**Supplementary Table S2**

**A Medical Claims Sub-categories**

The table shows the ICD-10-CM and/or other insurance claims codes used to classify medical costs incurred during the study period. Codes with “xx” shown indicate that all digits or characters in the corresponding positions were included in the category (i.e. I21.xx indicates that I21.0, I21.01, etc are all included).

|  |  |  |
| --- | --- | --- |
| **Sub-Category** | **ICD-10-CM Codes** | **Other Codes** |
| Hypertension related | I10.I12.xx I13.xxI16.xx |  |
| Cardiovascular (CV) related | I20.xx, I21.xx, I22.xx, I23.xx, I24.xx, I25.xx, I46.xx, I47.xx, I48.xx, I49.xx, I50.xx, I60.xx, I61.xx, I62.xx, I63.xx, I64.xx, I65.xx, I66.xx, I67.xx, I68.xx, I69.xx, I71.xx, R94.30, R94.31, R94.39, R00.0, R00.1,R00.2, R00.8, R00.9, R01.1, R01.2, R93.1 | **CPT:** 929xx, 930xx, 932xx, 933xx, 934xx,935xx, 936xx, 937xx**ICD-10-PCS:** 02xxxxx, 03xxxxx, 04xxxxx, 05xxxxx, 06xxxxx, 4A02xxx, 4A12xxx, 5A02110, 5A02115, 5A02116, 5A0211D,5A02210, 5A02115, 5A02216, 5A0221D,5A12012, 5A1213Z, 5A1221Z, 5A1223Z,5A2204Z, 4B02XTZ, 8E023DZ, B2xxxxx,C2xxxxx**DRG:** 215, 216, 217, 218, 219, 220, 221, 222,223, 224, 225, 226, 227, 228, 229, 231, 232, 233,234, 235, 236, 239, 240, 241, 242, 243, 244, 245,246, 247, 248, 249, 250, 251, 252, 253, 254, 258,259, 260, 261, 262, 263, 264, 265, 266, 267, 268,269, 270, 271, 272, 273, 274, 280, 281, 282, 283,284, 285, 286, 287, 288, 289, 290, 291, 292, 293,294, 295, 296, 297, 298, 299, 300, 301, 302, 303,304, 305, 308, 309, 310, 311, 313, 314, 315, 316,319, 320**Revenue codes** (Internal) for Coronary Care, Heart/Arterial X-ray, Cardiac Service, EKG orHeart Transplant Service |
| Emergency Room (ER) |  | **BETOS** = M3**Revenue Codes** (internal) for Emergency Room **Place of Service** (internal) for Emergency Room **Milliman Line Categories:**FOP Emergency Care or ProfessionalEmergency/Observation care) |
| CV ER | Combined ER and Cardiovascular related flags |

**B Hypertension-related Prescription Drugs**

|  |
| --- |
| **Drug Name** |
| AMLODIPINE BESYLATE CARTIA XTDIGOXIN FELODIPINE ER NIFEDIPINE ER VERAPAMIL ERAMLODIPINE BESYLATE-BE ATENOLOLBISOPROLOL FUMARATE CANDESARTAN CILEXETIL CARVEDILOLENALAPRIL MALEATE HYDRALAZINE HCL IRBESARTAN LABETALOL HCL LISINOPRILLISINOPRIL-HYDROCHLORO LOSARTAN POTASSIUM LOSARTAN-HYDROCHLOROTH METOPROLOL SUCCINATE METOPROLOL TARTRATE OLMESARTAN MEDOXOMIL OLMESARTAN-HYDROCHLORO PROPRANOLOL HCL ER QUINAPRIL HCLVALSARTANVALSARTAN-HYDROCHLOROT |