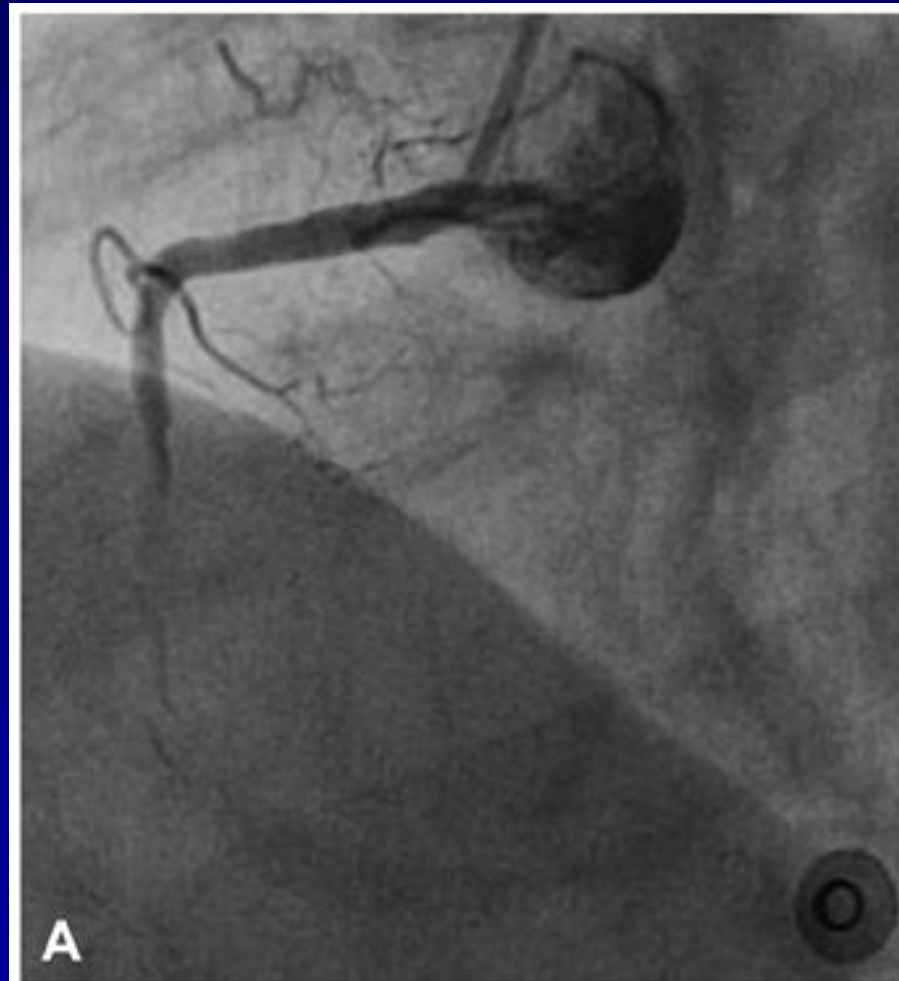


**Where is the lumen?**

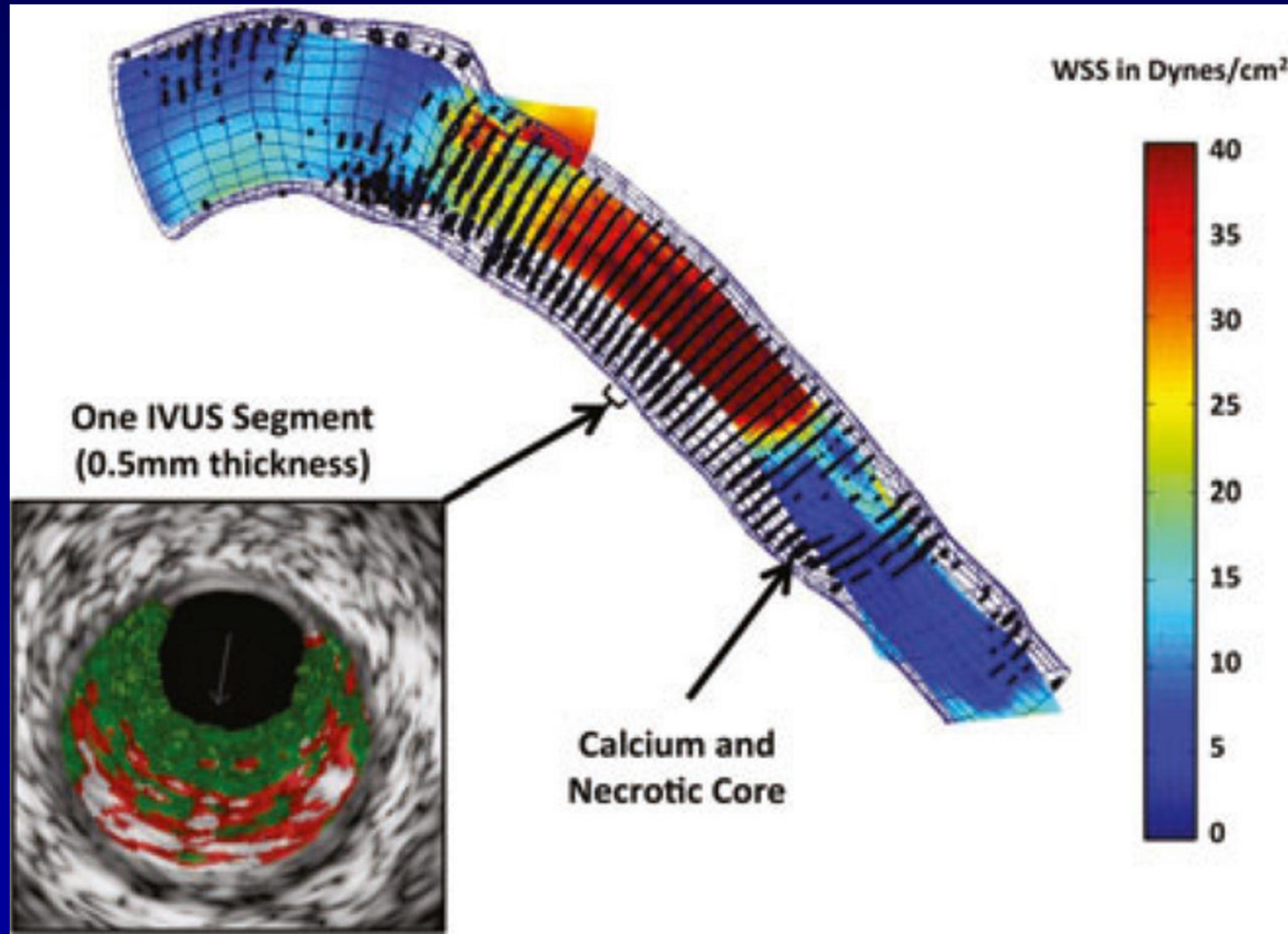
Thach Nguyen MD



