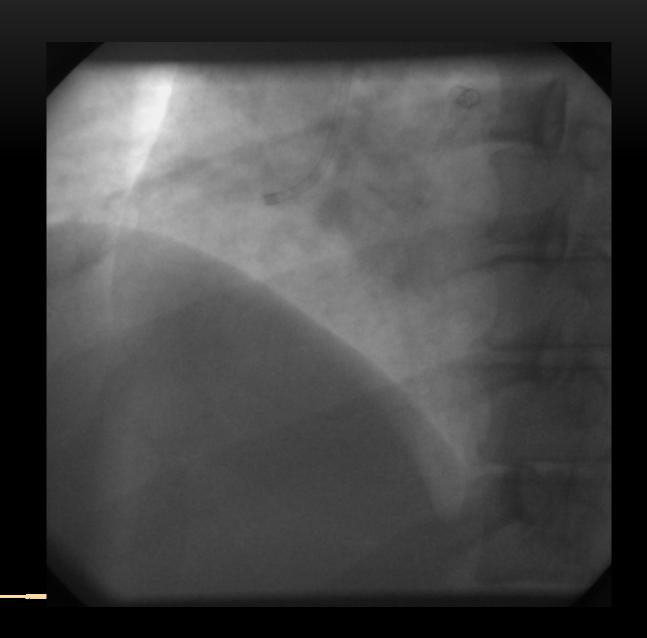
## PCI TO RCA

JR 3.5, 6FR Guide BMW wire

Direct stenting with JOSTENT FLEXMASTER 2.5/19mm, deployed at 18 ATM



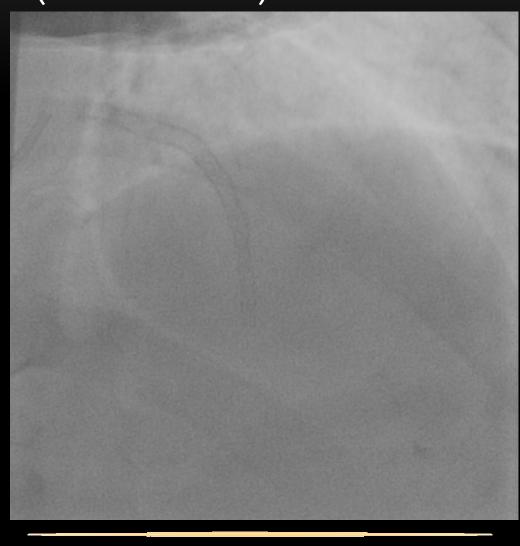




#### 07 NOV 2012

- Patient was well until 9 years later
- NSTEMI
- Inferolateral ischemia
- Creatinine 223
- TC 3.1, TG 1.8, HDL 0.9, LDL 1.6
- HbA1c 8.1%

