

Interventional Cardiology Levels of Care

PROCEDURE/SKILL	LEVEL OF CARE	SUPERVISION	MILESTONES	MILESTONE LEVEL	COMPETENCY
Coronary Angiography	PGY 7	Direct	Cognitive and Technical knowledge of Invasive Cardiology	3	PC, MK, ICS
Coronary Bypass Angiography	PGY 7	Direct	Cognitive and Technical knowledge of Invasive Cardiology	3	PC, MK, ICS
Ventriculogram	PGY 7	Direct	Cognitive and Technical knowledge of Invasive Cardiology	3	PC, MK, ICS
Right Heart Catheterization	PGY 7	Direct	Cognitive and Technical knowledge of Invasive Cardiology & hemodynamics	3	PC, MK, ICS
Femoral Arterial Access	PGY 7	Direct*	Access and hemostasis	3	PC, MK, ICS
Radial Arterial Access	PGY 7	Direct*	Access and hemostasis	3	PC, MK, ICS
Central Venous Access	PGY 7	Indirect	Access and hemostasis	3	PC, MK, ICS
Aortogram	PGY 7	Direct	Cognitive and Technical knowledge of Vascular Medicine	3	PC, MK, ICS
Peripheral Angiogram	PGY 7	Direct	Cognitive and Technical knowledge of Vascular Medicine	3	PC, MK, ICS
Coronary Stenting	PGY 7	Direct	Cognitive and Technical knowledge of Invasive/Interventional Cardiology	3	PC, MK, ICS
Coronary Balloon Angioplasty	PGY 7	Direct	Cognitive and Technical knowledge of Invasive/Interventional Cardiology	3	PC, MK, ICS
Intra-Aortic Balloon Placement	PGY 7	Direct	Cognitive and Technical knowledge of Invasive/Interventional Cardiology	3	PC, MK, ICS
Mechanical Circulatory Support (Impella)	PGY 7	Direct	Cognitive and Technical knowledge of Invasive/Interventional Cardiology	3	PC, MK, ICS
Endomyocardial Biopsy	PGY 7	Direct	Cognitive and Technical knowledge of Invasive/Interventional Cardiology	3	PC, MK, ICS
Rotablation Atherectomy	PGY 7	Direct	Cognitive and Technical knowledge of Invasive/Interventional Cardiology	3	PC, MK, SBP
Laser Atherectomy	PGY 7	Direct	Cognitive and Technical knowledge of Invasive/Interventional Cardiology	3	PC, MK, SBP.

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Atrial Septal Occluder closure	PGY 7	Direct	Cognitive and Technical knowledge of Invasive/Interventional Cardiology	3	PC, MK, SBP.
Patent Foramena Ovale Closure	PGY 7	Direct	Cognitive and Technical knowledge of Invasive/Interventional Cardiology	3	PC, MK, SBP.
Intra Vascular Ultrasound	PGY 7	Direct	Cognitive and Technical knowledge of Invasive/Interventional Cardiology	3	PC, MK, SBP
Fractional Flow Reserve	PGY 7	Direct	Cognitive and Technical knowledge of Invasive/Interventional Cardiology	3	PC, MK, SBP
Peripheral PTA	PGY 7	Direct	Cognitive and Technical knowledge of Invasive/Interventional Cardiology	3	PC, MK, SBP

Key
Supervision:
Direct - the supervising physician is physically present with the resident and patient.
A faculty physician, other than another resident, is physically present during the key portions of the procedure or is immediately available.
Indirect - the supervising physician is physically within the hospital or other site of patient care and is immediately available to provide direct supervision.
Oversight - the supervising physician is available to provide review of procedures/encounters with feedback after care is provided.
Core Competencies:
1. Patient Care (PC)
2. Medical Knowledge (MK)
3. Practice-Based Learning & Improvement (PBL)
4. Systems-Based Practice (SBP)
5. Interpersonal & Communication Skills (IC)
6. Professionalism (P)