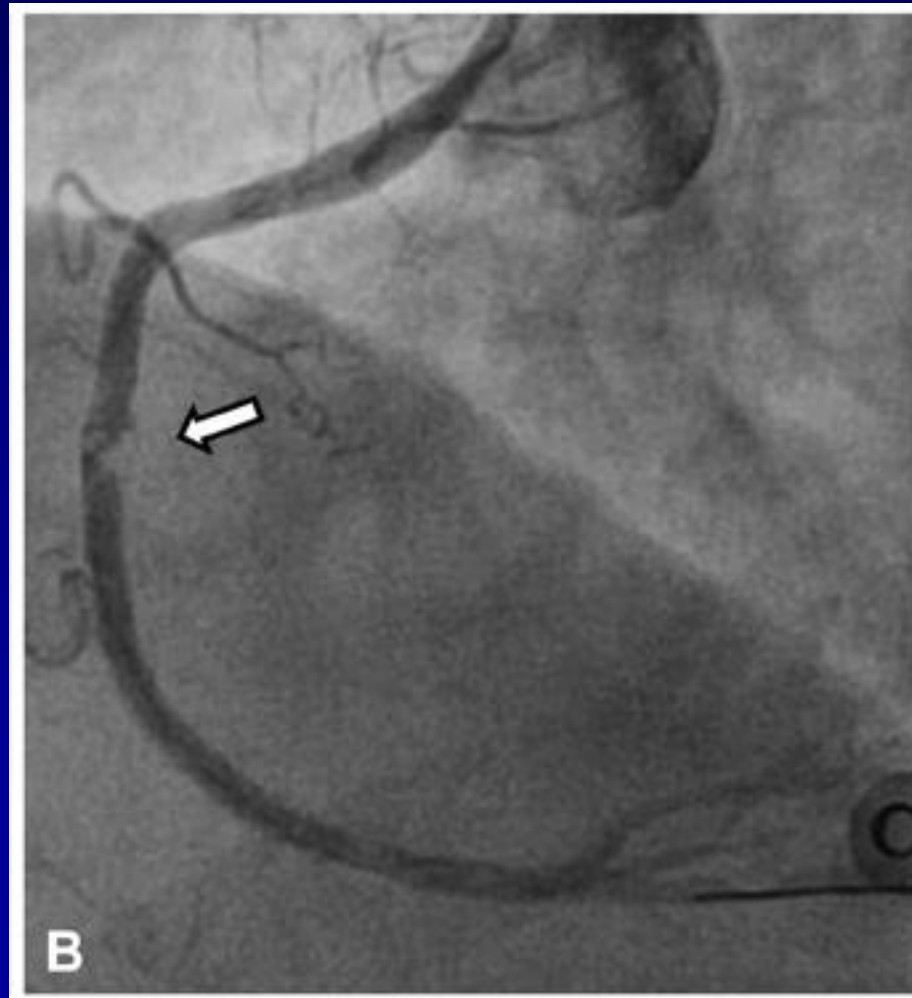
1. In this acute occlusion from STEMI, where is the lumen in the mid RCA?



