

WORKSHOP “HANDS-ON” FOR TRANS-RADIAL CORONARY INTERVENTIONS:

Tips and tricks on how to switch from the femoral to the trans-radial approach

- Date:** November, 14-15th, 2016
- Organiser:** Cordis / Johnson & Johnson
- Location:** Interventional Cardiology Unit, University Hospital of Geneva
24, Rue Micheli-du-Crest, 1211 Genève
- Consultants:** Prof. Dr. méd. Marco Roffi, Médecin adjoint agrégé, responsable d'unité
Dr. méd. Stéphane Noble, Chef de clinique
Dr. méd Sholan Bunwaree, Médecin assistant

Background:

From 2008, at the Geneva University Hospital we have progressively switched from the femoral to the radial approach for all patients necessitating coronary angiography or percutaneous coronary intervention (radial PCI rate of <5% in 2007, 22% in 2008, 68% in 2009, and >75% in 2010).

Aim:

Perform a 1 day workshop on tips and tricks of trans-radial coronary interventions from medical and cath-lab personnel point of view.

Objectives:

- 1) To address patient set-up for radial PCI (right radial, left radial) and the implication for the cath-lab personnel.
- 2) To perform a step-by-step diagnostic coronary angiogram from a radial approach
- 3) To learn about dedicated trans-radial equipment (e.g. sheaths, diagnostic and guiding catheters).
- 4) To be familiar with tips and tricks to make the trans-radial approach suitable for **ALL** coronary interventions (standard patient, CABG-patient, STEMI-patient).
- 5) To deal with the post-interventional care and the management of complications.

AGENDA

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Day 1 – November 14th			
Time		Topic	Speaker / Room
from	to		
10:00	10:30	Program presentation of the workshop	Prof. M. Roffi
10:30	13:30	How to perform coronary angiography and PCI using the trans-radial approach. i. Material, patient preparation	Dr. S. Noble
13:30	14:30	Lunch	
14:30	16:30	Available evidence of the trans-radial approach.	Dr. S. Bunwaree
16:30	17:30	Discussion	
17:30 Closure of day 1			
Day 2 – November 15			
08:00	09:45	Begin of the workshop directly in the cath-lab, where 2 patients will be scheduled for a coronary angiography: a) The nurses and the doctors will be introduced to the patients' preparation and installation for the trans-radial intervention (TRI). If possible a right and a left radial approach will be perform. b) The invited doctors will help the local operators for the TRI (i.e. HANDS-ON)	Cath-lab. 15+16 Prof. M. Roffi Dr. S. Noble Dr. S. Bunwaree
09:45	12:00	Second scheduled case on both cath-labs	Cath-lab. 15+16
12:00	12:30	Presentation: a) Tips and trick of the radial approach. i. How to success in your procedure avoiding a femoral conversion.	Dr. S. Noble/ 6 th floor
12:30	13:30	Lunch	
13:30	15:30	Third patients' session, always in both cath-labs.	
15:30	17:00	Round table discussion + take home message + conclusions.	All
17:00 Closure of the workshop.			