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| if code in: ('i24','i255') then cmrb = "acs"; \*acute coronary disease; |
| if code in: ('i20') then cmrb = "angina"; \*angina; |
| if code in: ('i480','i481','i482') then cmrb = "afib"; \*atrial fibrillation; |
| if code in: ('i483','i484') then cmrb = "aflu"; \*atrial flutter; |
| if code in: ('r001') then cmrb = "brady"; \*bradycardia; |
| if code in: ('i46') then cmrb = "ca"; \*cardic arrest; |
| if code in: ('r570') then cmrb = "cs"; \*cardiogenic shock; |
| if code in: ('i50') then cmrb = "hf"; \*heart failure; |
| if code in: ('i255') then cmrb = "icm"; \*ischemic cardiomyopathy; |
| if code in: ('i21','i22') then cmrb = "mi"; \*myocardial infarction; |
| if code in: ('i42','i43','b3324') then cmrb = "carmyo"; \*non-ischemic cardiomyopathy; |
| if code in: ('i30','i311','i312','i313','i318','i319','i32','b3323') then cmrb = "peri"; \*pericarditis; |
| if code in: ('r000') then cmrb = "tachy"; \*tachycardia; |
| if code in: ('i490','i470','i471','i472') then cmrb = "varr"; |
| if code in: ('d60','d61','d63','d64','d62') then cmrb = "anemia"; \*anemia; |
| if (loinc in: ('34714-6', '46418-0', '6301-6') and value>1) or (loinc in:('3173-2', '14979-9') and value>35) or (loinc in:('5902-2', '5964-2') and value>13) then cmrb=“coagml”; \*coagulopathy, in order of abnormal international normalized ratio, partial thromboplastin time (units of s), and prothrombin time laboratory results (units of s) ; |
| if code in: ('i824','i825') then cmrb = "dv"; \*deep vein thrombosis; |
| if code in: ('i26') then cmrb = "pe"; \*pulmonary embolism; |
| if code in: ('i820','i821','i822','i823','i826','i827','i82a','i82b', 'i82c','i828','i829') then cmrb = "vte"; \*veinous thrombolitic embolism; |
| if dmicd=1 or dmmed=1 or hba1c>6.4; \*define DM based on lab, icd and medicaiton; |
| if code in: ('r100','r101','r103','r108','r109') then cmrb = "abdpai"; \*abdominal pain; |
| if code in: ('k290') then cmrb = "acugas"; \*acute gastritis; |
| if (code in: ('k85')) or (loinc in: ('1798-8') and value>390) or (loinc in: ('3040-3') and value>300) then cmrb = "acupan"; \*acute pancreatitis in order of diagnosis, and abnormal amylase (units of U/L) or lipase (units of U/L) laboratory results; |
| if code in: ('k830') then cmrb = "cholan"; \*cholangitis; |
| if code in: ('k590') then cmrb = "consti"; \*constipation; |
| if code in: ('k591','r197') then cmrb = "diarrh"; \*diarrhea; |
| if code in: ('k21') then cmrb = "gerd"; \*gastro-esophageal reflux disease; |
| if code in: ('k55') then cmrb = "ibs"; \*irritable bowel syndrome; |
| if (loinc in: ('1751-7') and value<3.5) or (loinc in: (‘1920-8’, ‘30239-8’) and value>35) or (loinc in: ('1968-7', '15152-2') and value>0.3) or (loinc in: ('2885-2') and value<6.0) or (loinc in: ('6768-6') and value>92) or (loinc in: ('1988-5, '30522-7') and value>0.8) or (loinc in: ('2324-2') and value>30)  or (loinc in: ('2532-0') and value>100) or (loinc in: ('1742-6', '1743-4', '1744-2') and value>35)  or (loinc in: ('1975-2') and value>1.2) then cmrb=“liverab”; \*liver abnormalities, in order of abnormal albumin (units of g/dL), aspartate transaminase (units of U/L), direct bilirubin (units of mg/dL), total protein (units of g/dL), alkaline phosphatase (units of U/L), c-reactive peptide (units of mg/dL), gamma-glutamyl transferase (units of U/L), lactose dehydrogenase (units of U/L), alanine transaminase (units of U/L), total bilirubin (units of mg/dL) laboratory results; |
