



# The Challenge Of Stent Dislodgment

My novel approach

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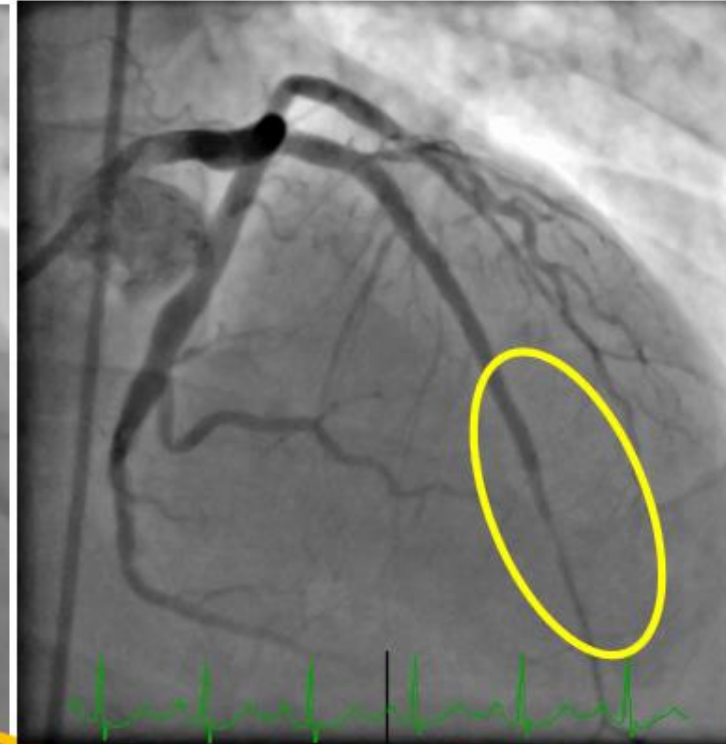
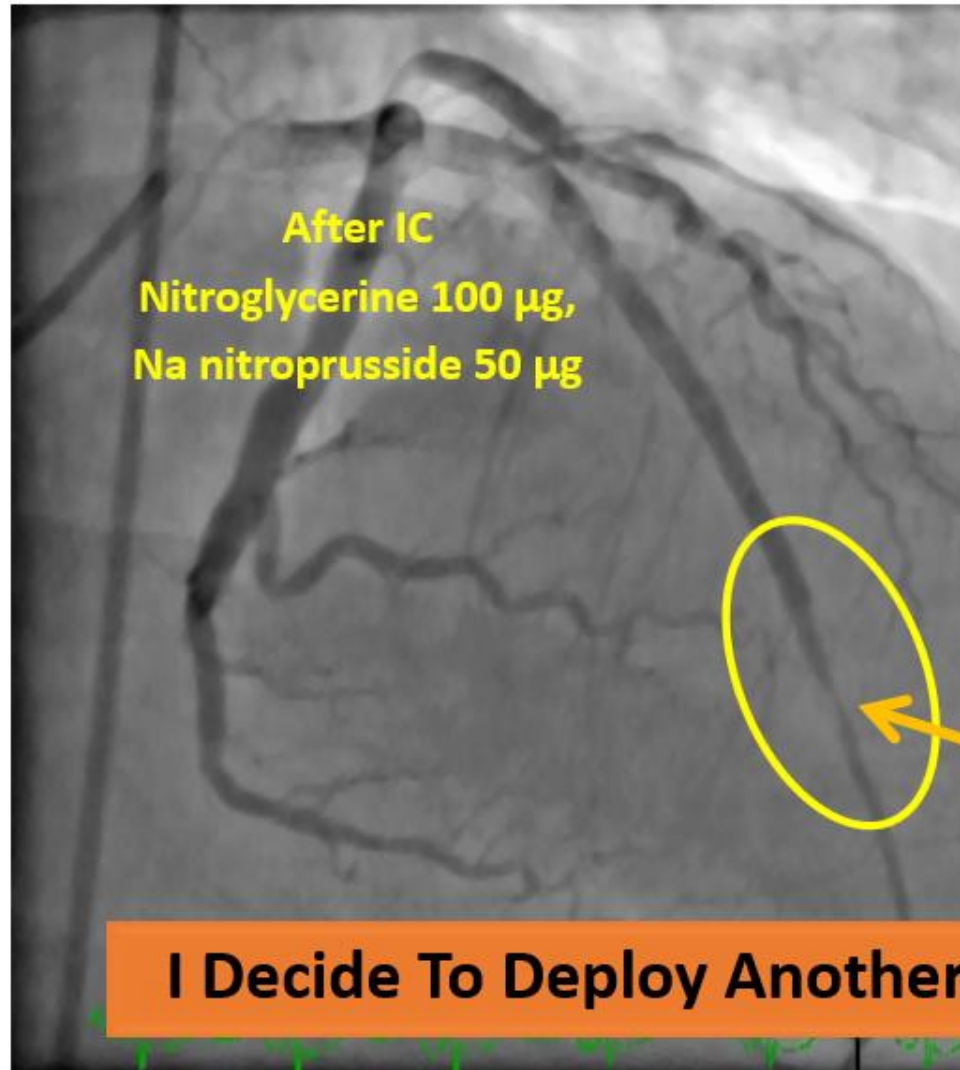
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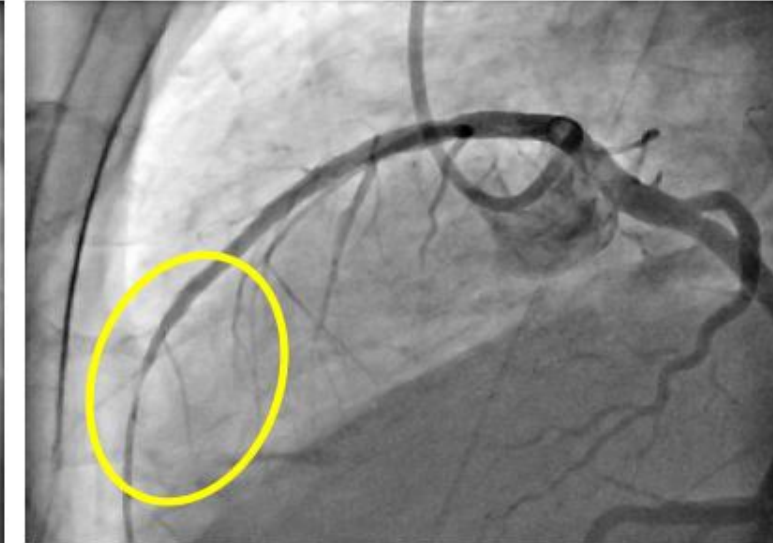


