

Intervention cardiology fellowship program guide

Objectives

To provide the subspecialty interventional fellow with the theoretical and practical aspects of Percutaneous Coronary Angioplasty, including coronary stent implantation, rotational atherectomy, SHOCK wave lithotripsy (IVL), and imaging-guided PCI by IVUS and OCT in simple and complex procedures including bifurcation, LM cases, and emergency PPCI.

Duration

12 months

Content

- Understand the theoretical aspects of the procedure and its indications.
- Review its indications and pre-procedural management by assessing patients before the procedure.
- Obtain practical and technical competency in the complex procedure by the end of the program including Rotablator, LM, bifurcation, and PPCI.
- Interpretation of intravascular imaging (IVUS / OCT) for cases.
- Be responsible for the post-procedural review and assist in patient care after the procedure.
- Assist in CTO and cardiogenic shock for IMPELLA and ECMO cases.
- Participate in research projects involving these patients.
- Daily morning discussion for the strategy and plan of the treatment.
- Weekly educational coronary meetings for discussion of complex lesions, complicated procedures, and CTO cases.
- Monthly workshops on IVUS, OCT, Rotablator atherectomy, SHOCK wave lithotripsy (IVL), CTO, IMPELLA, and ECMO.
- Fellow evaluation by the program director every 3 months.

Admission Criteria

- Clinical Ph.D. in cardiology, general cardiology fellowship, or equivalent.
- Completed 3 years of general training in Cardiology.

Hands-On Training

Yes