**Rule 1: The flow strikes the outer curve because it is closer to the straight line. The inner curve has lower shear stress**



In the inner curve



2/. Where is the lumen if the occlusion is in the proximal segment of the left circumflex?





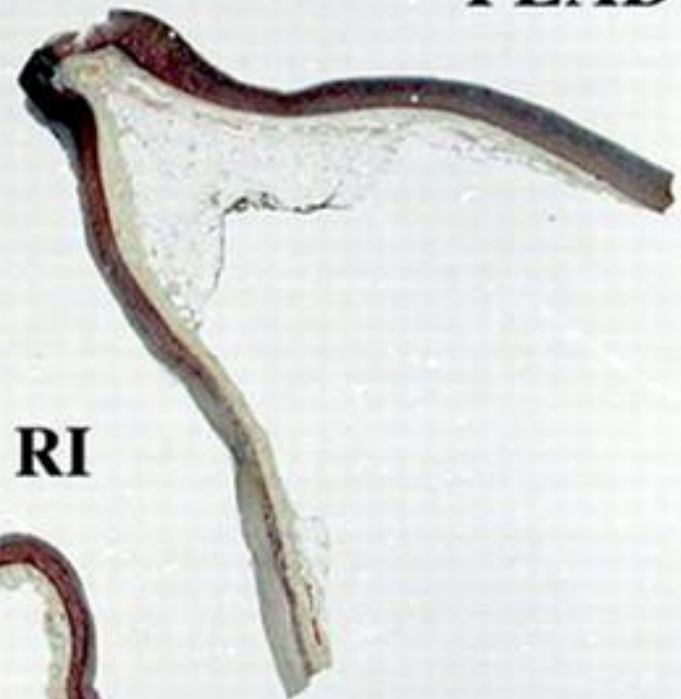
**LM**

**PLAD**

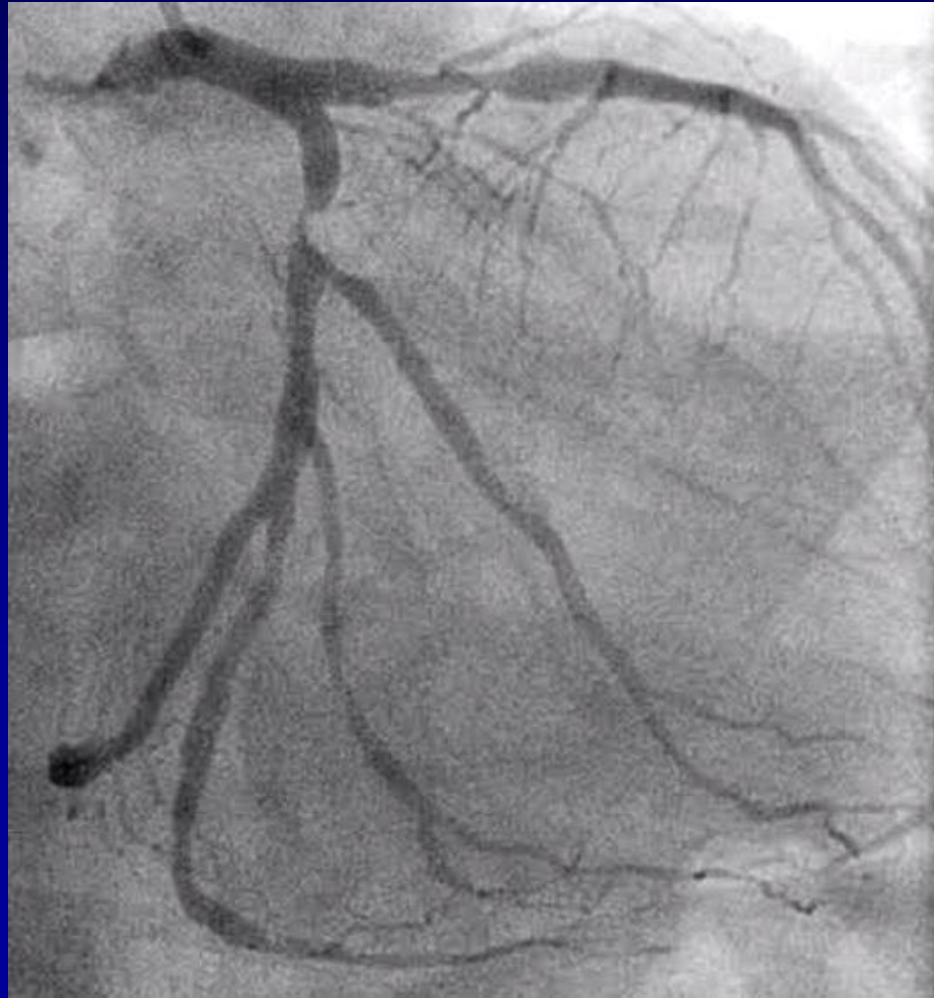