**After IC vasodilator**, the distal lesion still looks significant



More Significant

**I Decide To Deploy Another Small Stent Distally**



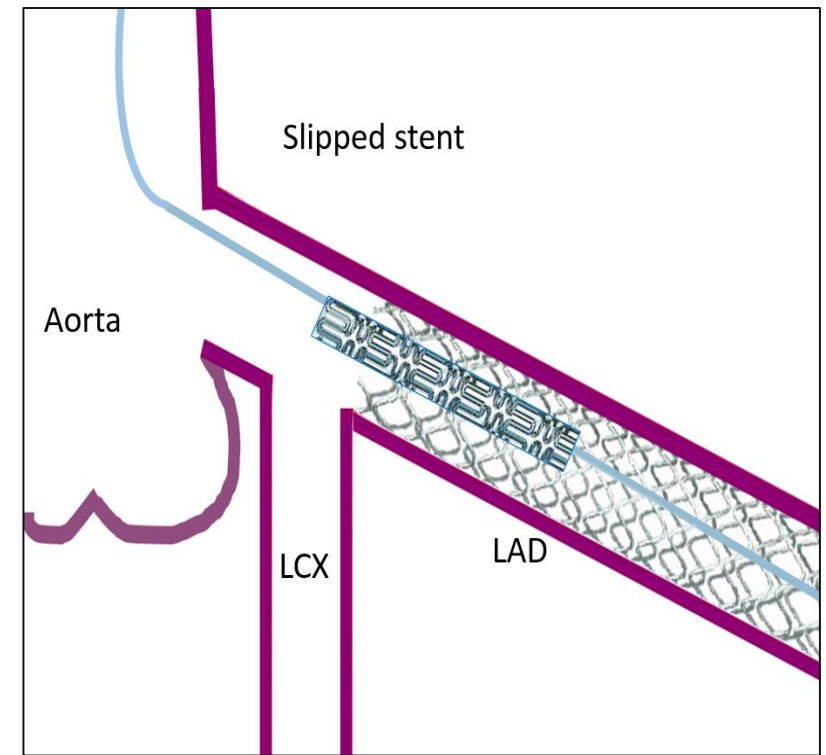
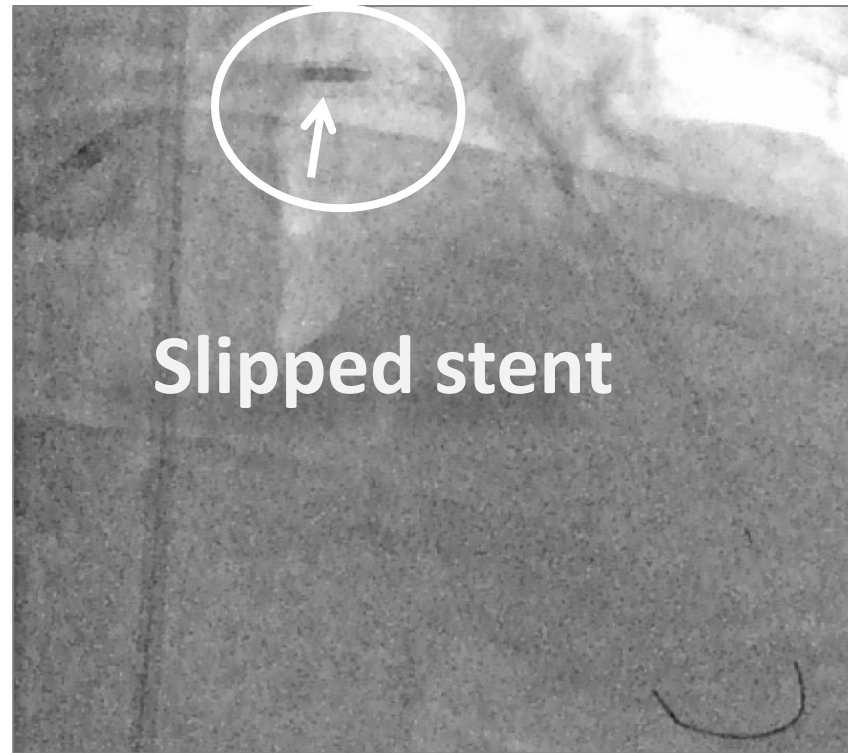


# Suddenly, with advancement of the stent **The stent Slipped at Ostial LAD !!**



**The nurse was connecting and preparing the Indeflator,  
While, I was advancing the stent**

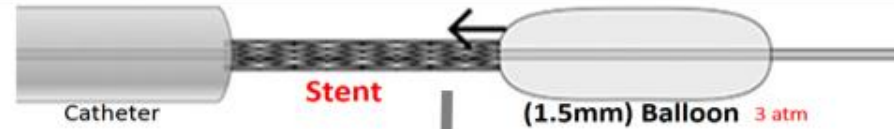
Remember



## What is your best strategy?

# Total Stent Loss (Guidewire In-situ)

Try to pass a small balloon (single marker,  $\leq 1.5\text{mm}$ ) **1** to recross the lost stent, inflate the balloon at 3 ATM

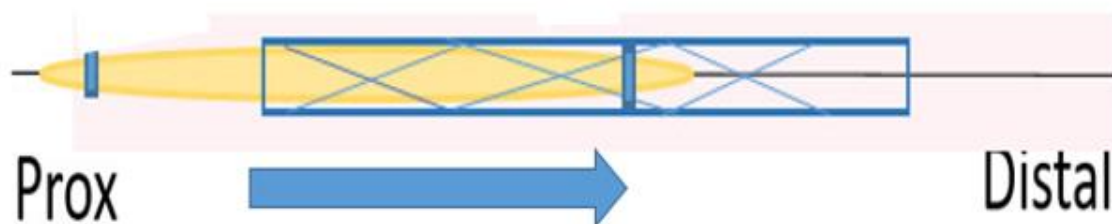


If retrieval successful

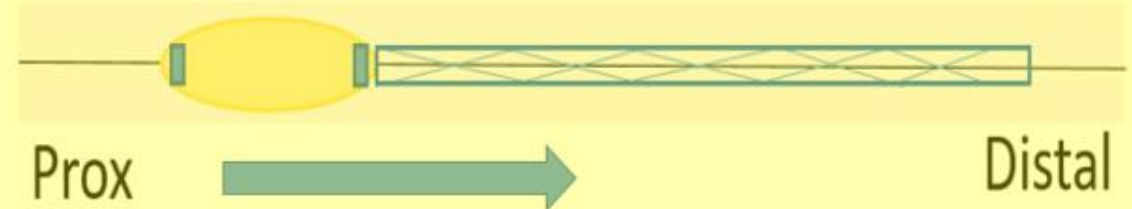
If failed

Check the stent and balloon integrity after retrieval

If stent-vessel sizing acceptable:  
deploy the stent in situ with incremental balloon size



In case of stent vessel mismatch: **2**  
try to advance the lost stent with a slight inflated balloon to appropriate site (use the balloon as pushing device)