# C.Angiogram (26 Nov 2012)



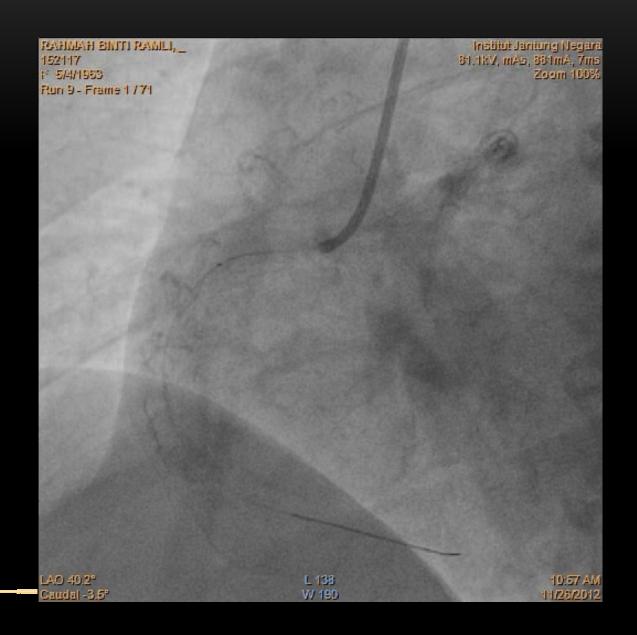




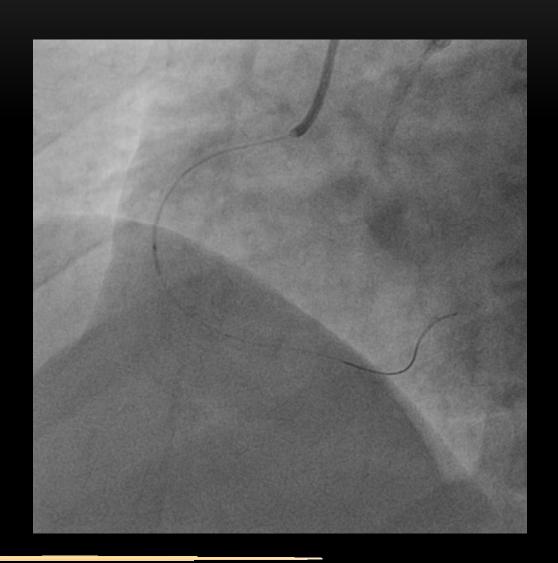
### PCI TO RCA

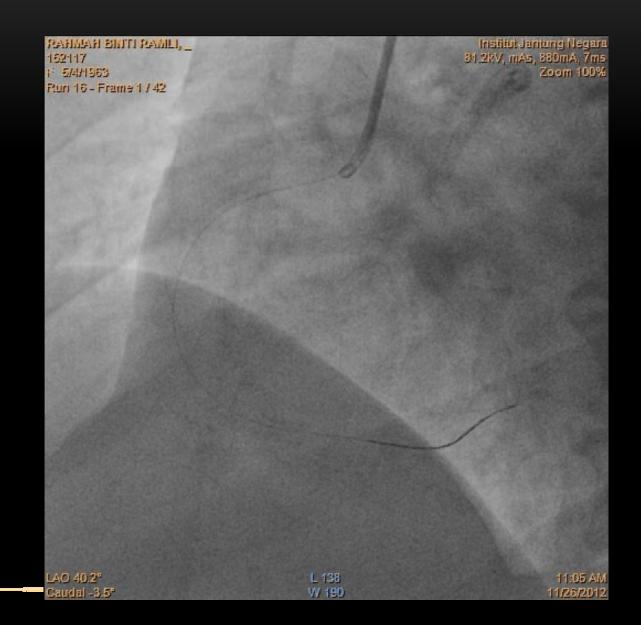
Choice PT EXTRA SUPPORT wire with balloon support (wire failed to cross)

Progress 40 successfully crossed CTO

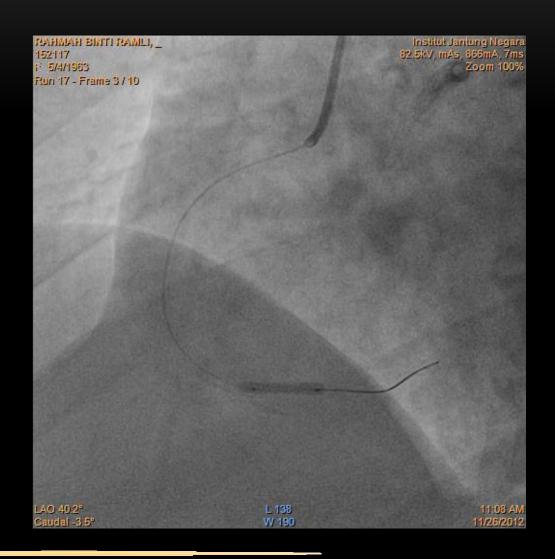


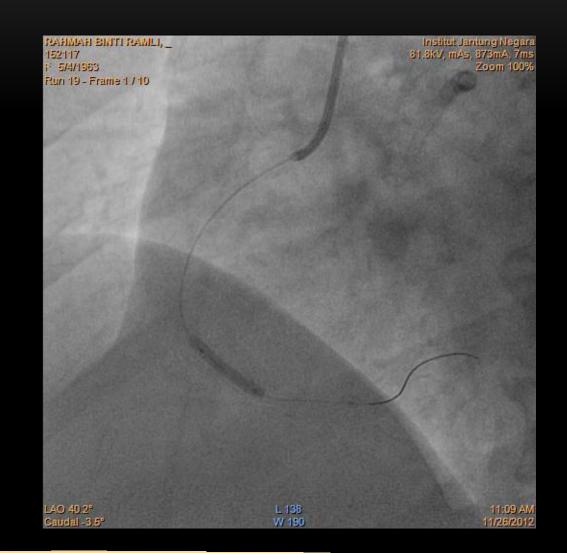
Predilatation with MINITREK 1.2/12mm at 18 ATM

