

Dr. Wessam EL Din EL Shafey. MD. EL Araby international Hospital Menoufia University

Case Presentation:

A male patient, 37 years old.

Obese, hypertensive, dyslipidemia, diabetic and not smoker.

C/O: typical exertional retrosternal chest pain since 1 month, pain relieved with rest and nitroglycerin.

Past History: previous PCI with DES in LAD and BMS in distal RCA 18 months ago.

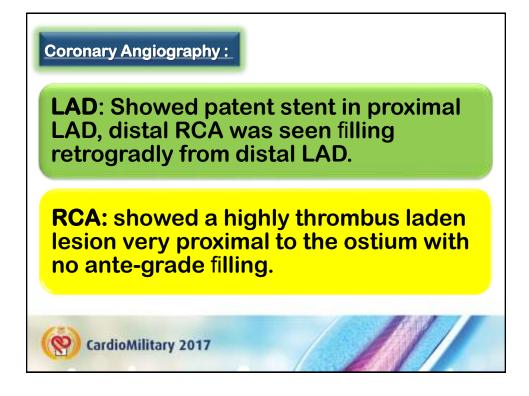
ECG:ST depression in II, III, and avf.

Echo: SWMA (mid, apical inferior and basal septal) wall hypokinesia.

Lab: Cardiac troponin, and CKMB were positive.

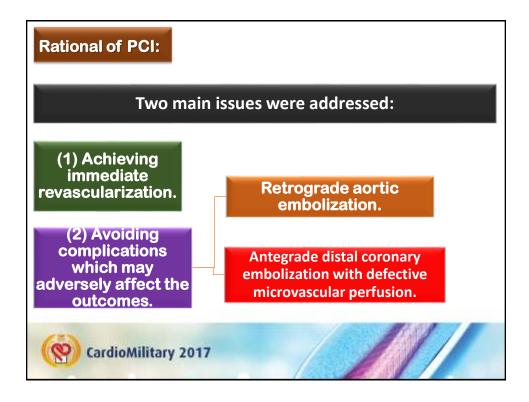


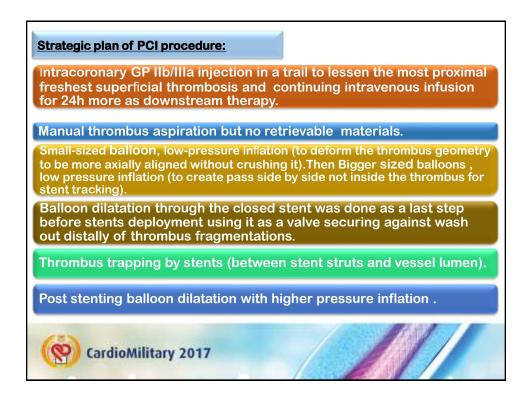
Angiography and PCI technique CardioMilitary 2017











PCI procedural steps:

The patient was loaded with 10,000 IU unfractionated heparin and 600mg of Clopidogrel, Femoral axis.

RCA was cannulated with JR4 6F GC; PT2 MS GW was used to cross the thrombus and passed distally through the distal stent.

Aspiration was tried several times but failed to drag any thrombus materials.

IC tirofiban was given in recommended dose, and pre-dilatation was done using up escalating balloon dilatation with low pressure so as to deform the geometry of the thrombus without crushing it in a special way.

Trapping of the residual thrombus by 2 DES, Xience V 3.5*38 distally across the previous stent and another Xience V 3.5*33 overlapping the first stent.

Finally, post-dilatation was carried out with non-compliant balloon, achieving a successful TIMI 3 flow.



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