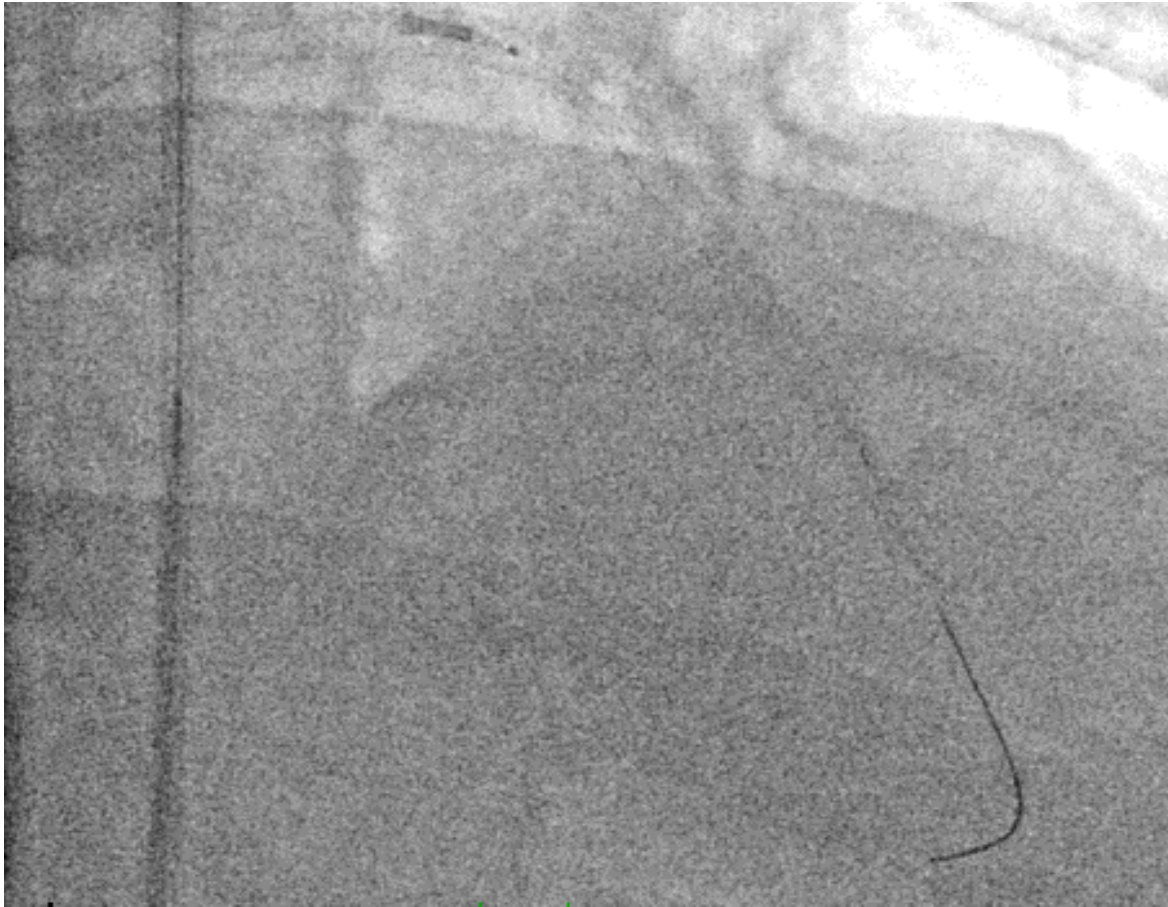




## Balloon Push Technique

Small balloon  $1.5 \times 12$  mm

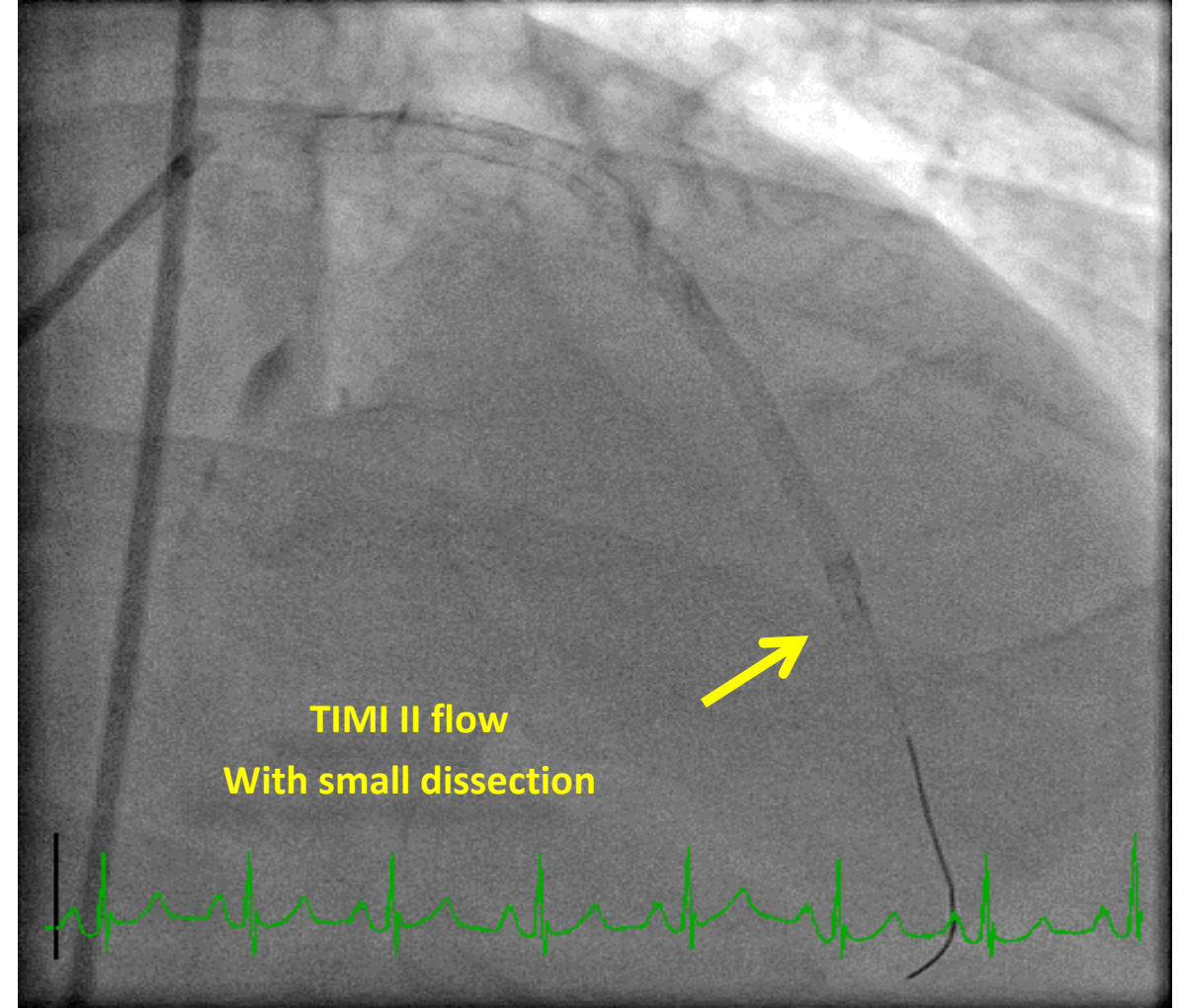
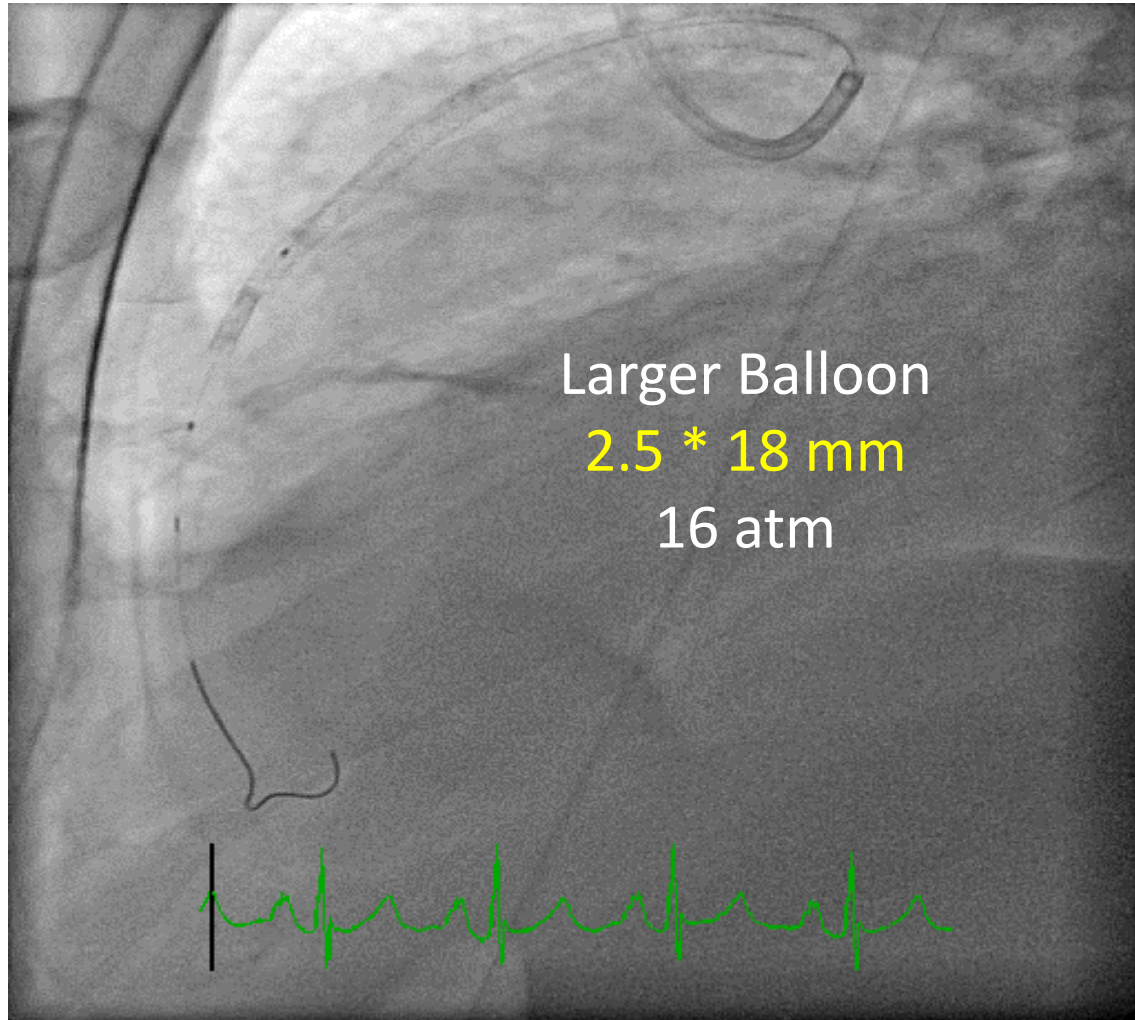