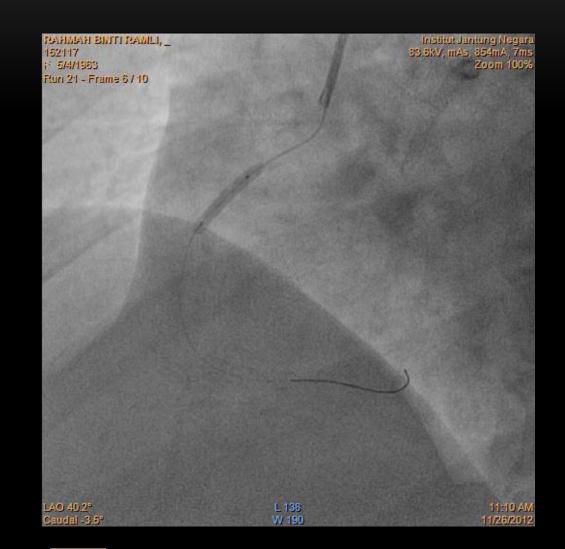




Predilatation with SPRINTER LEGEND 2.5/15mm, from distal to ostial RCA

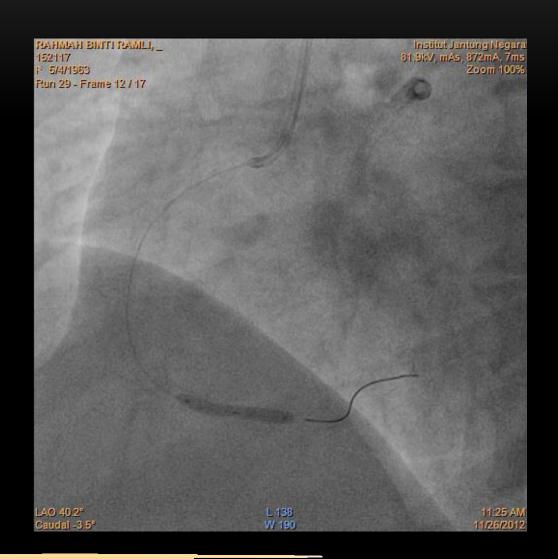


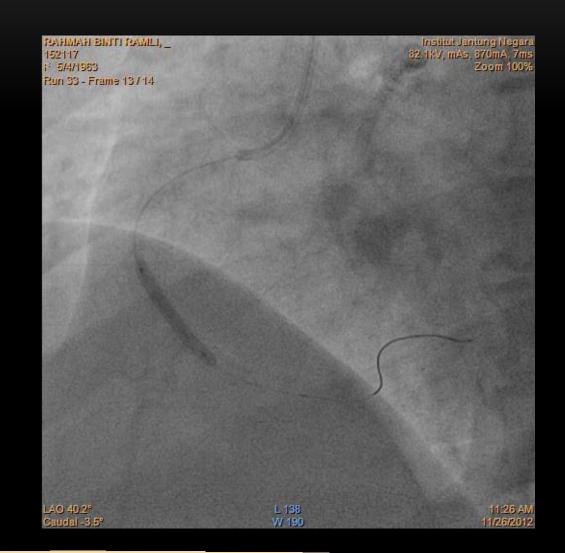


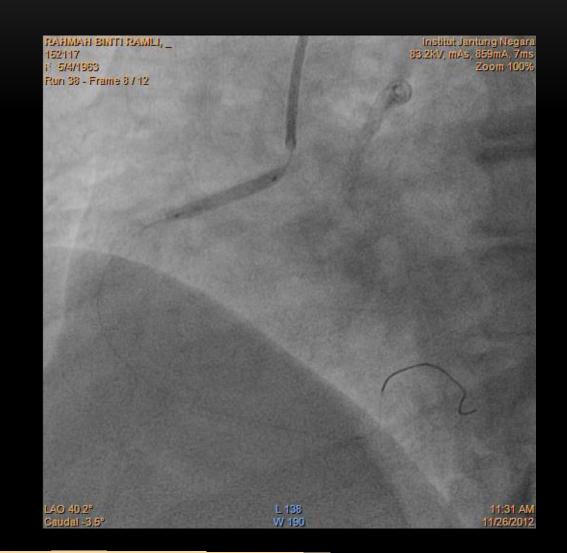


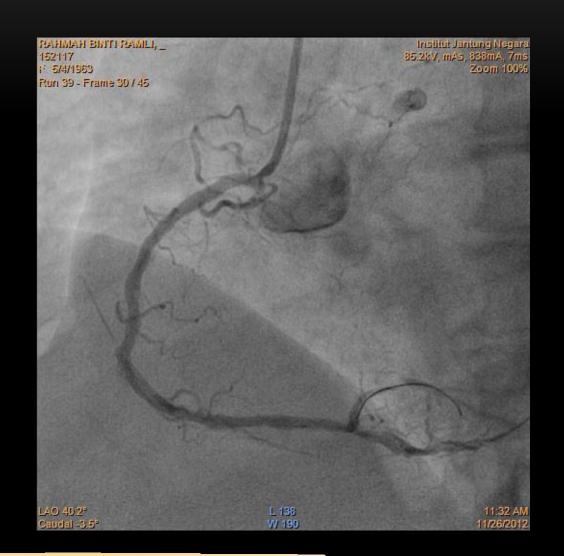


NC SPRINTER 3.0/21mm at 16 – 18 ATM





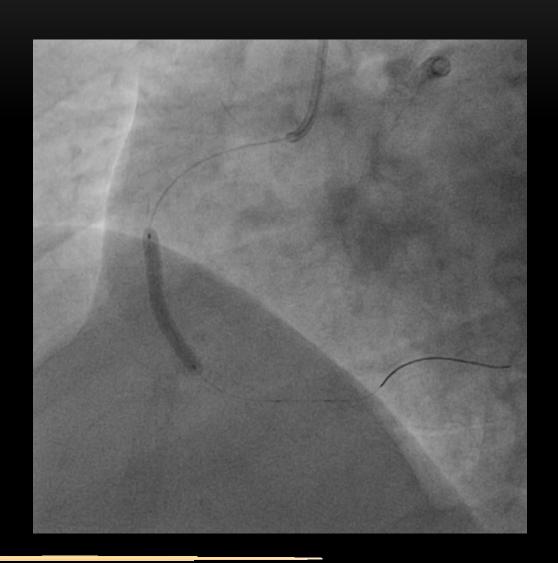




