Appendix: Algorithms used to identify variables in the study titled:

Rosiglitazone use and post-discontinuation glycaemic control in two European countries, 2000-2010

Diagnostic codes used to Abstract the Danish National Registry of Patients

<table>
<thead>
<tr>
<th>Disease/condition</th>
<th>ICD-8 code</th>
<th>ICD-10 code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diabetes type 1</td>
<td>249.00; 249.06; 249.07; 249.09</td>
<td>E10.0; E10.1; E10.9</td>
</tr>
<tr>
<td>Diabetes type 2</td>
<td>250.00; 250.06; 250.07; 250.09</td>
<td>E11.0; E11.1; E11.9</td>
</tr>
<tr>
<td>Acute myocardial infarction</td>
<td>410</td>
<td>I21, I22, I23</td>
</tr>
<tr>
<td>Ischemic heart disease (acute and chronic)</td>
<td>411-414</td>
<td>I20, I24, I25</td>
</tr>
<tr>
<td>Congestive heart failure</td>
<td>427.09, 427.10, 427.11, 427.19, 428.99, 782.49;</td>
<td>I50, I11.0, I13.0, I13.2</td>
</tr>
<tr>
<td>Other cardiac disease</td>
<td>393–398, 400–404</td>
<td>I05–I09</td>
</tr>
<tr>
<td>Peripheral vascular disease</td>
<td>440, 441, 442, 443, 444, 445</td>
<td>I70, I71, I72, I73, I74, I77</td>
</tr>
<tr>
<td>Ischemic stroke</td>
<td>430-438 (cerebrovascular disease)</td>
<td>I63-64</td>
</tr>
<tr>
<td>Alcoholism</td>
<td>291, 303, 577.10, 571.09, 571.10</td>
<td>F10.1-F10.9, G31.2, G62.1, G72.1, I42.6, K29.2, K86.0, Z72.1</td>
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<tr>
<td>Obesity</td>
<td>277.99</td>
<td>E65-E66</td>
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<tr>
<td>Mild liver disease</td>
<td>571, 573.01, 573.04</td>
<td>B18, K70.0–K70.3, K70.9, K71, K73, K74, K76.0</td>
</tr>
<tr>
<td>Moderate to severe liver disease</td>
<td>070.00, 070.02, 070.04, 070.06, 070.08, 573.00, 456.00–456.09</td>
<td>B15.0, B16.0, B16.2, B19.0, K70.4, K72, K76.6, I85</td>
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<tr>
<td>Deep vein thrombosis</td>
<td>451.00</td>
<td>I81, I82</td>
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<tr>
<td>Pulmonary embolism</td>
<td>450.99</td>
<td>I26</td>
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</table>

ICD-8: [http://www.sst.dk/Indberetning%20og%20statistik/Klassifikationer/SKS_download.aspx](http://www.sst.dk/Indberetning%20og%20statistik/Klassifikationer/SKS_download.aspx)

ICD-10: [http://apps.who.int/classifications/apps/icd/icd10online/](http://apps.who.int/classifications/apps/icd/icd10online/)
### Diagnostic codes used to compute Charlson Comorbidity Index