Inflated at 3 Atm Then pushed distally



Then inflated distally to 10 Atm



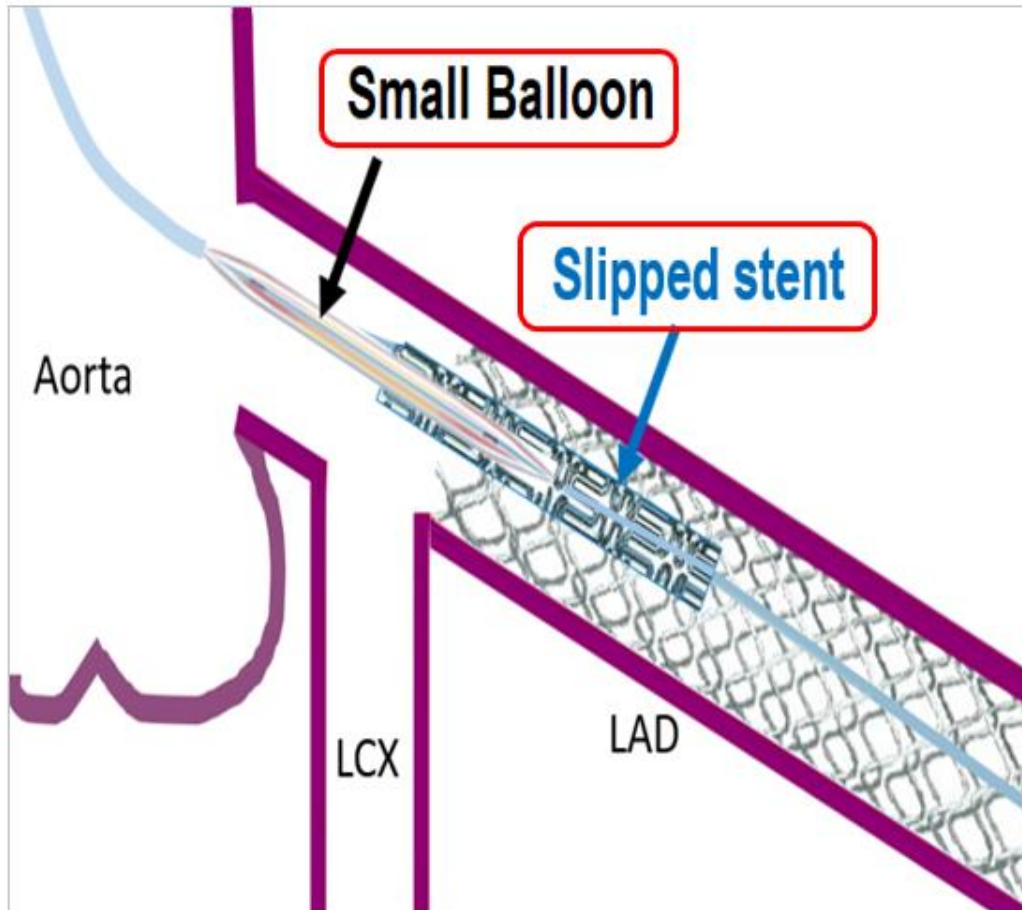
## Then larger balloon (2.5) inflated at HP



