



The Madras Medical Mission
"Compassionate Quality Healthcare"

Course /Programme Title : FELLOWSHIP TRAINING IN INTERVENTIONAL CARDIOLOGY

Course Director : Dr.Mullasari Ajit S
Chairman & HOD –Department of Cardiology
The Madras Medical Mission

Duration : 1 Year

Training Fee : 300 USD Per Month /USD 3600/- [1 Year]

Eligibility :

- Foreign nationals having completed Super Specialty Adult /Paediatric Cardiology or equivalent postgraduate degree.
- Valid medical registration in the home country.
- Sponsorship or self-funding details must be declared.

Accommodation : MMM guest house accommodation is not available, details of the guest houses in the nearby vicinity for Sharing accommodation with kitchen and Air-conditioning will be shared on request

Course Content & Objectives :

1. Understanding the indications, risks, and benefits of invasive diagnostic and therapeutic procedures in cardio vascular disease,
2. Obtaining a basic understanding of radiation physics, radiation safety, radiological cardiovascular anatomy, clinical cardiovascular physiology, clinical pharmacology of anti platelet agents, anti thrombin agents and thrombolytics, mechanisms of restenosis, and basics of vascular brachy therapy
3. Using the data obtained from invasive procedures to select medical, catheterbased, or surgical treatment,
4. Obtaining mechanical training in invasive diagnostic and interventional procedures,
5. Understanding peripheral anatomy and the non-invasive assessment of peripheral vascular disease (PVD) and using this data to select proper treatment of PVD
6. Obtaining mechanical training in invasive diagnostic and therapeutic peripheral procedures. Specifically, fellows will learn to perform, and will become proficient in, temporary right ventricular pacemaker insertion, peri cardiocentesis, right and left heart catheterization including coronary angiography and ventriculography, intra-aortic balloon pump placement, conventional balloon angioplasty, stenting, rotational atherectomy, directional atherectomy, rheolytic thrombectomy, intravascular ultrasound, Doppler flow

wire, pressure wire, percutaneous vascular access site closure, intracoronary brachytherapy, peripheral angiography of the brachiocephalic, renal and lower extremity vasculature, and peripheral angioplasty and stenting including the subclavian, renal and iliac arteries.