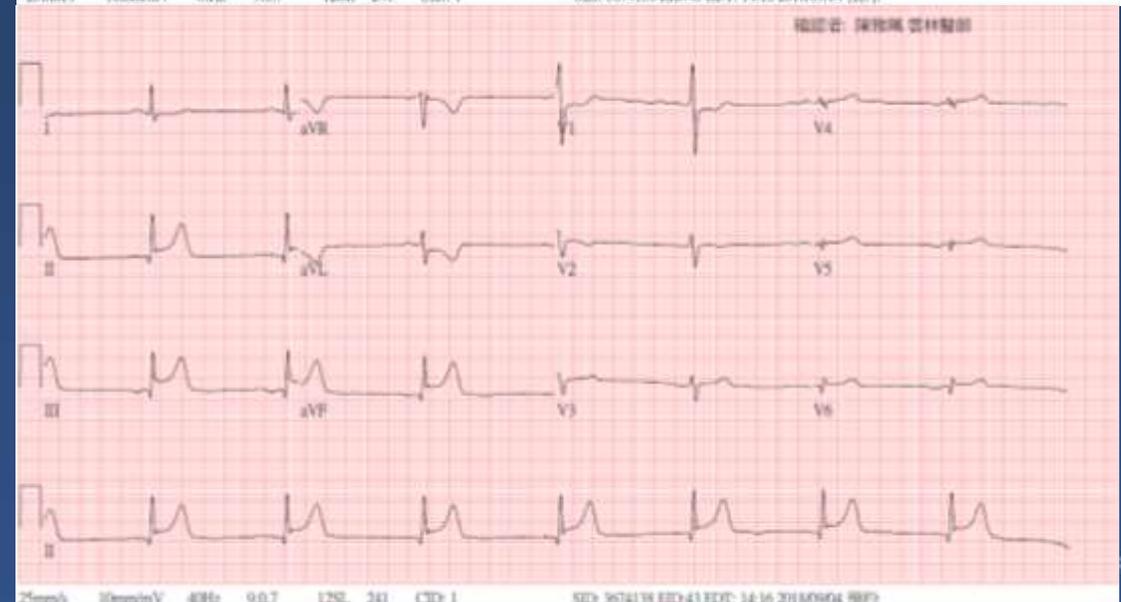
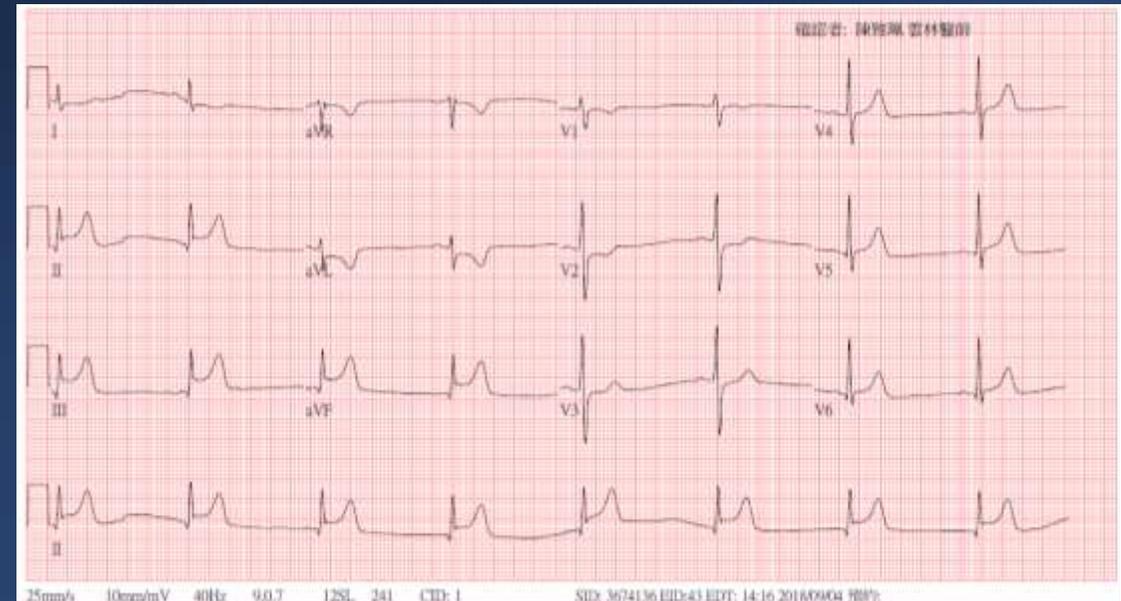


Provisional-T or 2 stent technique in STEMI patient

Chang-Hua Christian hospital, Taiwan
Chien Szu-Chi, M.D.