<table>
<thead>
<tr>
<th>Disease</th>
<th>ICD-8 code</th>
<th>ICD-10 code</th>
</tr>
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<tbody>
<tr>
<td>Myocardial infarction</td>
<td>410</td>
<td>I21;I22;I23</td>
</tr>
<tr>
<td>Congestive heart failure</td>
<td>427.09; 427.10; 427.11; 427.19; 428.99; 782.49</td>
<td>I50; I11.0; I13.0; I13.2</td>
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<tr>
<td>Peripheral vascular disease</td>
<td>440; 441; 442; 443; 444; 445</td>
<td>I70; I71; I72; I73; I74; I77</td>
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<tr>
<td>Cerebrovascular disease</td>
<td>430-438</td>
<td>I60-I69; G45; G46</td>
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<tr>
<td>Dementia</td>
<td>290.09-290.19; 293.09</td>
<td>F00-F03; F05.1; G30</td>
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<tr>
<td>Chronic pulmonary disease</td>
<td>490-493; 515-518</td>
<td>J40-J47; J60-J67; J68.4; J70.1; J70.3; J84.1; J92.0; J96.1; J98.2; J98.3</td>
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<tr>
<td>Connective tissue disease</td>
<td>712; 716; 734; 446; 135.99</td>
<td>M05; M06; M08; M09;M30;M31; M32; M33; M34; M35; M36; M37; D86</td>
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<tr>
<td>Ulcer disease</td>
<td>530.91; 530.98; 531-534</td>
<td>K22.1; K25-K28</td>
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<tr>
<td>Mild liver disease</td>
<td>571; 573.01; 573.04</td>
<td>B18; K70.0-K70.3; K70.9; K71; K73; K74; K76.0</td>
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<tr>
<td>Diabetes type1</td>
<td>249.00; 249.06; 249.07; 249.09</td>
<td>E10.0; E10.1; E10.9</td>
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<tr>
<td>Diabetes type2</td>
<td>250.00; 250.06; 250.07; 250.09</td>
<td>E11.0; E11.1; E11.9</td>
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<tr>
<td>Hemiplegia</td>
<td>344</td>
<td>G81; G82</td>
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<tr>
<td>Moderate to severe renal disease</td>
<td>403; 404; 580-583; 584; 590.09; 593.19; 753.10-753.19; 792</td>
<td>I12; I13; N00-N05; N07; N11; N14; N17-N19; Q61</td>
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<tr>
<td>Diabetes with end organ damage type1</td>
<td>249.01-249.05; 249.08</td>
<td>E10.2-E10.8</td>
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<tr>
<td>Diabetes with end organ damage type2</td>
<td>250.01-250.05; 250.08</td>
<td>E11.2-E11.8</td>
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<tr>
<td>Any tumor</td>
<td>140-194</td>
<td>C00-C75</td>
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<tr>
<td>Leukemia</td>
<td>204-207</td>
<td>C91-C95</td>
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<tr>
<td>Lymphoma</td>
<td>200-203; 275.59</td>
<td>C81-C85; C88; C90; C96</td>
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<tr>
<td>Moderate to severe liver disease</td>
<td>070.00; 070.02; 070.04; 070.06; 070.08; 573.00; 456.00-456.09</td>
<td>B15.0; B16.0; B16.2; B19.0; K70.4; K72; K76.6; I85</td>
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<tr>
<td>Metastatic solid tumor</td>
<td>195-198; 199</td>
<td>C76-C80</td>
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<tr>
<td>AIDS</td>
<td>079.83</td>
<td>B21-B24</td>
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Anatomical Therapeutic Chemical (ATC) codes used to abstract the Aarhus University Prescription Database

<table>
<thead>
<tr>
<th>Drug</th>
<th>ATC code</th>
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<tbody>
<tr>
<td>Drugs used in diabetes</td>
<td>A10</td>
</tr>
<tr>
<td>Insulins and analogues for injection, fast-acting</td>
<td>A10AB</td>
</tr>
<tr>
<td>Insulins and analogues for injection, intermediate-acting</td>
<td>A10AC</td>
</tr>
<tr>
<td>Insulins and analogues for injection, intermediate-acting combined with fast-acting</td>
<td>A10AD</td>
</tr>
<tr>
<td>Insulins and analogues for injection, long-acting</td>
<td>A10AE</td>
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<tr>
<td>Insulins and analogues for inhalation</td>
<td>A10AF</td>
</tr>
<tr>
<td>Rosiglitazone preparations</td>
<td>A10BG02 rosiglitazone</td>
</tr>
<tr>
<td></td>
<td>A10BD03 rosiglitazone+metformin</td>
</tr>
<tr>
<td></td>
<td>A10BD04 rosiglitazone+glimepiride</td>
</tr>
<tr>
<td>Biguanides</td>
<td>A10BA</td>
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<tr>
<td>Sulfonamides, urea derivatives</td>
<td>A10BB</td>
</tr>
<tr>
<td>Sulfonamides (heterocyclic)</td>
<td>A10BC</td>
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<tr>
<td>Combinations of oral blood glucose lowering drugs</td>
<td>A10BD (except A10BD03 and A10BD04)</td>
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<tr>
<td>Thiazolidinediones other than rosiglitazone</td>
<td>A10BG03 (pioglitazone)</td>
</tr>
<tr>
<td>Alpha glucosidase inhibitors</td>
<td>A10BF</td>
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<tr>
<td>Dipeptidyl peptidase 4 (DPP-4) inhibitors</td>
<td>A10BH</td>
</tr>
<tr>
<td>Other blood glucose lowering drugs, excl. insulins</td>
<td>A10BX</td>
</tr>
<tr>
<td>Lipid-lowering drugs including statins</td>
<td>C10A</td>
</tr>
<tr>
<td>Antihypertensive agents</td>
<td>C07 (beta blockers)</td>
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<tr>
<td></td>
<td>C08 (calcium channel blockers)</td>
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<tr>
<td></td>
<td>C09, C09 (ACE-inhibitors and angiotensin blockers)</td>
</tr>
<tr>
<td>Diuretics (loop, potassium sparing, thiazide)</td>
<td>C03</td>
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<tr>
<td>Nitrates</td>
<td>C01DA</td>
</tr>
<tr>
<td>Antiplatelet agents (anti-thrombotic)</td>
<td>B01A</td>
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</table>

ATC classification: [http://www.whocc.no/atc_ddd_index/](http://www.whocc.no/atc_ddd_index/)
Codes used to identify laboratory tests according to the International Union of Pure and Applied Chemistry (IUPAC)