**PLCx**

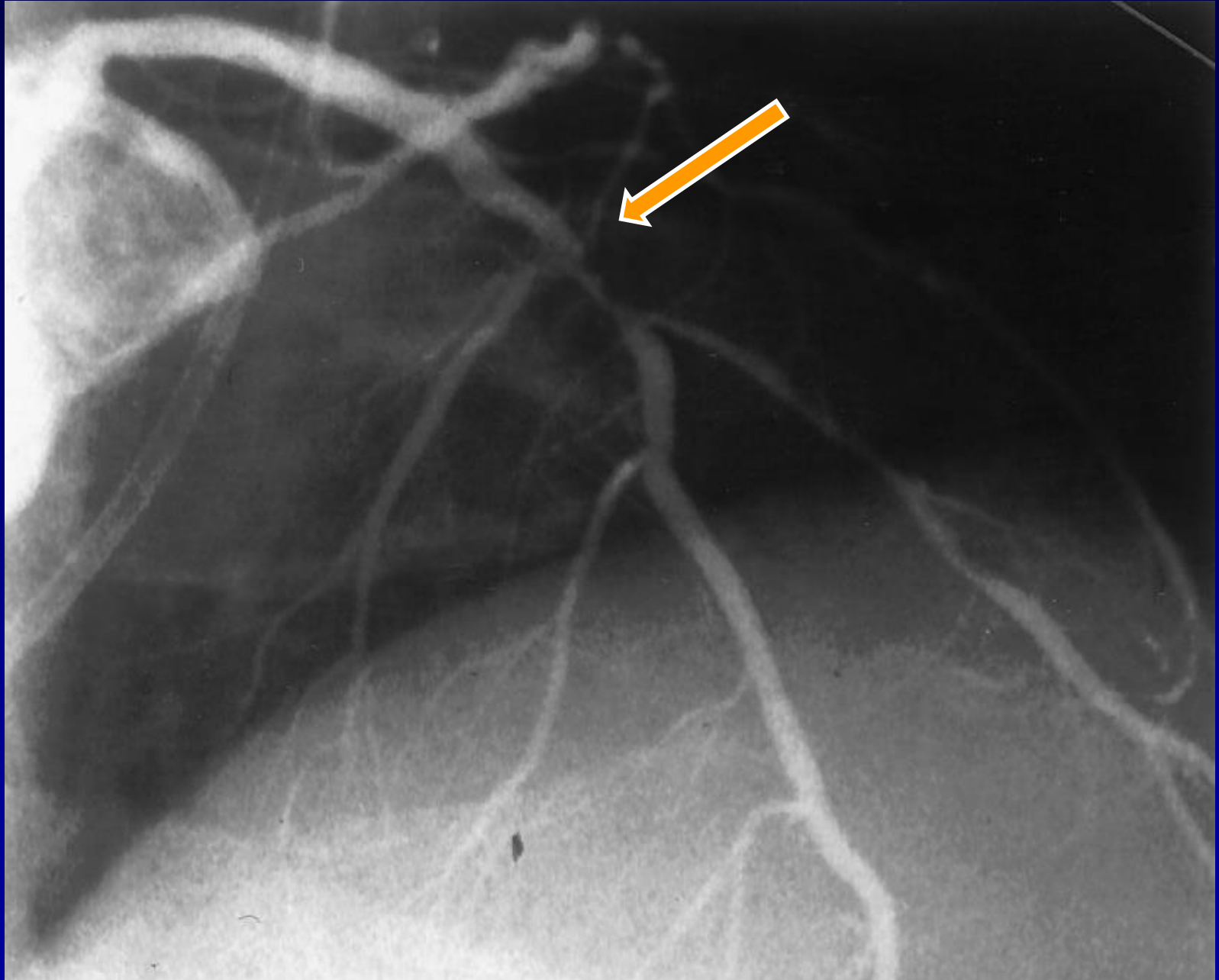
**RI**



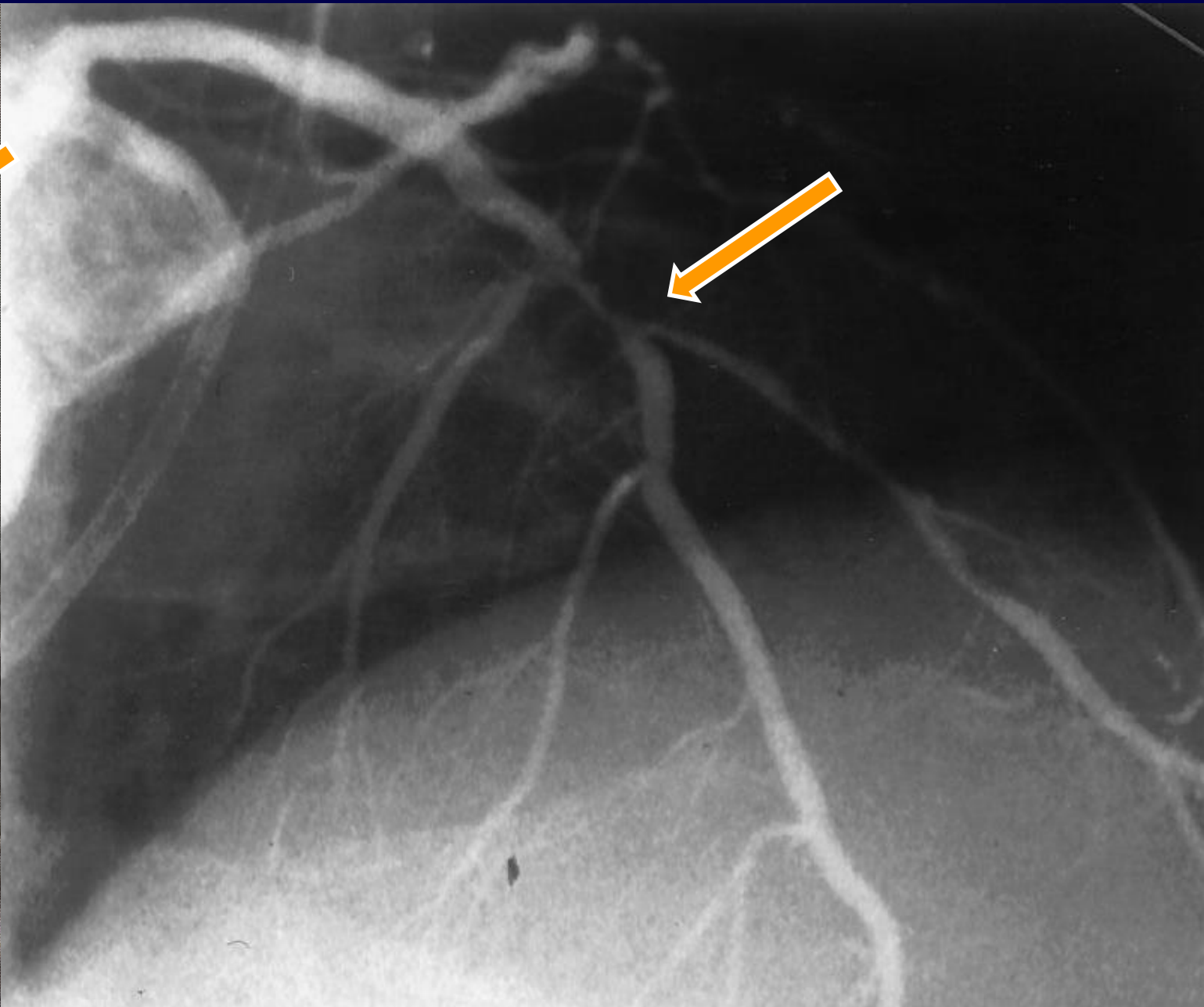
3. When the remaining lumen is in the inner wall of the proximal segment of the left circumflex?



