



UniSR

Università Vita-Salute
San Raffaele

II LEVEL MASTER IN CORONARY INTERVENTIONAL CARDIOLOGY

STUDY PLAN

FRONTAL TEACHING ACTIVITY – 7 ECTS

| | | ECTS | H | |
|-----------------------------------|--|------|---|--------|
| 1 | Set up in the cath lab: the importance of radioprotection | 0.25 | 2 | MED/11 |
| 2 | Vascular access in Interventional Cardiology: selection, closure devices, treatment of complications | 0.25 | 2 | MED/11 |
| 3 | Antithrombotic therapies in Interventional Cardiology | 0.25 | 2 | MED/11 |
| 4 | Functional Coronary Evaluation and microvascular evaluation: FFR, IMR; CFR | 0.25 | 2 | MED/11 |
| 5 | Intracoronary Imaging: IVUS and OCT | 0.25 | 2 | MED/11 |
| 6 | Treatment of Coronary Bifurcation and left main stem | 0.25 | 2 | MED/11 |
| 7 | Myocardial Infarction | 0.25 | 2 | MED/11 |
| 8 | Chronic Total Occlusion: wires, microcatheters and techniques | 0.25 | 2 | MED/11 |
| 9 | Calcific lesion and debulking technique | 0.25 | 2 | MED/11 |
| 10 | Drug eluting balloon in the cath lab | 0.25 | 2 | MED/11 |
| 11 | Ventricular assistance Device: IABP, ECMO, Impella | 0.25 | 2 | MED/11 |
| 12 | Statistical analysis applied to interventional cardiology | 0.25 | 2 | MED/11 |
| Journal Club and Research Meeting | | | | |

LABORATORY / WORKSHOP / CLINAL CASE – 34 ECTS

Catheterization laboratory and Clinic and hospital ward activities

TRAINING – 9 ECTS

Clinical case discussion, Staff and Complications Meetings,
department meetings

THESIS – 10 ECTS



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- **Journal Club**

Aim of presenting the most recent scientific literature discoveries on topics of current interest in interventional cardiology. To foster the ability to self-work, the preparation of each topic is entrusted to each student of the master, under supervision.

- **Research meetings**

Aim of presenting the various studies and research projects in place at the Operational Unit on topics of current interest in interventional cardiology. Each student will be in charge of one or more specific research protocols and/or projects, to foster the ability to work independently He/she will work on it during the master, under the supervision of a tutor.

- **Clinical case discussion**

A variety of cases are illustrated or discussed during the clinical case meetings. This allows to clarify the specific therapeutic programs to be implemented.

- **Staff and Complications Meetings**

Topics include presentation of new interventional techniques; presentation of new controlled clinical trials; revision of the cases of interest in the previous days or yet to be planned and re-evaluation or decision on the individualized therapeutic approach. On a monthly basis, one of these meetings is dedicated to the discussion of the complications that occurred in the previous month during the ward activities and the operating procedures, to avoid their recurrence and treat them more effectively.

- **Department meetings**

They are organized alternatively by the services of interventional cardiology, clinical cardiology, cardiac surgery, arrhythmology or vascular surgery. The meetings are presented with new diagnostic and therapeutic techniques, reviewing cases with an interdisciplinary approach, and proposing new diagnostic and therapeutic protocols for revision of the guidelines.