**Supplemental Table 1. International Classification of Disease-9 Description**

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| ICD9 | ICD9 Description CHD |  |  |
| 426.0 | Atrioventricular block complete | 428.4 | Combined systolic and diastolic heart failure |
| 426.1 | Atrioventricular block, other and unspecified | 428.40 | Systolic/diastolic heart failure NOS |
| 426.10 | Atrioventricular block NOS | 428.41 | Acute systolic/diastolic heart failure |
| 426.11 | Atrioventricular block-1st degree | 428.42 | Chronic systolic/diastolic heart failure |
| 426.12 | Atrioventricular block-mobitz ii | 428.43 | Acute/chronic systolic/diastolic heart failure |
| 426.13 | Atrioventricular block-2nd degree NEC | 428.9 | Heart failure NOS |
| 426.50 | Bundle branch block NOS | 584.9 | Acute kidney failure NOS |
| 427.0 | Paroxysmal atrial tachycardia | 585.9 | Chronic kidney disease NOS |
| 427.1 | Paroxysmal ventricular tachycardia | 745.0 | Common arterial trunk |
| 427.2 | Paroxysmal tachycardia NOS | 745.10 | Complete transposition of the great vessels |
| 427.3 | Atrial fibrillation and flutter | 745.11 | Double outlet right ventricle |
| 427.31 | Atrial fibrillation | 745.12 | Congenitally corrected transposition of the great vessels |
| 427.32 | Atrial flutter | 745.19 | Transposition of the great vessels NEC |
| 427.4 | Ventricular fibrillation and flutter | 745.5 | Secundum atrial septal defect |
| 427.41 | Ventricular fibrillation | 745.60 | Atrioventricular septal defect |
| 427.42 | Ventricular flutter | 745.61 | Ostium primum defect |
| 428.0 | Congestive heart failure NOS | 745.69 | Endocardial cushion defect NEC |
| 428.1 | Left heart failure | 746.01 | Congenital pulmonary valve atresia |
| 428.2 | Systolic heart failure | 746.1 | Congenital tricuspid atresia/stenosis |
| 428.20 | Systolic heart failure NOS | 746.2 | Ebstein's anomaly |
| 428.21 | Acute systolic heart failure | 746.7 | Hypoplastic left heart syndrome |
| 428.22 | Chronic systolic heart failure | 746.85 | Coronary artery anomaly |
| 428.23 | Acute on chronic systolic heart failure |  |  |
| 428.3 | Diastolic heart failure |  |  |
| 428.30 | Diastolic heart failure NOS |  |  |
| 428.31 | Acute diastolic heart failure |  |  |
| 428.32 | Chronic diastolic heart failure |  |  |
| 428.33 | Acute on chronic diastolic heart failure |  |  |

*Abbreviations: CHD, Congenital Heart Disease. ICD9, International Classification of Disease-9. NEC, not elsewhere classifiable. NOS, not otherwise specified.*