

Appendix 1. Cardiac diagnosis of Syncope and ICD codes used for the data extraction

Cardiac Diagnosis	ICD 10 code	ICD 9 code
1. Cardiomyopathy [hypertrophic and dilated]	I42.2	425.18
2. Long-QT syndrome (LTQS)	I45.81	426.82
3. Atrioventricular (AV) block	I44.30	426.10
4. Coronary abnormalities	Q24.5	746.85
5. Ventricular tachycardia	I47.2	427.1
6. Catecholaminergic polymorphic ventricular tachycardia (CPVT)	I47.2	427.1
7. Arrhythmogenic right ventricular dysplasia	I42.8	746.89
8. Brugada syndrome	I49.8	746.89
9. Primary pulmonary hypertension	I27.0	416.8
10. Myocarditis	I40.0	429.0
11. Double chamber right ventricle	Q20.1	745.11
12. Paroxysmal supraventricular tachycardia	I47.1	427.0
13. Other specified congenital anomaly of heart	Q24.8	746.89
14. Wolff Parkinson White (WPW) Syndrome	I45.6	426.7
15. Valvular aortic stenosis	I35.0	424.1
16. Sinus Pause	I49.5	427.81

Appendix 2. Past Cardiac History

Past Cardiac History
<i>Structural cardiac abnormalities-</i> <i>Valvular stenosis</i> <i>Cardiomyopathy</i> <i>Outflow tract Obstruction</i> <i>Post cardiac surgery</i>
<i>Electrical abnormalities</i> <i>Long QT syndrome- QT interval > 460 msec</i> <i>AV block</i> <i>WPW syndrome</i> <i>Brugada syndrome</i> <i>Paroxysmal supraventricular tachycardia</i> <i>Pacemaker</i> <i>Sinus Pause</i> <i>CPVT</i>