



UniSR

Università Vita-Salute
San Raffaele

II level
Master in Structural Interventional Cardiology
a.y. 2024/25

SUMMARY OF LEARNING ACTIVITIES

| Activity | CFU | Module | Hrs | ECTS |
|---------------------------|-----|-----------------------------|-------------|-----------|
| Classroom activity | 7 | Frontal teaching activities | 24 | 7 |
| | | Journal Club Meeting | 100 | |
| | | Research Meeting | | |
| | | Individual study time | 51 | |
| Learning by doing | 9 | Professional training | 225 | 9 |
| | 34 | Labs/ Clinical activities | 850 | 34 |
| | 10 | Thesis | 250 | 10 |
| TOTAL | | | 1500 | 60 |

(1 ECTS= 8 hrs frontal learning)

FRONTAL TEACHING ACTIVITIES

(1 CFU = 8 hrs of frontal teaching)

| Courses | CFU | Frontal hours | SSD |
|----------------------------------------------------------------------------------------------------------------------------------------|------|---------------|--------|
| 1. CT-scan: patient's selection and planning of structural procedures | 0.25 | 2 | MED/11 |
| 2. Transcatheter Aortic Valve Implantation (TAVI): devices and techniques | 0.25 | 2 | MED/11 |
| 3. Planning of TAVI procedures based on CT analysis: The importance of proper fluoroscopic projection and cusp overlap technique | 0.25 | 2 | MED/11 |
| 4. Bicuspid aortic valve: LIRA plane and different sizing technique | 0.25 | 2 | MED/11 |
| 5. Aortic Valve in valve procedure: how to deal with residual gradient and risk of coronary occlusion | 0.25 | 2 | MED/11 |
| 6. Transcatheter treatment of mitral regurgitation: from MitraClip to transcatheter mitral valve replacement and mitral valve in valve | 0.25 | 2 | MED/11 |
| 7. Transcatheter treatment of tricuspid regurgitation: Triclip, ortho-topic and ethero-topic valve replacement | 0.25 | 2 | MED/11 |
| 8. Echocardiography in interventional cardiology | 0.25 | 2 | MED/11 |
| 9. Left atrial appendage occlusion: patient's and device's selection | 0.25 | 2 | MED/11 |



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| 10. Patent foramen Ovale closure: indication, devices and proper patient selection based on PFO anatomy; Atrial septal defect closure | 0.25 | 2 | MED/11 |
| 11. Transcatheter paravalvular leak closure | 0.25 | 2 | MED/11 |
| 12. Peripheral Percutaneous Transluminal Angioplasty (PTA) in interventional cardiology: not only bailout technique | 0.25 | 2 | MED/11 |
| Journal Club Meeting | 2 | 50 | MED/11 |
| Research Meeting | 2 | 50 | MED/11 |
| TOTAL | 7 | 175 | |

OTHER FORMS OF TRAINING

| Professional training | CFU | Hrs | SSD |
|-------------------------------------------|------------|------------|------------|
| Clinical cases discussions | 5 | 125 | TIR |
| Staff meetings and complications meetings | 2 | 50 | TIR |
| Department meetings | 2 | 50 | TIR |
| TOTAL | 9 | 225 | |

| Laboratories/Workshops/ Clinical cases/ | ECTS/CFU | Hrs | SSD |
|----------------------------------------------------|-----------------|------------|------------|
| Catheterization laboratory | 16 | 400 | MED/11 |
| Clinic and hospital ward activities | 18 | 450 | MED/11 |
| TOTAL | 34 | 850 | |

| Final Thesis | CFU/ECTS | Hrs | SSD |
|-----------------------------------|-----------------|------------|------------|
| Sperimental clinic-related thesis | 10 | 250 | PROFIN |
| TOTAL | 10 | 250 | |