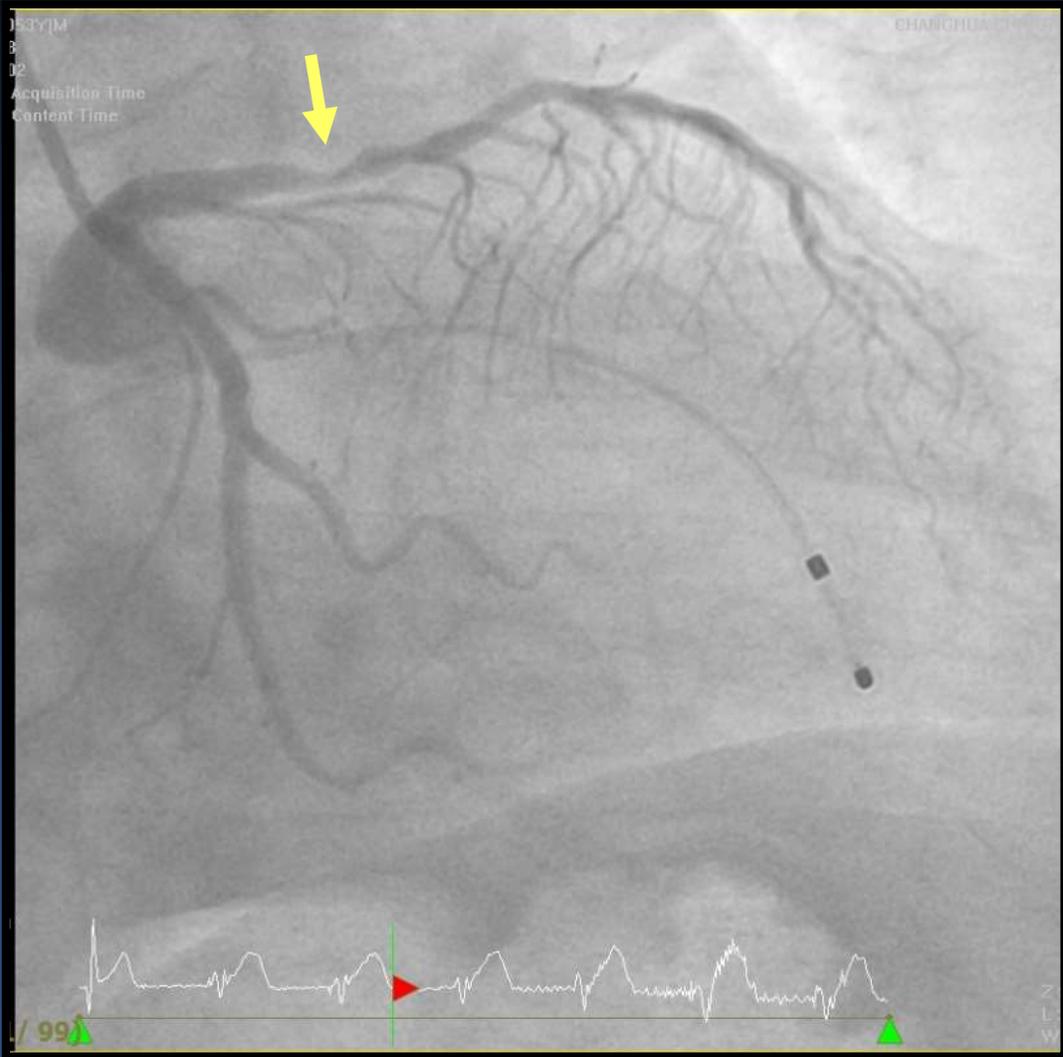
Patient basic characteristics

- 54 y/o Mr. Chang, market sales man
- 1st admission date on 2018/9/2
- C.C. : chest tightness with cold sweating for 3 hrs
- Vital signs :
 - BP:150/80mmHg, HR:46 bpm
- CV risks:
 - HTN, Type 2 DM without adequate control
 - Hyperlipidemia
 - Smoking: 20 yrs (3ppd)



Diagnostic angiogram (Left)

