



Angiography/PCI Hands on Course

Lecture 1:

a) Basic physics. b) how the Image is Acquired, c) full understanding of the angiographic views from the radiological signs with correlation to the cardiac anatomy. d) hazards of x-ray immersion and how to reduce its danger

Lecture 2:

Understanding of various tools used in Angiography/ PCI procedures including a) different wires 035/014 wires including soft wires, medium support and stiff wires. b) different types of catheters JL, JR, XB and Amplatz catheters: "How & when to use", how to select the appropriate catheter. c) Manifold, Y connector, endoflator appropriate usage for a safe technique to avoid air embolism.

Lecture 3:

Femoral puncture with illustration on anatomy, and how to manipulate difficult situations.

Lecture 4:

Basic hands on techniques for vessel engagement and wiring: How to manipulate the different catheters, avoid complications as catheter/wire break, device slippage.

Lecture 5:

Difficult case scenarios, including tortuous vessels, CTO, primary PCI, Bifurcation lesions. with detecting of all the possible complications that may occur during the procedure and how to handle them, this includes dissections, perforation and inappropriate stent size selection.

Lecture 6:

Hands on simple lesion

Lecture 7:

Hands on RCA lesions.

Lecture 8:

Hands on difficult LCX angulated wiring.

Lecture 9:

Difficult wiring of LAD with unstable cath .

Lecture 10:

Dealing with LCX thrombus.

Lecture 11:

multiple LAD lesions : please do not complicate ostial diagonal to a LAD problem.

Lecture 12:

How to deal with LM lesion?

Lecture 13:

total RCA lesion.

Lecture 14:

Aspirate RCA thrombus.

Lecture 15:

Totally occluded LAD: blind navigation !!. *lecture 11: T. STENTING for a bifurcation lesion

Lecture 16:

T. STENTING for a bifurcation lesion.

Lecture 17:

culotte technique for bifurcation LM LCX and LAD.

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