

Appendix 1: International Classification of Diseases (ICD, ninth and tenth revision) codes used to define the study population*

Event	ICD-9, ICD-9-CCP	ICD-9-CM	ICD-10-CA, ICD-10-CA-CCI
Ventricular fibrillation	427.4	427.41	I49.0, I49.00
Ventricular flutter	427.4	427.42	I49.01
Cardiac arrest	427.5	427.5	I46.0, I46.1, I46.9
Myocardial infarction	410	410.00, 410.01, 410.10, 410.11, 410.20, 410.21, 410.30, 410.31, 410.40, 410.41, 410.50, 410.51, 410.60, 410.61, 410.70, 410.71, 410.80, 410.81, 410.90, 410.91	I21.0, I21.1, I21.2, I21.3, I21.4, I21.41, I21.42, I21.49, I21.9, I22.0, I22.1, I22.8, I22.0
Defibrillator	37.94	49.74	1.HZ.53.GR-FS

Note: CCP = Canadian Classification of Procedures, CM = clinical modification, CA = Canadian enhancement, CCI = Canadian Classification of Health Interventions.

*Because some Canadian provinces and territories lacked the capacity for implantation of implantable cardioverter defibrillators during some part of the 9-year study period, we excluded data from Newfoundland and Labrador, New Brunswick, Prince Edward Island and all of the territories.