<table>
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<tr>
<th>Test</th>
<th>IUPAC codes</th>
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<td>Fasting blood glucose</td>
<td>ASS00203, ASS00204, DNK35842, NPU02193, NPU02195, NPU08509, NPU08972, NPU22069</td>
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<tr>
<td>HbA1c</td>
<td>NPU02307, NPU03835</td>
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<tr>
<td>Haemoglobin (anaemia)</td>
<td>NPU02319, AAA00359, AAA00137, AAA00115</td>
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<tr>
<td>Alanintransaminase</td>
<td>DNK05051, NPU19651</td>
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<tr>
<td>Albumin/creatinine ratio (urine)</td>
<td>ASS00023, ASS00024, ASS00194, AAA00760, DNK05289, NPU03918, NPU03929, 10913</td>
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<tr>
<td>Serum creatinine</td>
<td>NPU18016, NPU01807</td>
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<tr>
<td>Total cholesterol</td>
<td>NPU01566</td>
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<tr>
<td>LDL cholesterol</td>
<td>NPU01568, NPU10171</td>
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<tr>
<td>HDL cholesterol</td>
<td>NPU01567, NPU10157</td>
</tr>
<tr>
<td>Triglycerides</td>
<td>NPU03620</td>
</tr>
</tbody>
</table>

IUPAC codes: [http://www.sst.dk/NPU](http://www.sst.dk/NPU)
### Diagnostic codes used to abstract the General Practice Research Database