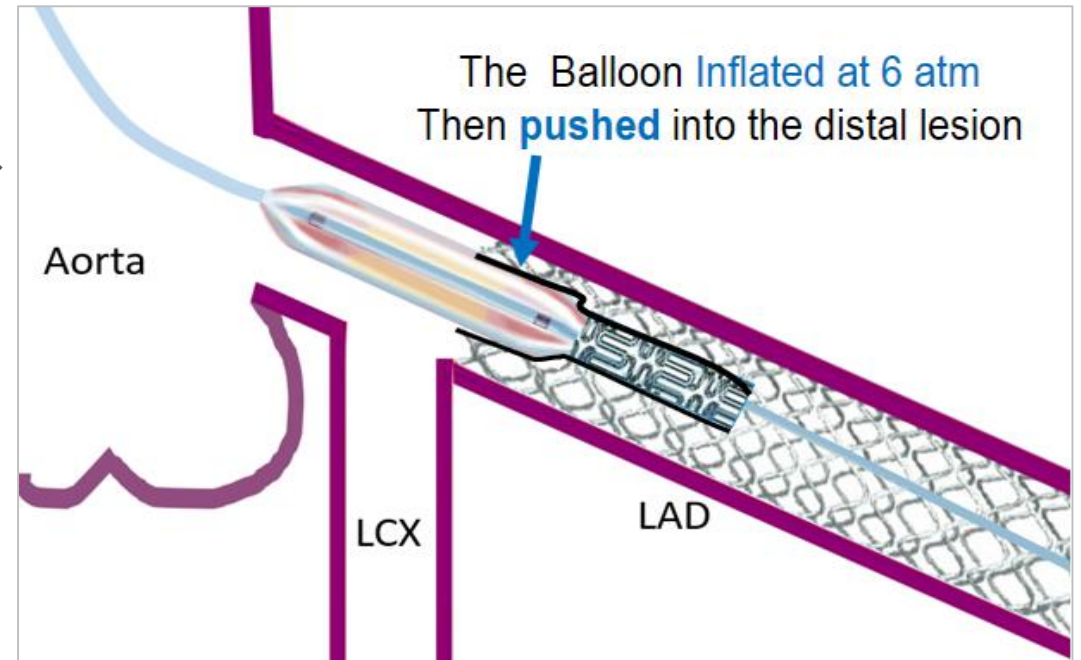


# Rationale of Balloon Push Technique

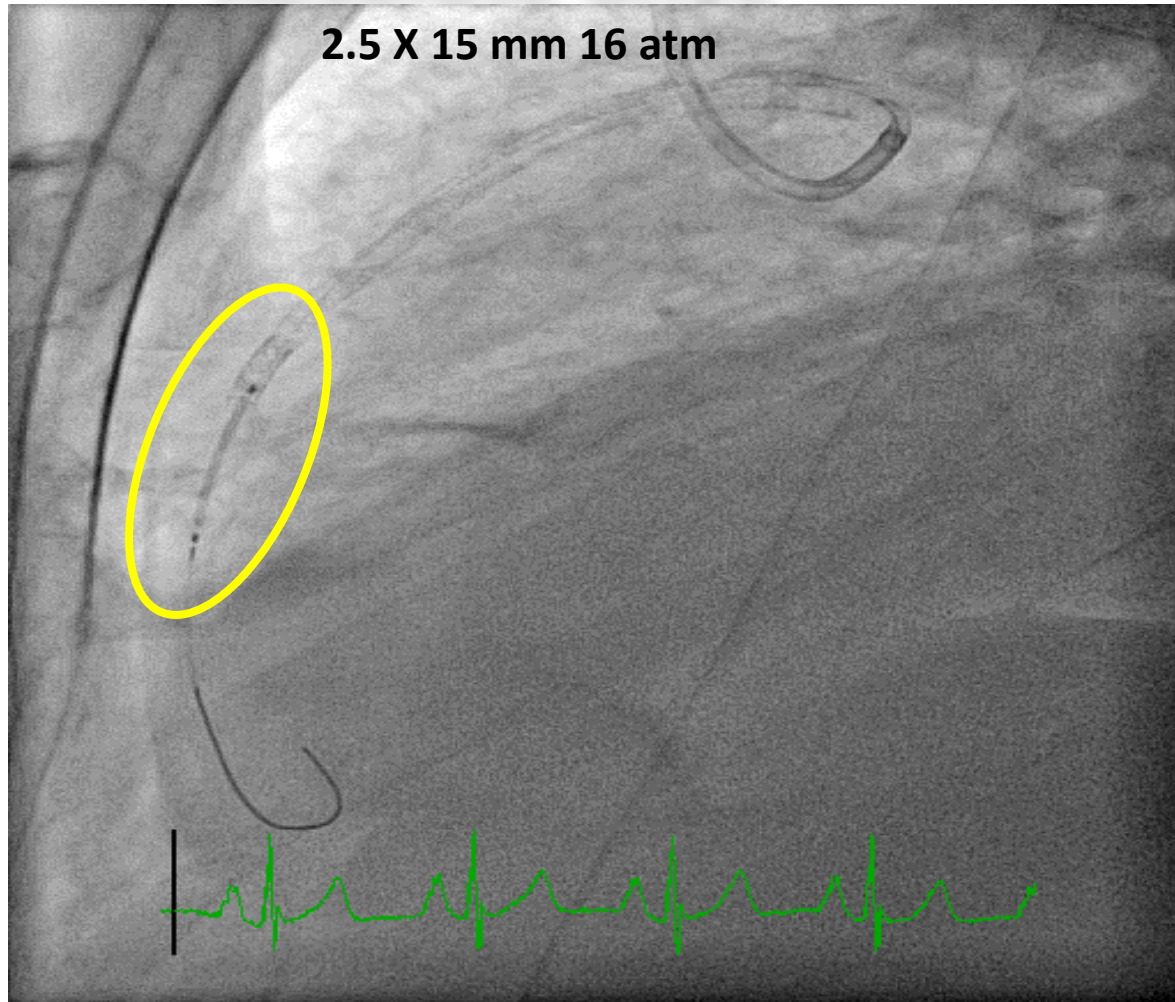
Distal half of Small Balloon  
Inside proximal half of slipped stent