RAO/CAU

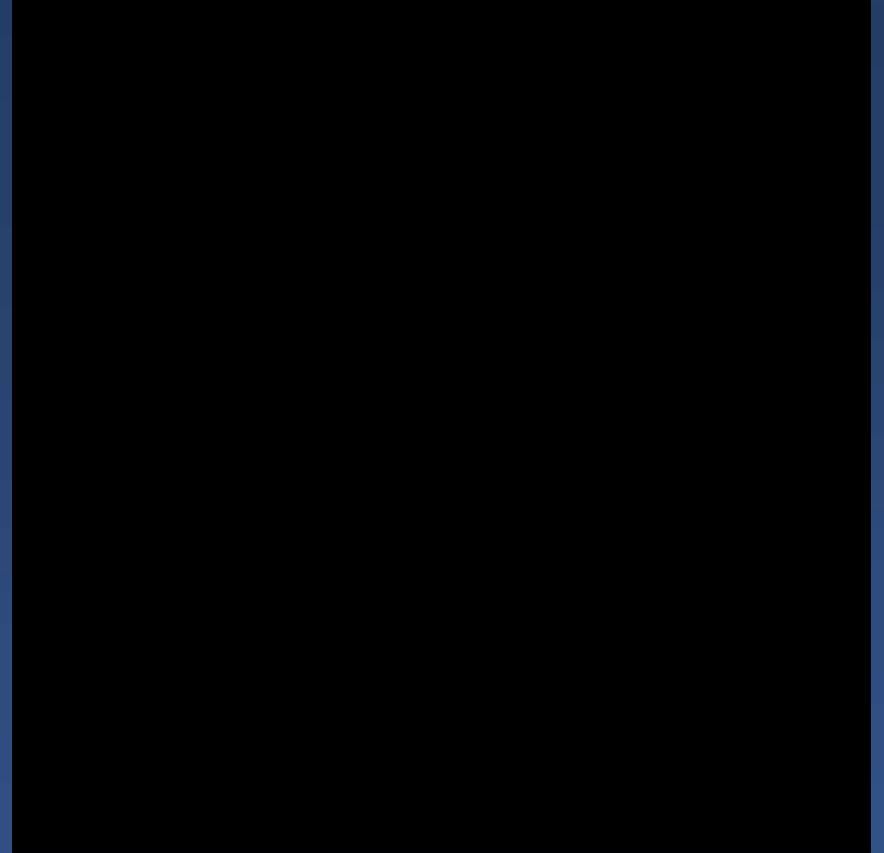


LAO/CAU

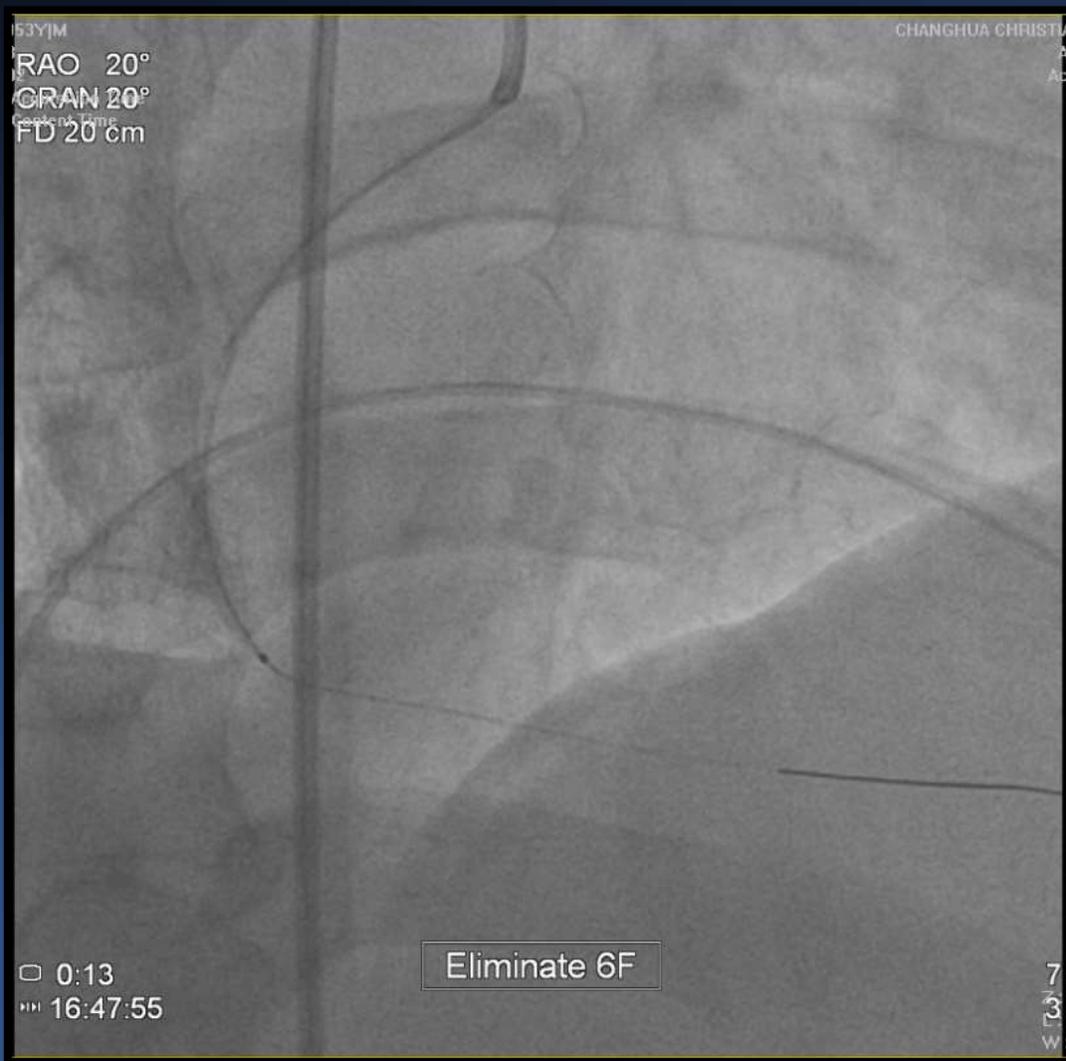


Strategy

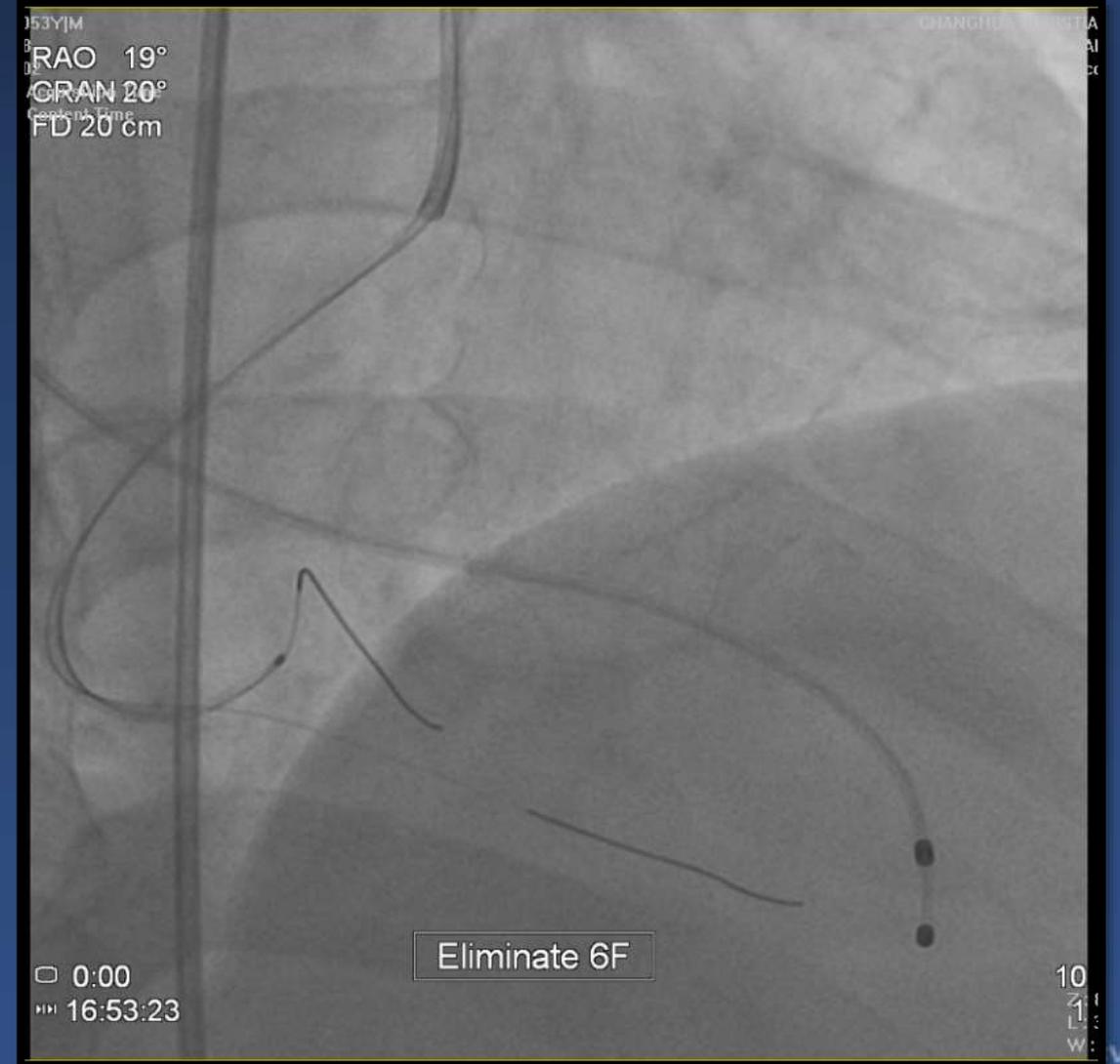
- DAPT + heparin loading as GDMT
- Temporary pacemaker insertion for HR support
- Workhorse wire for distal RCA
- Thromboaspiration, then stenting