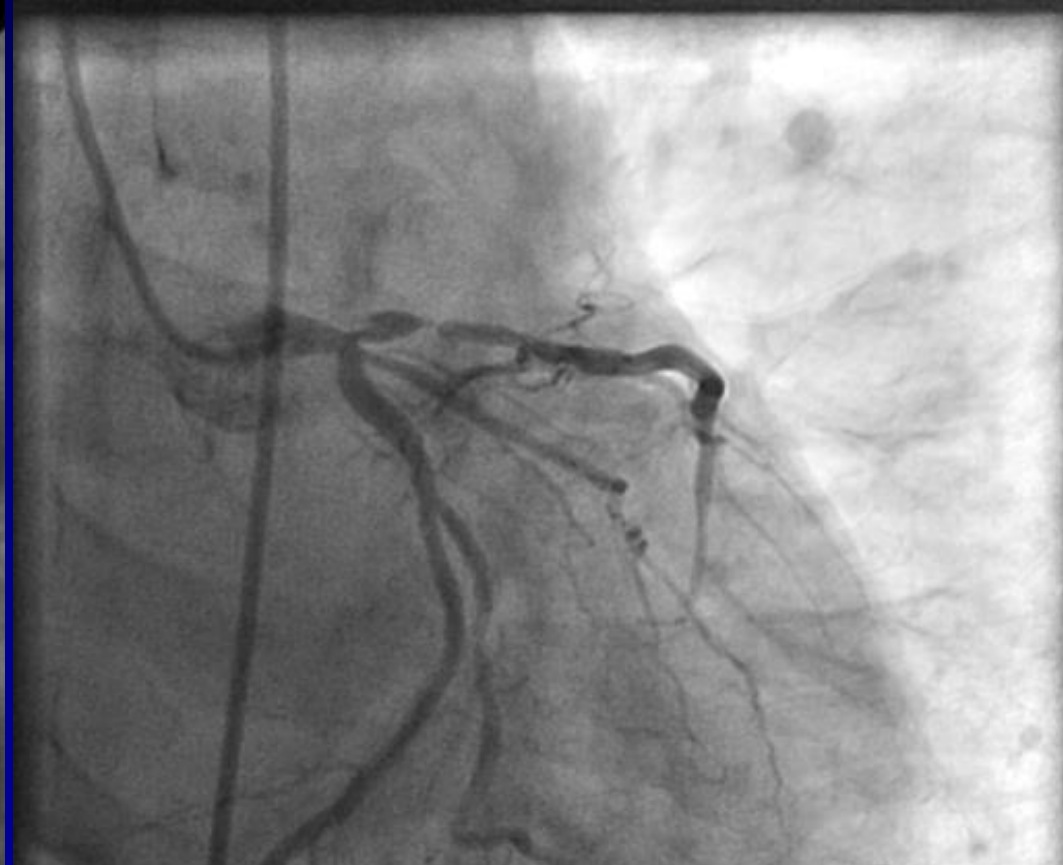








# 4. When is the remaining lumen in the upper wall of the LM? When it is in the inferior wall of the LM?



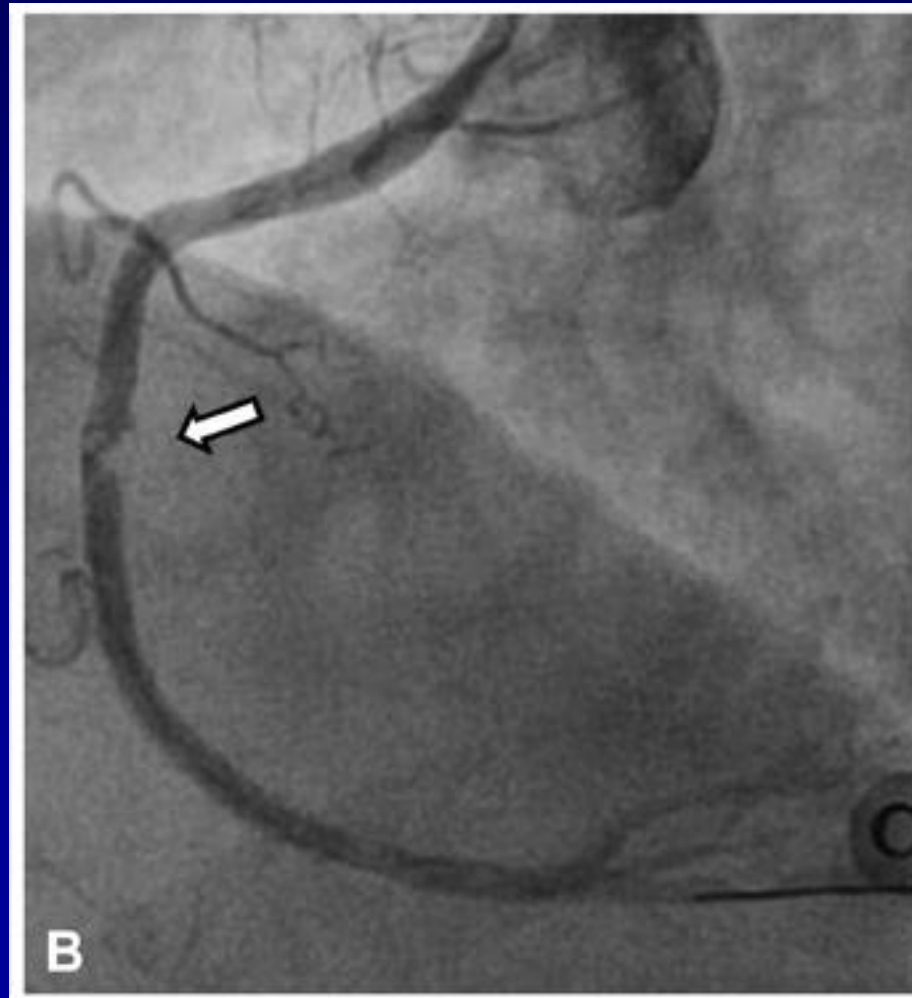
Jean Fajadet, and Alaide Chieffo Eur Heart J 2012;33:36-50