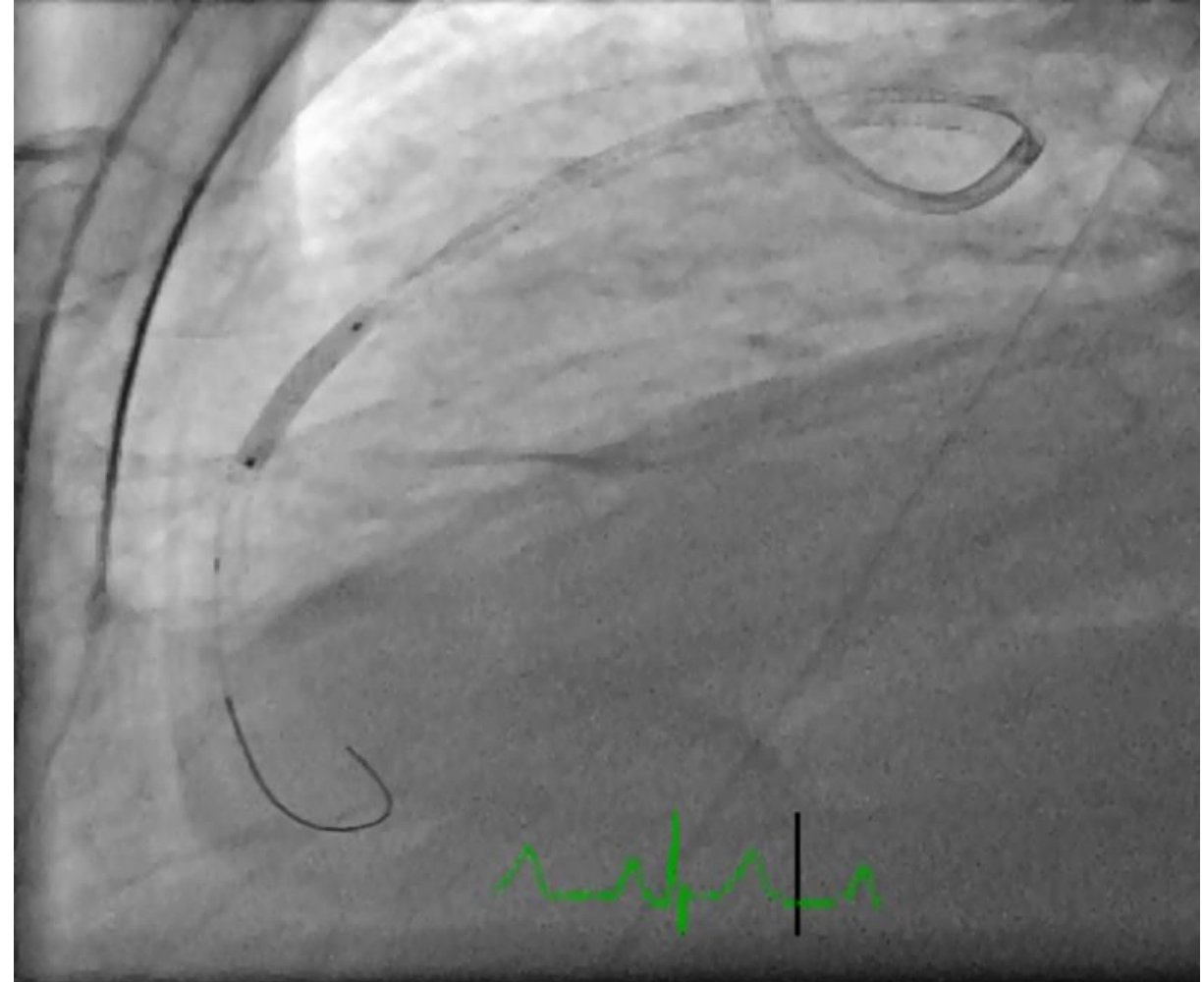
Then, small Balloon 1.5 × 12 mm  
Inflated at 3-6 Atm and pushed into the distal lesion



## Resolute onyx



## NC balloon dilatation





# No-reflow Respond to IC Drugs

(Through Export aspiration Cath)

