

Cardiology levels of care

Procedure	Level of care/ Fellowship Year	Supervision	Milestones	Milestone Level	Competency
Coronary Angiography	1, 2,3	Direct Supervision	Cognitive and Technical knowledge of Invasive Cardiology	2	PC, MK, ICS
Coronary Bypass Angiography	1, 2,3	Direct Supervision	Cognitive and Technical knowledge of Invasive Cardiology	2	PC, MK, ICS
Ventriculogram	1, 2,3	Direct Supervision	Cognitive and Technical knowledge of Invasive Cardiology	2	PC, MK, ICS
Right Heart Catheterization	1, 2,3	Direct Supervision	Cognitive and Technical knowledge of Invasive Cardiology & hemodynamics	2	PC, MK, ICS
Femoral Arterial Access	1, 2,3	Direct Supervision/ Indirect Supervision	Access and hemostasis	2	PC, MK, ICS
Radial Arterial Access	1, 2,3	Direct Supervision/ Indirect Supervision	Access and hemostasis	2	PC, MK, ICS
Central Venous Access	1, 2,3	Indirect Supervision	Access and hemostasis	2	PC, MK, ICS
Aortogram	1, 2,3	Direct Supervision	Cognitive and Technical knowledge of Vascular Medicine	2	PC, MK, ICS
Peripheral Angiogram	1, 2,3	Direct Supervision	Cognitive and Technical knowledge of Vascular Medicine	2	PC, MK, ICS
Coronary Stenting	1, 2,3	Direct Supervision	Cognitive and Technical knowledge of Invasive/Interventional Cardiology	3	PC, MK, ICS
Cronary Ballon Angioplasty	1, 2,3	Direct Supervision	Cognitive and Technical knowledge of Invasive/Interventional Cardiology	3	PC, MK, ICS
Intra Aortic Balloon Placement	1, 2,3	Direct Supervision	Cognitive and Technical knowledge of Invasive/Interventional Cardiology	3	PC, MK, ICS
Mechanical Circulatory Support	1, 2,3	Direct Supervision	Cognitive and Technical knowledge of Invasive/Interventional Cardiology	3	PC, MK, ICS
Endomyocardial Biopsy	1, 2,3	Direct Supervision	Cognitive and Technical knowledge of Invasive/Interventional Cardiology	3	PC, MK, ICS

Echocardiogram	1, 2,3	Oversight	Noninvasive evaluation of cardiac anatomy and function	2	PC, MK, ICS,SBP
Stress Echo	1, 2,3	Indirect Supervision	Noninvasive evaluation of myocardial ischemia	2	PC, MK, ICS,SBP
Procedure	Level of care/ Fellowship Year	Supervision	Milestones	Milestone Level	Competency
Dobutamine Stress Echo	1, 2,3	Indirect Supervision	Noninvasive evaluation of myocardial ischemia	2	PC, MK, ICS,SBP
Cardioversion	1, 2,3	Direct Supervision/ Indirect Supervision	Cardiac Emergency management	2	PC, MK, ICS,SBP
IntraCardiac Echo	1, 2,3	Direct Supervision	Invasive evaluation of cardiac anatomy and function	2	PC, MK, ICS,SBP
Transesophageal Echocardiogram	1, 2,3	Direct Supervision	Invasive evaluation of cardiac anatomy and function	2	PC, MK, ICS,SBP
Contrast Echocardiogram	1, 2,3	Indirect Supervision	Noninvasive evaluation of cardiac anatomy and function	2	PC, MK, ICS,SBP
Saline Bubble Study	1, 2,3	Indirect Supervision	Stroke and Cardiac Shunt risk stratification	2	PC, MK, ICS,SBP
Treadmill Stress Test	1, 2,3	Indirect Supervision	Noninvasive evaluation of myocardial ischemia	2	PC, MK, ICS,SBP
Lexiscan Cardiolute	1, 2,3	Indirect Supervision	Noninvasive evaluation of myocardial ischemia	2	PC, MK, ICS,SBP
Temporary Pacemaker	1, 2,3	Direct Supervision	Cardiac Emergency management	2	PC, MK
Pericardiocentesis	1, 2,3	Direct Supervision	Cardiac Emergency management	2	PC, MK
Permanent Pacemaker placement	1, 2,3	Direct Supervision	Cardiac rhythm disturbance management	2	PC, MK, ICS
IntraCardiac Defibrillator placement	1, 2,3	Direct Supervision	Invasive evaluation and management of Systolic Heart Failure	2	PC, MK, ICS
Electrophysiological Studies	1, 2,3	Direct Supervision	Cardiac rhythm disturbance management	2	PC, MK, ICS
Intracardiac Ablations	1, 2,3	Direct Supervision	Cardiac rhythm disturbance management	2	PC, MK, ICS

Head Up Tilt Table Test	1, 2,3	Indirect Supervision	Syncope management	2	PC, MK, ICS
Link Cardiac Monitor Insertion	1, 2,3	Direct Supervision	Cardiac rhythm disturbance and syncope management	2	PC, MK, ICS
Pacemaker Interrogation	1, 2,3	Indirect Supervision	Cardiac rhythm disturbance management	2	PC, MK, ICS,
Defibrillator Interrogation	1, 2,3	Indirect Supervision	Cardiac rhythm disturbance management	2	PC, MK, ICS,
Procainamide Drug Challenge	1, 2,3	Indirect Supervision	Cardiac rhythm disturbance management	2	PC, MK, ICS,