A

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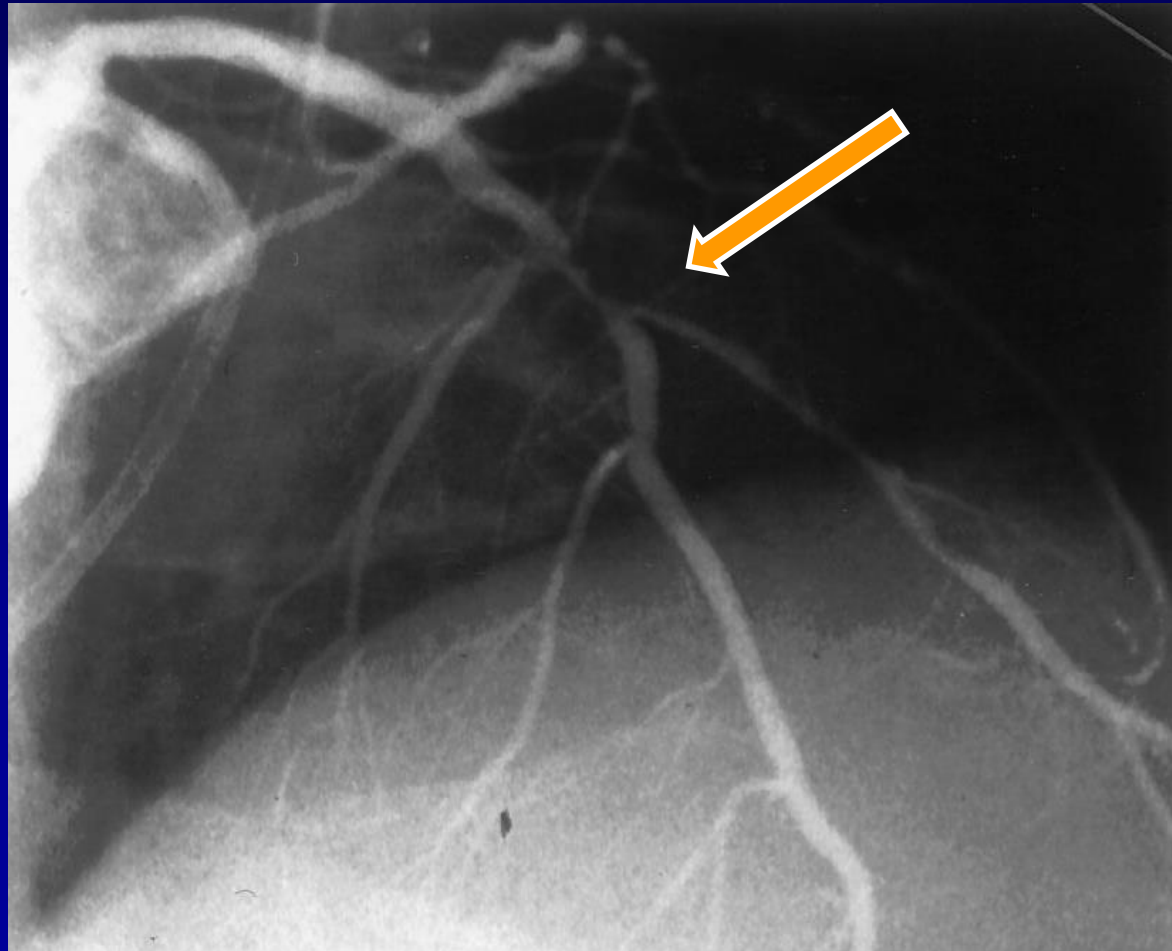
In the inner curve