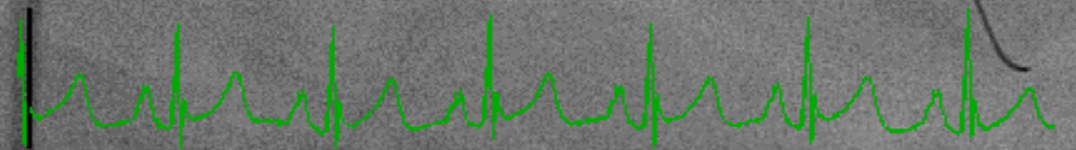
**Export Cath**



**IC Drugs (through aspiration Cath):**

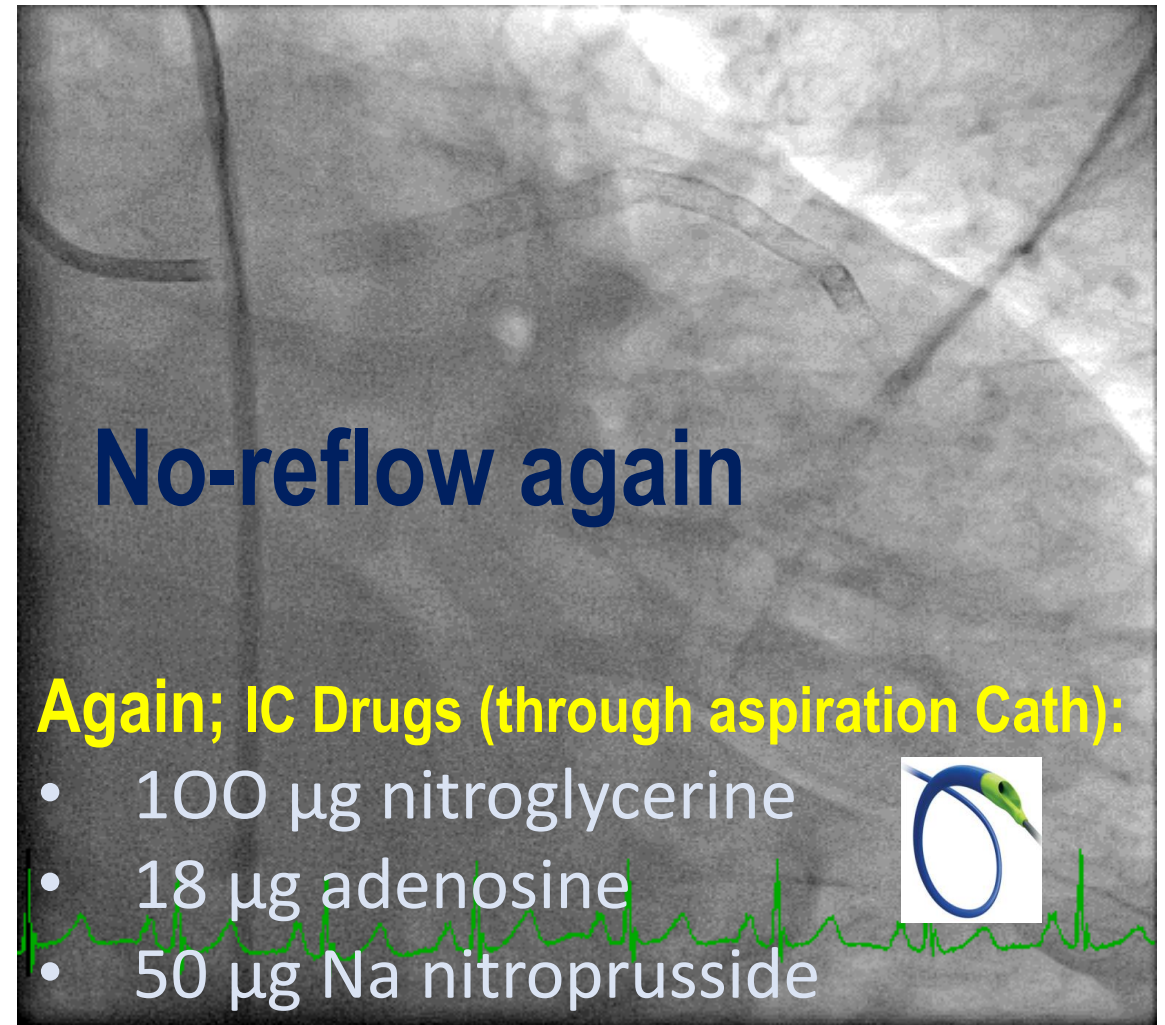
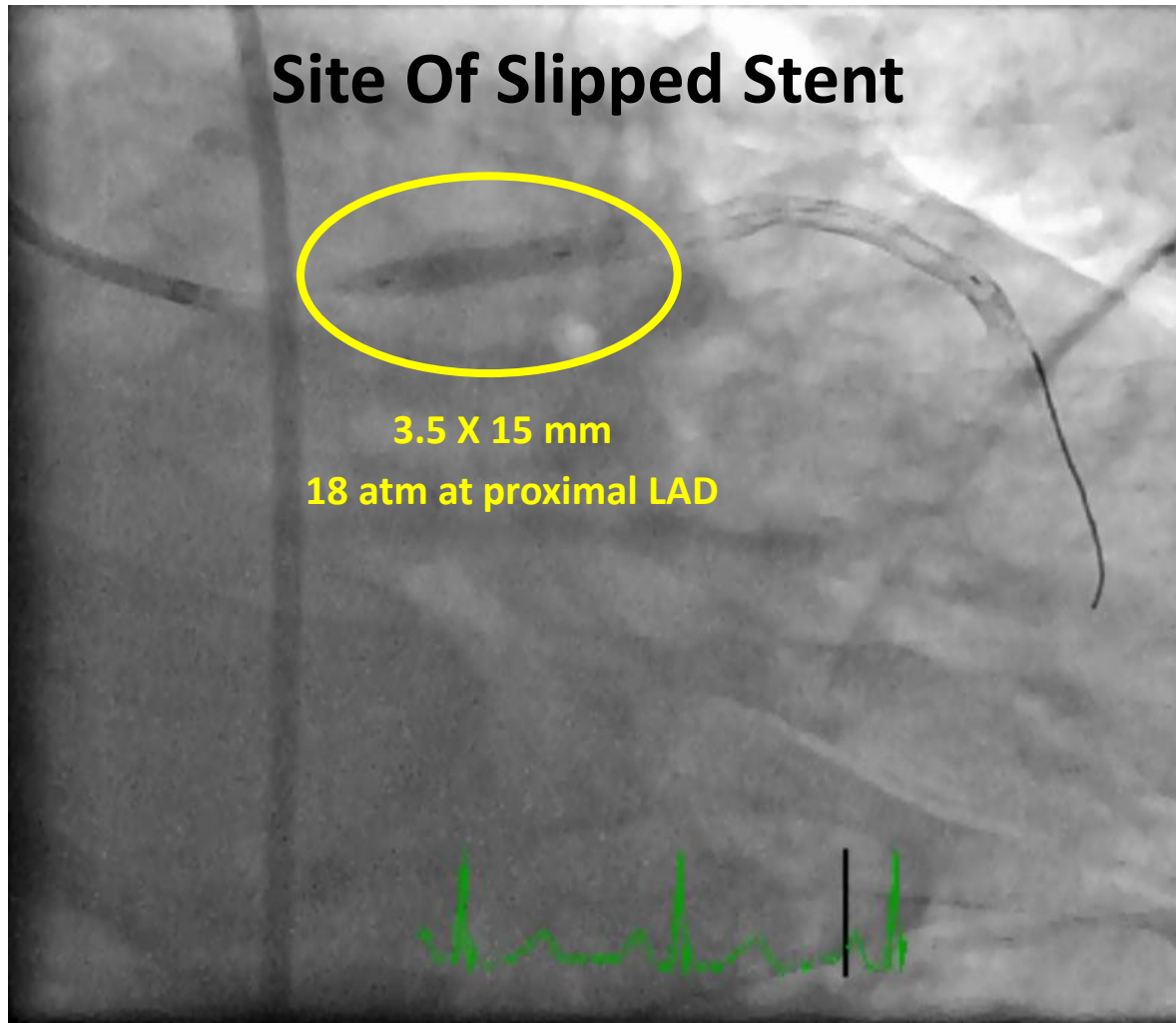
- 100  $\mu$ g nitroglycerine
- 18  $\mu$ g adenosine
- 50  $\mu$ g Na nitroprusside