Thrombosuction



Several times thrombosuction



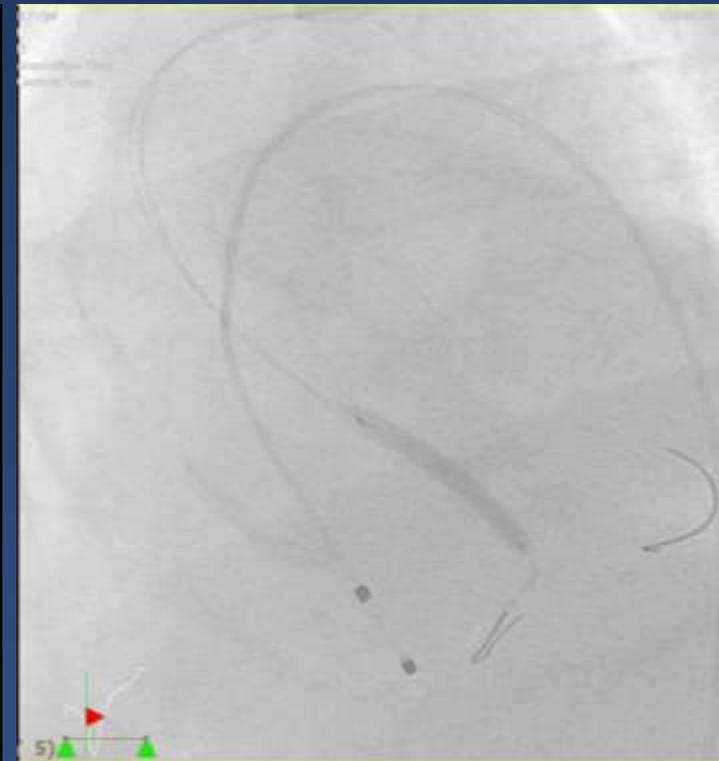
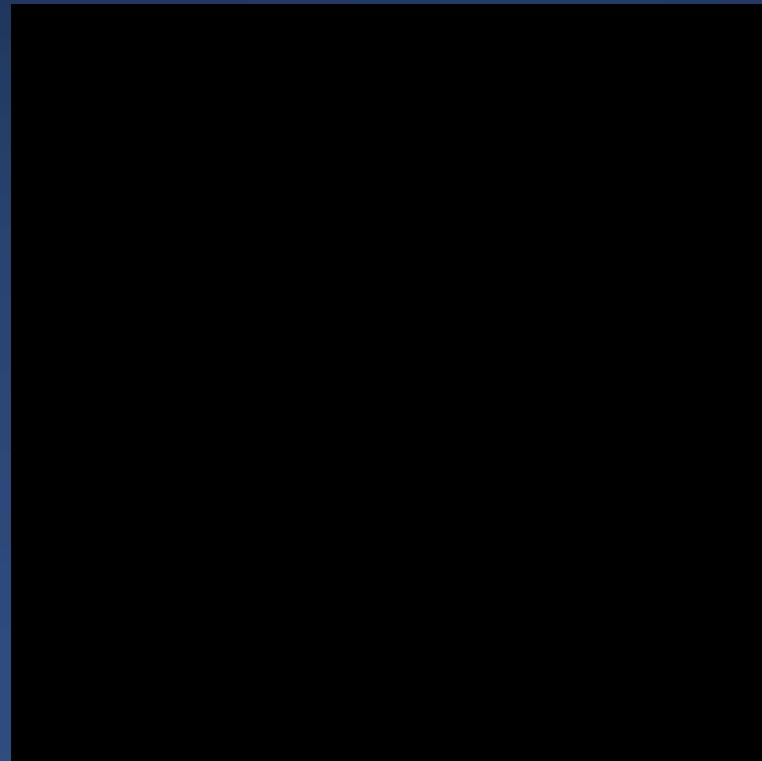