In the outer wall

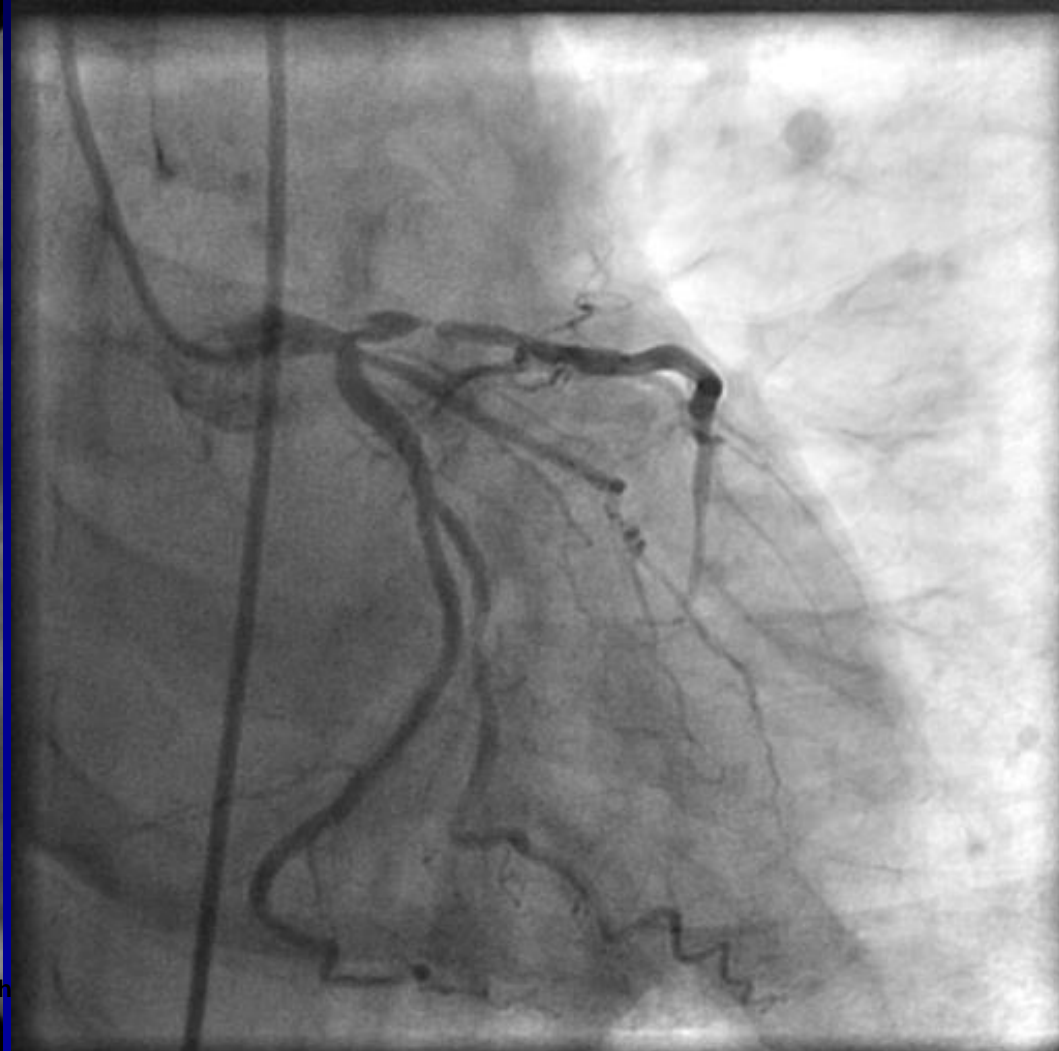
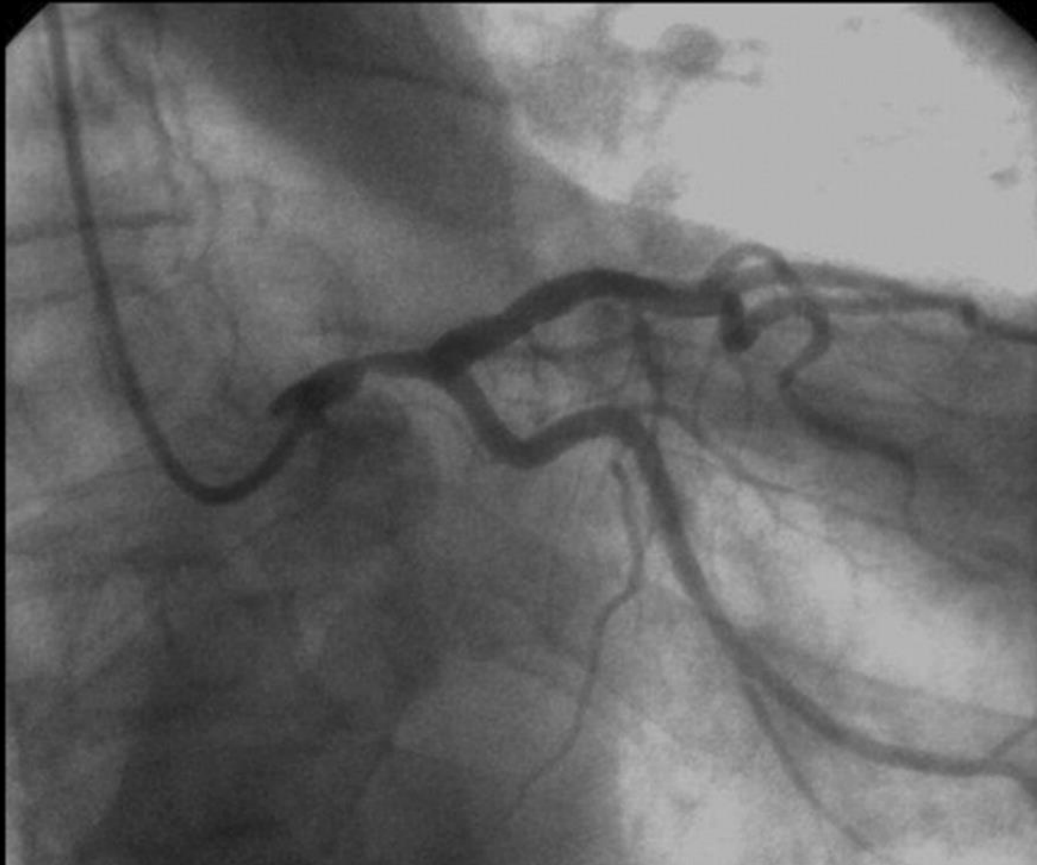


# Same side of the side branch





# Depends on the height of the coronary sinus



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Thank You

