

Clinical Cardiac Electrophysiology Levels of Care

PROCEDURE	LEVEL OF CARE	SUPERVISION	MILESTONE	MILESTONE LEVEL	COMPETENCY
Temporary Pacemaker	PGY 7-8	Direct	Cardiac Emergency management	3	PC, MK
Pericardiocentesis	PGY 7-8	Direct	Cardiac Emergency management	3	PC, MK
Permanent Pacemaker placement	PGY 7-8	Direct	Cardiac rhythm device management	3	PC, MK, ICS
Implantable Cardiac Defibrillator placement	PGY 7-8	Direct	Cardiac rhythm device management	3	PC, MK, ICS
Pacemaker generator change	PGY 7-8	Direct	Cardiac rhythm device management	3	PC, MK, ICS
ICD generator change	PGY 7-8	Direct	Cardiac rhythm device management	3	PC, MK, ICS
Pacemaker lead revision/upgrade	PGY 7-8	Direct	Cardiac rhythm device management	3	PC, MK, ICS
ICD lead revision/upgrade	PGY 7-8	Direct	Cardiac rhythm device management	3	PC, MK, ICS
Cardiac resynchronization implantation	PGY 7-8	Direct	Cardiac rhythm device management	3	PC, MK, ICS
Cardiac device pocket revision	PGY 7-8	Direct	Cardiac rhythm device management	3	PC, MK, ICS
Leadless pacemaker insertion	PGY 7-8	Direct	Cardiac rhythm device management	3	PC, MK, ICS
Implantable Loop Monitor Insertion	PGY 7-8	Direct	Cardiac rhythm device management	3	PC, MK, ICS
Pacemaker Interogation	PGY 7-8	Indirect	Cardiac rhythm device management	3	PC, MK, ICS,
Defibrillator Interogation	PGY 7-8	Indirect	Cardiac rhythm device management	3	PC, MK, ICS,
Cardiac device extraction	PGY 7-8	Direct	Cardiac rhythm device management	3	PC, MK, ICS,
Electrophysiological Studies	PGY 7-8	Direct	Cardiac rhythm disturbance management	3	PC, MK, ICS
Intracardiac Ablations	PGY 7-8	Direct	Cardiac rhythm disturbance management	3	PC, MK, ICS
Transseptal puncture	PGY 7-8	Direct	Cardiac rhythm disturbance management	3	PC, MK, ICS

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3-D mapping	PGY 7-8	Direct	Cardiac rhythm disturbance management	3	PC, MK, ICS
Electrogram analysis	PGY 7-8	Direct	Cardiac rhythm disturbance management	3	PC, MK, ICS
Left atrial appendage Occlusion	PGY 7-8	Direct	Stroke management	3	PC, MK, ICS
Non-invasive EP Study	PGY 7-8	Direct	Cardiac rhythm disturbance management	3	PC, MK, ICS
Ambulatory monitoring	PGY 7-8	Indirect	Cardiac rhythm disturbance management	3	PC, MK, ICS
Head Up Tilt Table Test	PGY 7-8	Indirect	Syncope management	3	PC, MK, ICS
Drug Challenge Studies	PGY 7-8	Indirect	Cardiac rhythm disturbance management	3	PC, MK, ICS,
Intra Vascular Ultrasound	PGY 7-8	Direct	Cognitive and Technical knowledge of Invasive Cardiology	3	PC, MK, SBP

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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)