# Unexpected aftercare caused by the simple stent technique 

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## Case. 60's Male

- One year ago, he had been implanted one Resolute Integrity stent from LMT to proximal LAD without POT or final kissing balloon dilatation (FKBD). The whole procedure was completed successfully.
- But recently, the chest discomfort and arrhythmia on exertion started to appear, therefore, we made an appointment of CAG as to follow-up this patient.


## $1^{\text {st }}$ PCI more than one year ago



One year later, new stenosis appeared on LCX ostium where there was no sign of it duringt first PCI.

- Indeed, it remains mystery if these new stenosis could have prevented if I added POT or FKBD during the first treatment.
- What important is, we always need to be ready to respond to various cases of long-term outcomes.
- But, still some questions arise.


# For second time PCI, I used DCB to treat restenosis of distal EES. 



## OCT findings proximal LAD~LMT



## Pre



LCX


This is the image that I sent to Dr. Okamura at Yamaguchi University and asked him to reconstruct it from the OCT data taken after the procedure.


## GW recrossing with Crusade cath.



## Wiring to LCx



# Pre KBD with high pressure 

Which method is better?



## Resolute Integrity Stent View

### 2014.12.13 JCR 2014 Case Based Learning <br> Three times inflation



## POT with Ф3.5mm HP Bal.



## Recrossing point



## FKBD with high pressure



## Final images



LAD-LMT


From this image, I found out that localized incomplete apposition occurred between 2 stents that are overlapped one another.

## Conclusion

- Heterogeneous neointimal hyperplasia around SB ostium will become the new problem.
- Is this phenomenon accidental or is it inevitable?
- LCx ostium stills stands in our way.
- We usually focus on the outside strut malapposition, but we have to be careful about the carina side struts overlapping. It is unavoidable phenomenon at sharp curve.

