

Argentina and the Netherlands share their most educational cases: Challenges and complications of Left Main PCI

Key learnings: Complicated left main PCI

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I do not have any potential conflict of interest to declare

- This case involves a clinical dilemma:
 - 1) Iatrogenic aortic dissection?
 - 2) Myocardial ischemia as a complication of acute aortic dissection?
- Aortic dissection during PCI requires early recognition and emergency management.
- Treatment may involve: conservative management, surgical repair, bail out PCI
- Risk factors: include underlying weakness of the tunica media.

- Type III aortic dissection (> 4 cms in ascending aorta)
(Dunning D, et al. CCI 2000;51:387-393 Classification of IAD)
- Integrity of the aortic valve should be assessed by echocardiography in all cases.
- Clinical balance of aortic risk, ischemic risk, and bleeding risk for surgery.
- Strict clinical and MSCT follow up were major determinants of the final success of the case.

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