

Supplementary table 1: Key ICD-10 and PCS code and corresponding diagnosis and procedures

ICD-10 code	Diagnosis/procedure
E78.01	Familial hypercholesterolemia
I21	Acute myocardial infarction
I21.0, I21.1, I21.2, I 21.3	STEMI
I21.4	NSTEMI
I21.A1	Type 2 MI
I51.81	Takotsubo
I21.A9, I21.9	Non-ischemic myocardial injury
I472	Ventricular tachycardia
02H40KZ, 02H43KZ, 02H44KZ, 02H60KZ, 02H63KZ, 02H64KZ, 02H70KZ, 02H73KZ, 02H74KZ, 02HK0KZ, 02HK3KZ, 02HK4KZ, 02HL0KZ, 02HL3KZ, 02HL4KZ, 02HNOKZ, 02HN3KZ, 02HN4KZ, 0JH608Z, 0JH60FZ, 0JH638Z, 0JH63FZ, 0JH808Z, 0JH838Z, 02H73JZ, 02H70NZ, 02H70JZ, 02H64NZ, 02H64JZ, 02H63NZ, 02H63JZ, 02H60NZ, 02H60JZ	ICD implantation
5A2204Z	Cardioversion
I462, I469	Cardiac arrest
R570, T8111XA, T8111XS	Cardiogenic shock
0270, 0271, 0273, 0272	PCI
0210, 0212, 0211, 0214	CABG
5A02110, 5A02210, 5A02216, 5A02116, 5A0221D, 5A1522G, 5A15223, 5A15A2H, 5A15A2F, 5A1522F, 5A1522H, 5A0211D, 5A15A2G, 02HA3RZ	Mechanical circulatory device
5A1955Z, 5A1935Z, 5A1945Z	Mechanical ventilation