Implantable Cardiac Device Procedures in Older Patients

Use and In-Hospital Outcomes

Jason P. Swindle, MPH; Michael W. Rich, MD; Patrick McCann, MD; Thomas E. Burroughs, PhD; Paul J. Hauptman, MD

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eAppendix 1. International Classification of Diseases, Ninth Revision Procedure Codes for Concomitant Cardiac Procedures

- Diagnostic cardiac catheterization: 37.21-37.23, 88.52-88.58
- Pacemaker: 37.8-37.89, 37.99
- Percutaneous coronary intervention: 36.01-36.02, 36.05-36.06, 36.09
- Coronary artery bypass grafting surgery: 36.10-36.19
- Catheter ablation: 37.34
- Heart valve surgery: 35.00-35.04, 35.10-35.14, 35.20-35.28, 35.33-35.35, 35.93, 35.95-35.99

eAppendix 2. International Classification of Diseases, Ninth Revision Procedure Codes for Device Monitoring

- Noninvasive programmed electrical stimulation (NIPS): 37.20
- Cardiac stress tests, pacemaker, and defibrillator checks: 89.4, 89.49
- Automatic implantable cardioverter defibrillator (AICD) check: 84.49