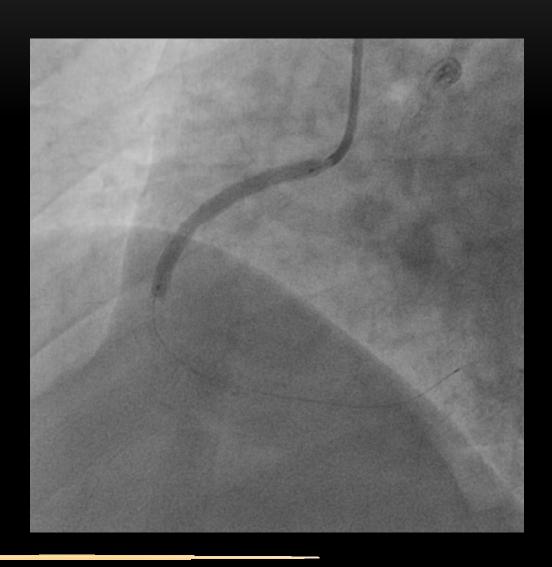
DEB with DIOR 3.0/20mm at 16 ATM at previous stent



Stented with XIENCE PRIME 3.0/28mm at 16 ATM, overlapping with distal stent

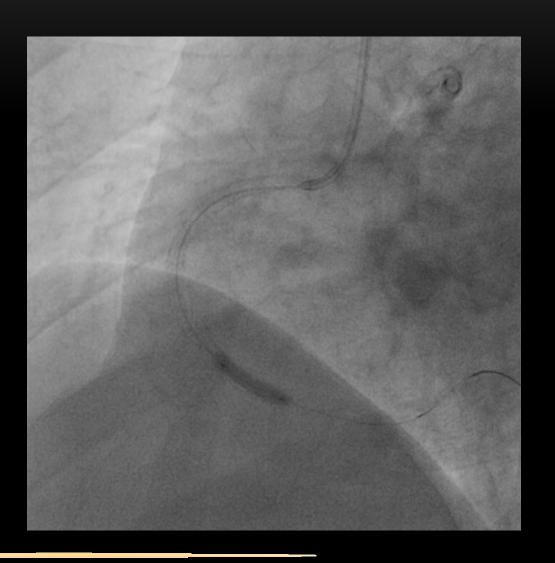


Stented with RESOLUTE INTERGRITY 3.5/38mm at 12 ATM from mid to ostial RCA



Post-dilatation with

SPRINTER NC 3.5/15mm from distal to ostial RCA



Ostial RCA flared at 20 ATM