| if code in: ('k25','k26','k27','k28') then cmrb = "pepulc"; \*peptic ulcer disease; |
| if code in: ('r111') then cmrb = "vomiti"; \*vomiting; |
| if code in: ('r53') then cmrb = "fatigue"; \*fatigue; |
| if code in:("n17","n19") then cmrb = "aki"; |
| if code in:("n18") then cmrb = "ckd"; |
| if egfr<baseegfr\*0.7 then cmrb="deline30" \*egfr deline>30% |
| if Ktrans=1 or Dialysis=1 then cmrb="esrk"; \* end stage kidney disease |
| if code in: ('f432') then cmrb = "adjustment"; |
| if code in: ('f10') then cmrb = "alc"; |
| if code in: ('f32','f33') then cmrb = "dd"; \*depressive disorders |
| if code in: ('f411','f419') then cmrb = "gad"; \*GAD |
| if code in: ('f12','f14','f15','f16','f18','f19') then cmrb = "illicit"; |
| if code in: ('f413','f418') then cmrb = "mixed"; |
| if code in: ('f17') then cmrb = "nic"; |
| if code in: ('f11') then cmrb = "opioid\_abuse"; |
| if code in: ('f410') then cmrb = "panic"; |
| if code in: ('f431') then cmrb = "ptsd"; |
| if code in: ('f13') then cmrb = "hypno"; |
| if code in: ('g47','f51') then cmrb = "sleep"; |
| if code in: ('r45851') then cmrb = "si"; |
| if code in: ('m255') then cmrb = "joint"; \*joint pain; |
| if code in: ('m791') then cmrb = "myalgia"; \*myalgias; |
| if code in: ('g72') then cmrb = "myopathy"; \*myopathy; |
| if code in: ('m15','m16','m17','m18','m19') then cmrb = "ora"; \*Osteoarthritis ; |
| if code in: ('r25') then cmrb = "abnormal"; \*abnormal movements; |
| if code in: ('g30') then cmrb = "alzheimer"; \*alzheimers disease; |
| if code in: ('g51.0') then cmrb = "bells"; \*Bell's palsy; |
| if code in: ('r42') then cmrb = "dizziness"; \*dizziness; |
| if code in: ('g900','g903','g904','g905','g908','g909') then cmrb = "dysauto"; \*dysautonomia; |
| if code in: ('g24') then cmrb = "dystonia"; \*dystonia; |
| if code in: ('g40') then cmrb = "seizure"; \*seizure; |
| if code in: ('g44') then cmrb = "headache"; \*headache; |
| if code in: ('h90','h91','h93') then cmrb = "hearing"; \*loss of hearing; |
| if code in: ('g46,'i63') then cmrb = "stroke"; \*Ischemic stroke; |
| if code in: ('r430','r431') then cmrb = "smell"; \*loss of smell; |
| if code in: ('r411','r412','r413','g31','f03') then cmrb = "amnesia"; \*memory problems; |
| if code in: ('g43') then cmrb = "migraine"; \*migraine; |
| if code in: ('g454','f440','f04', 'f01','f02','g311','g3183','g3184','g3189','g3185','g319') then cmrb = "ncd"; |
| if code in: ('r202') then cmrb = "paresthesia"; \*paresthesias; |
| if code in: ('g20') then cmrb = "park"; \*parkinsons-like disease; |
| if code in: ('g611','g618','g619','g62') then cmrb = "poly"; \*polyneuropathy; |
| if code in: ('r400') then cmrb = "somnolence"; \*somnolence; |
| if code in: ('g45') then cmrb = "tcia"; \*transient cerebral ischemic attack; |
| if code in: ('h53','h54','h34','h356') then cmrb = "vision"; \*vision abnormalities; |
| if code in: ("r05") then cmrb = "cough"; |
| if code in: ('k30') then cmrb = "fundys"; \*functional dyspepsia; |
| if code in: ("r0902") then cmrb = "hypoxemia"; |
| if code in: ('j841', 'j8449', 'j849') then cmrb = "inter"; |