Improved  
to  
**TIMI II flow**



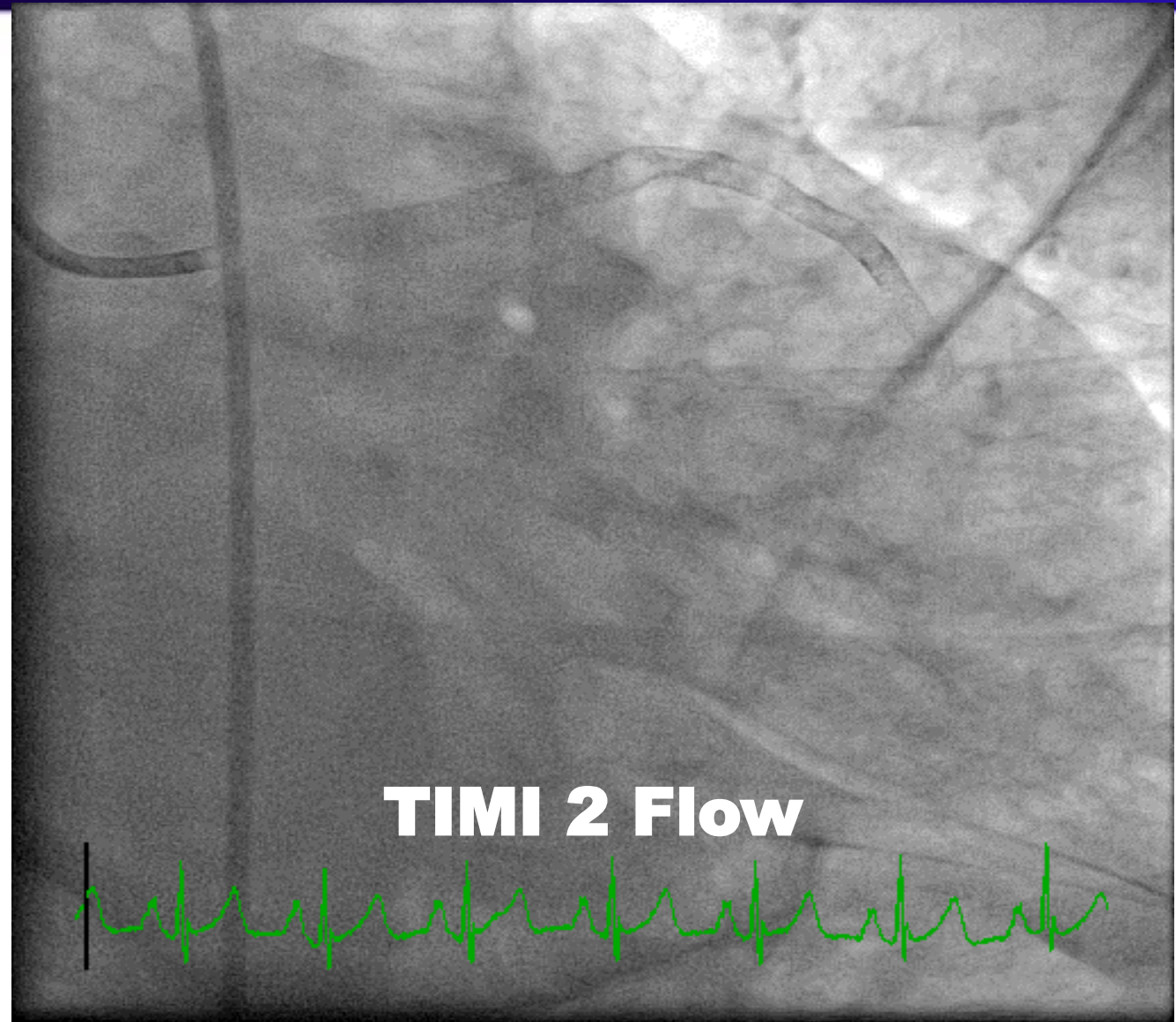
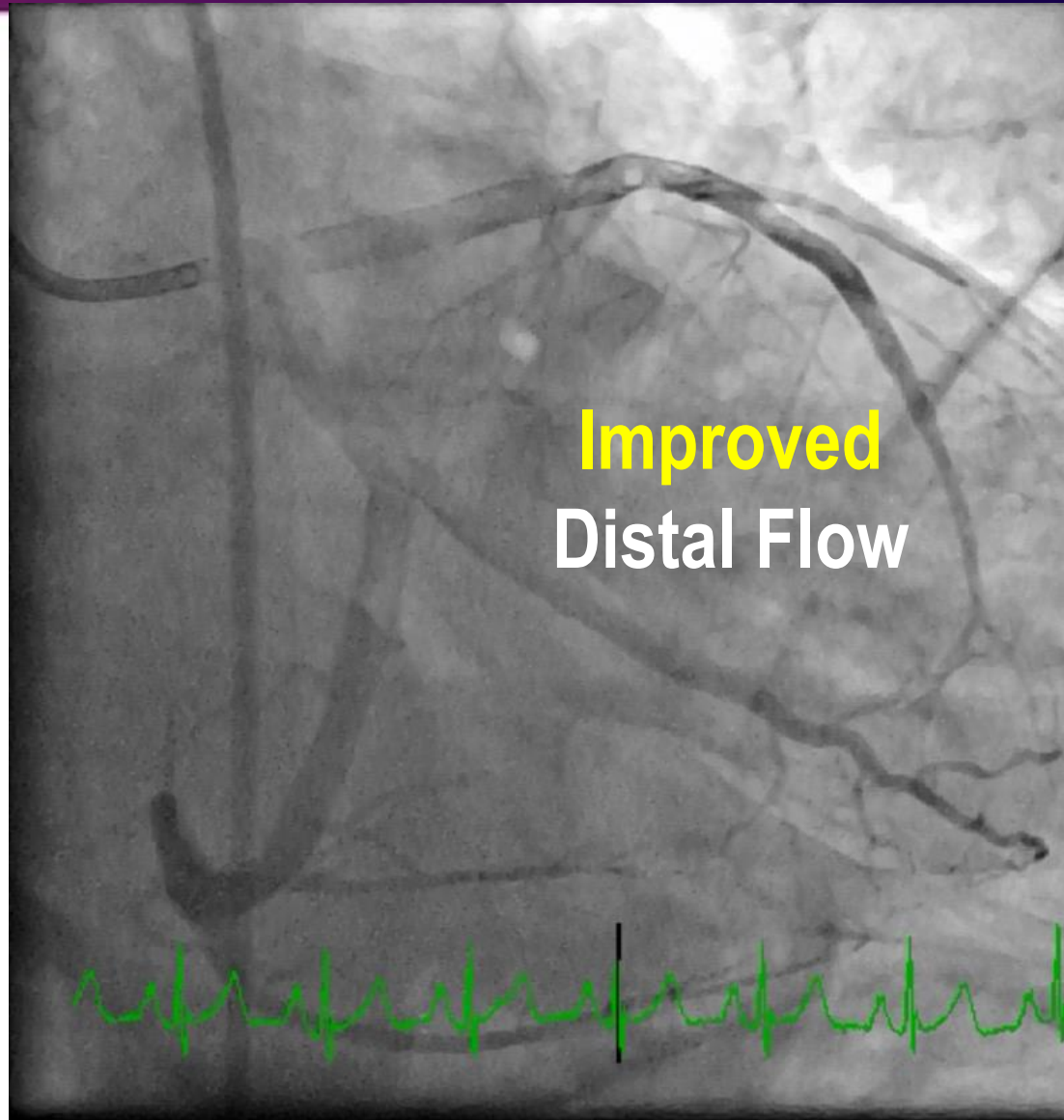
# NC Balloon Dilatation To Proximal LAD Stent

To fix any possible stent deformation at the site of stent loss





# Final Results



# Coronary Angiography



Patent LAD Stents

A black and white coronary angiogram image showing the LAD artery. Two stents are visible as dark, curved lines along the vessel wall. The text 'Patent LAD Stents' is overlaid in white.

**Probably Thrombolytic  
Therapy Was Given **Wrongly****

(based on the residual S-T segment elevation from his previous STEMI in the last admission !!).



# THANK YOU Take Home Message

*For Your Attention*