WHAT WOULD YOU DO NEXT??

Bifurcation stenting with Mini-crush technique

Xience 2.75/15mm for PL

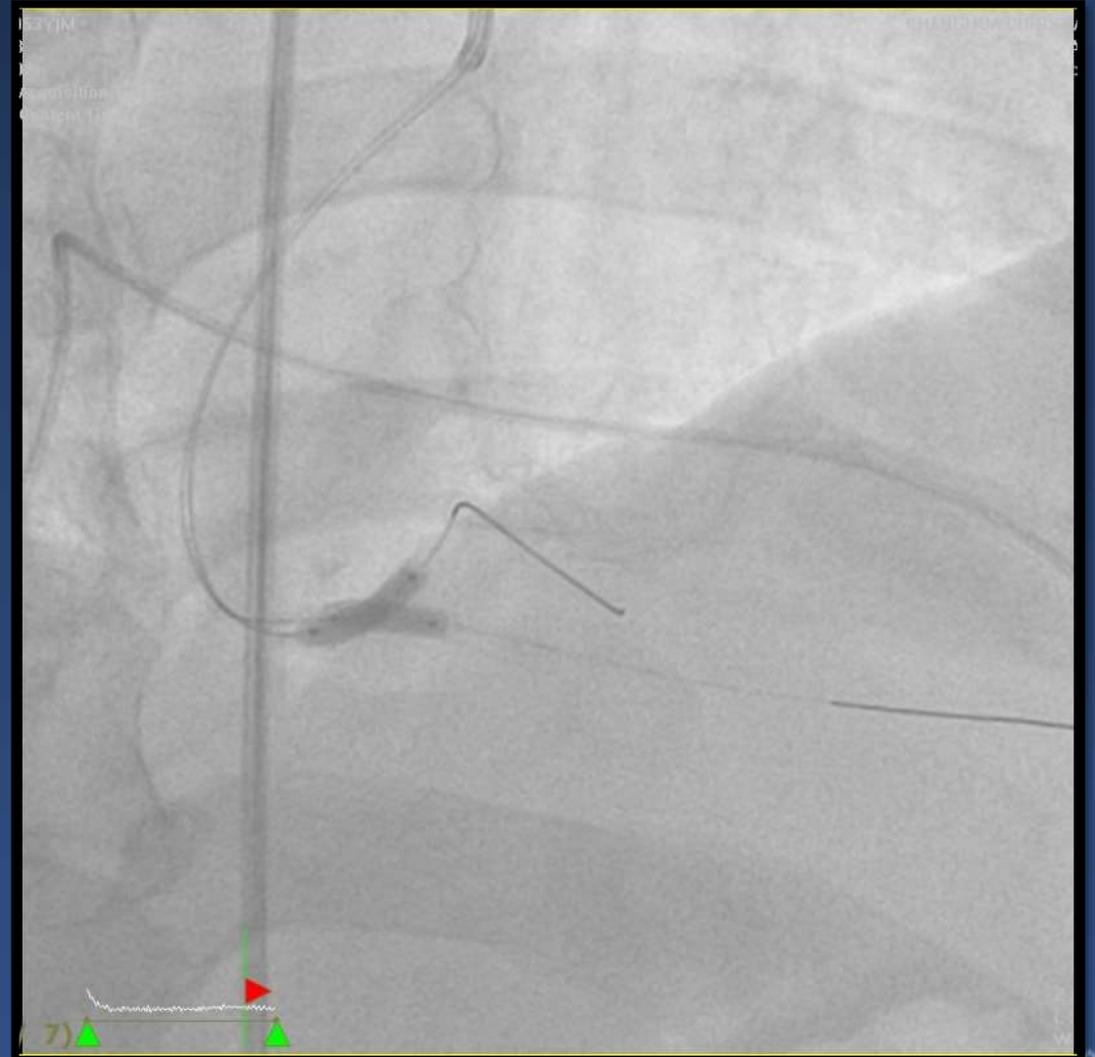
Xience 2.75/33mm for PDA



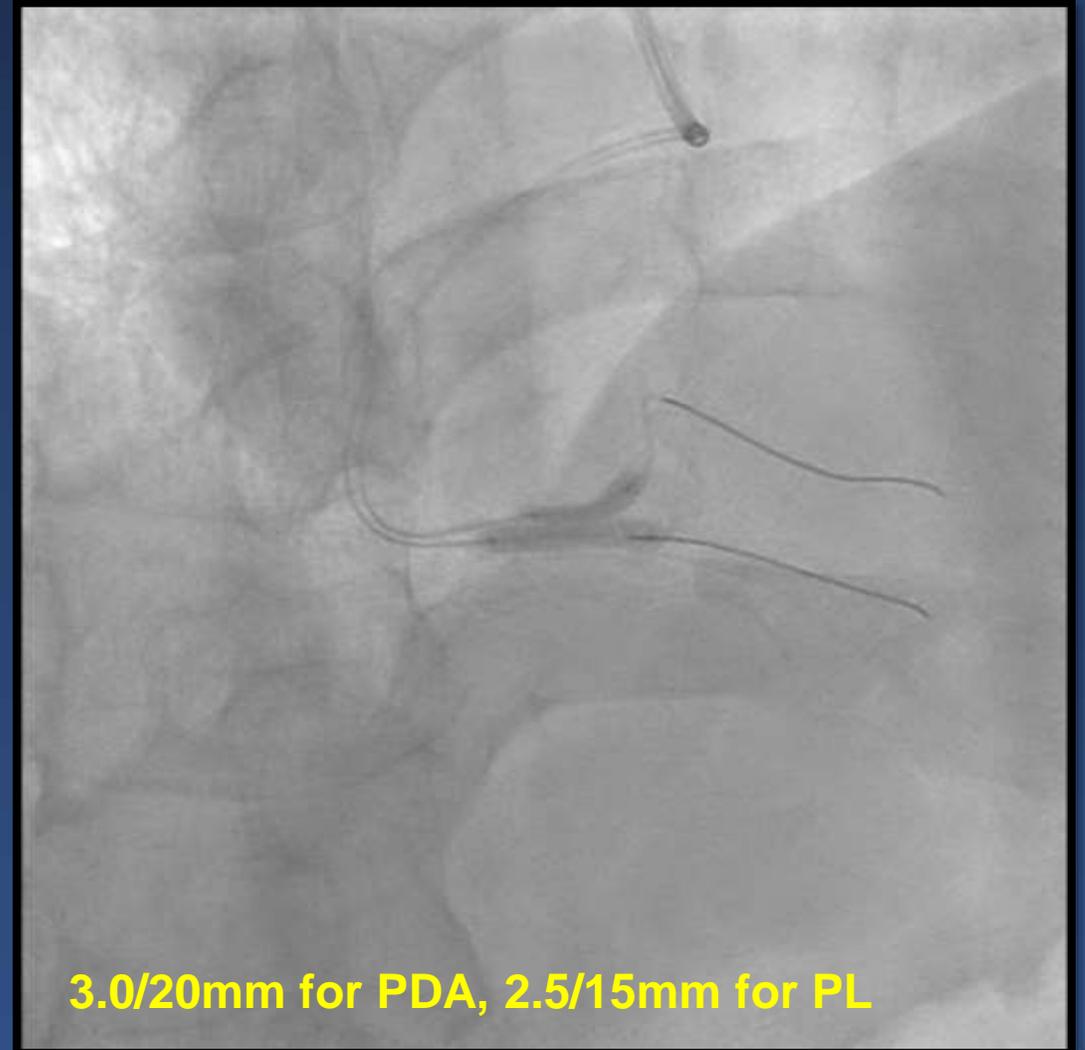
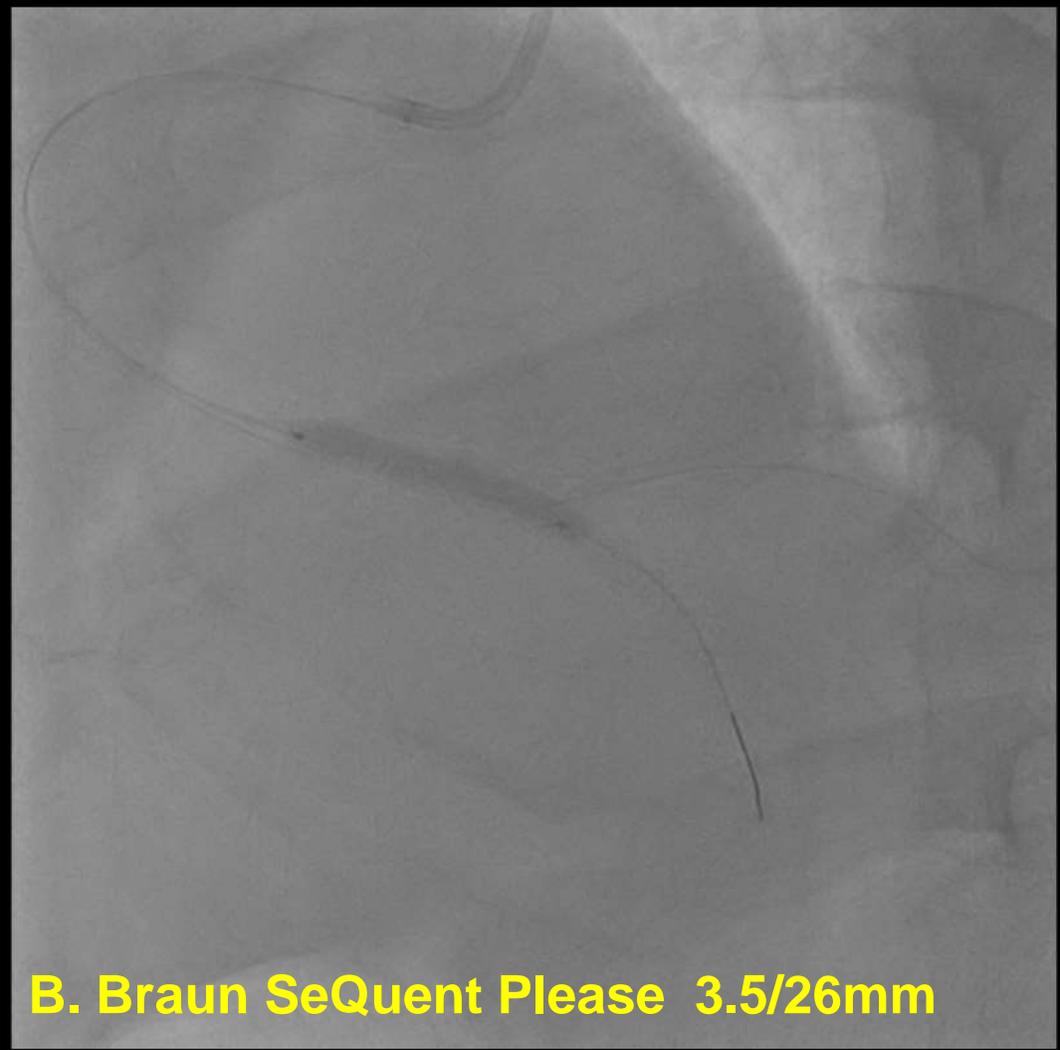
POT and Rewire



KBT (NC euphora 3.0/12mm for PDA ,Stent balloon 2.75/15mm for PL)



POBA+DCB and Kissing balloon



Angiogram

IVUS



Strongly advise...

- Quit smoking**still smokes**
- Regular medications use**sometimes forgot**
 - Especially DAPT(Asp.+ ticagrelor), DM and hyperlipidemia
- Lifestyle modifications**of course no change**
 - Diet control
 - Exercise
 - Do not stay up late

Discussion Points

- What's the better strategy for bifurcation lesion management in STEMI patient or thrombus contained lesion?



- ✓ Bifurcation of two large vessels
- ✓ Side branch jail
- ✓ Distal embolization
- ✓ Time cost

Conclusion/Take-home Message

- IVUS images for coronary hazziness and undilated picture evaluations are useful.
- 2 stent strategy for AMI patient may not took more time , if choosing the strategy well initially.
- It could also decrease the rate of side branch jail and distal embolization.