#### Diabetes (includes both non-specific and Type II)

13AB.00 DIABETIC LIPID LOWERING DIET  
13AC.00 DIABETIC WEIGHT REDUCING DIET  
2BBF.00 RETINAL ABNORMALITY - DIABETES RELATED  
2G51000 FOOT ABNORMALITY - DIABETES RELATED  
2G5A.00 O/E - RIGHT DIABETIC FOOT AT RISK  
2G5B.00 O/E - LEFT DIABETIC FOOT AT RISK  
3882.00 DIABETES WELL BEING QUESTIONNAIRE  
3883.00 DIABETES TREATMENT SATISFACTION QUESTIONNAIRE  
42W.00 HB. A1C - DIABETIC CONTROL  
42WZ.00 HB. A1C - DIABETIC CONTROL NOS  
42c..00 HBA1 - DIABETIC CONTROL  
66A..00 DIABETIC MONITORING  
66A2.00 FOLLOW-UP DIABETIC ASSESSMENT  
66A3.00 DIABETIC ON DIET ONLY  
66A4.00 DIABETIC ON ORAL TREATMENT  
66A8.00 HAS SEEN DIETICIAN - DIABETES  
66A9.00 UNDERSTANDS DIET - DIABETES  
66AD.00 FUNDOSCOPY - DIABETIC CHECK  
66AG.00 DIABETIC DRUG SIDE EFFECTS  
66AH.00 DIABETIC TREATMENT CHANGED  
66AH000 CONVERSION TO INSULIN  
66AI.00 DIABETIC - GOOD CONTROL  
66AJ.00 DIABETIC - POOR CONTROL  
66AJ.11 UNSTABLE DIABETES  
66AJ100 BRITTLE DIABETES  
66AJ200 DIABETIC - POOR CONTROL NOS  
66AK.00 DIABETIC - COOPERATIVE PATIENT  
66AL.00 DIABETIC-UNCOOPERATIVE PATIENT  
66AM.00 DIABETIC - FOLLOW-UP DEFAULT  
66AN.00 DATE DIABETIC TREATMENT START  
66AO.00 DATE DIABETIC TREATMENT STOPP.  
66AP.00 DIABETES: PRACTICE PROGRAMME  
66AQ.00 DIABETES: SHARED CARE PROGRAMME  
66AR.00 DIABETES MANAGEMENT PLAN GIVEN  
66AS.00 DIABETIC ANNUAL REVIEW  
66AT.00 ANNUAL DIABETIC BLOOD TEST  
889A.00 DIABETIC CRISIS MONITORING  
8A12.00 DIABETIC STABILISATION  
8CA4100 PT ADVISED RE DIABETIC DIET  
8H2J.00 ADMIT DIABETIC EMERGENCY
C10.00 DIABETES MELLITUS
C100.00 DIABETES MELLITUS WITH NO MENTION OF COMPLICATION
C100100 DIABETES MELLITUS, ADULT ONSET, NO MENTION OF COMPLICATION
C100111 MATURITY ONSET DIABETES
C100112 NON-INSULIN DEPENDENT DIABETES MELLITUS
C100113 DIABETES MELLITUS, ADULT ONSET, NO MENTION OF COMPLICATION
C100200 DIABETES MELLITUS NOS WITH NO MENTION OF COMPLICATION
C101.00 DIABETES MELLITUS WITH KETOACIDOSIS
C101100 DIABETES MELLITUS, ADULT ONSET, WITH KETOACIDOSIS
C101100 OTHER SPECIFIED DIABETES MELLITUS WITH KETOACIDOSIS
C101200 DIABETES MELLITUS NOS WITH KETOACIDOSIS
C102.00 DIABETES MELLITUS WITH HYPEROSMOLAR COMA
C102100 DIABETES MELLITUS, ADULT ONSET, WITH HYPEROSMOLAR COMA
C102200 DIABETES MELLITUS NOS WITH HYPEROSMOLAR COMA
C103.00 DIABETES MELLITUS WITH KETOACIDOTIC COMA
C103100 DIABETES MELLITUS, ADULT ONSET, WITH KETOACIDOTIC COMA
C104.00 DIABETES MELLITUS WITH RENAL MANIFESTATION
C104.11 DIABETIC NEPHROPATHY
C104100 DIABETES MELLITUS, ADULT ONSET, WITH RENAL MANIFESTATION
C104y00 OTHER SPECIFIED DIABETES MELLITUS WITH RENAL COMPLICATIONS
C104z00 DIABETES MELLITUS WITH NEPHROPATHY NOS
C105.00 DIABETES MELLITUS WITH OPHTHALMIC MANIFESTATION
C105100 DIABETES MELLITUS, ADULT ONSET, + OPHTHALMIC MANIFESTATION
C105y00 OTHER SPECIFIED DIABETES MELLITUS WITH OPHTHALMIC COMPLICATIONS
C105z00 DIABETES MELLITUS NOS WITH OPHTHALMIC MANIFESTATION
C106.00 DIABETES MELLITUS WITH NEUROLOGICAL MANIFESTATION
C106.11 DIABETIC AMYOTROPHY
C106.12 DIABETES MELLITUS WITH NEUROPATHY
C106.13 DIABETES MELLITUS WITH POLYNEUROPATHY
C106100 DIABETES MELLITUS, ADULT ONSET, + NEUROLOGICAL MANIFESTATION
C106y00 OTHER SPECIFIED DIABETES MELLITUS WITH NEUROLOGICAL COMPLICATIONS
C106z00 DIABETES MELLITUS NOS WITH NEUROLOGICAL MANIFESTATION
C107.00 DIABETES MELLITUS WITH PERIPHERAL CIRCULATORY DISORDER
C107.11 DIABETES MELLITUS WITH GANGRENE
C107.12 DIABETES WITH GANGRENE
C107100 DIABETES MELLITUS, ADULT, + PERIPHERAL CIRCULATORY DISORDER
C107200 DIABETES MELLITUS, ADULT WITH GANGRENE
C107z00 DIABETES MELLITUS NOS WITH PERIPHERAL CIRCULATORY DISORDER
C108y00 OTHER SPECIFIED DIABETES MELLITUS WITH MULTIPLE COMPLICATIONS
C108z00 UNSPECIFIED DIABETES MELLITUS WITH MULTIPLE COMPLICATIONS
C109.00 NON-INSULIN-DEPENDENT DIABETES MELLITUS
C109.11 NIDDM - NON-INSULIN DEPENDENT DIABETES MELLITUS
C109.12 TYPE 2 DIABETES MELLITUS
C109.13 TYPE II DIABETES MELLITUS
C109000  NON-INSULIN-DEPENDENT DIABETES MELLITUS WITH RENAL COMPS
C109011  TYPE II DIABETES MELLITUS WITH RENAL COMPLICATIONS
C109100  NON-INSULIN-DEPENDENT DIABETES MELLITUS WITH OPHTHALM COMPS
C109111  TYPE II DIABETES MELLITUS WITH OPHTHALMIC COMPLICATIONS
C109200  NON-INSULIN-DEPENDENT DIABETES MELLITUS WITH NEURO COMPS
C109211  TYPE II DIABETES MELLITUS WITH NEUROLOGICAL COMPLICATIONS
C109300  NON-INSULIN-DEPENDENT DIABETES MELLITUS WITH MULTIPLE COMPS
C109400  NON-INSULIN DEPENDENT DIABETES MELLITUS WITH ULCER
C109411  TYPE II DIABETES MELLITUS WITH ULCER
C109500  NON-INSULIN DEPENDENT DIABETES MELLITUS WITH GANGRENE
C109511  TYPE II DIABETES MELLITUS WITH GANGRENE
C109600  NON-INSULIN-DEPENDENT DIABETES MELLITUS WITH RETINOPATHY
C109611  TYPE II DIABETES MELLITUS WITH RETINOPATHY
C109700  NON-INSULIN DEPENDANT DIABETES MELLITUS - POOR CONTROL
C109711  TYPE II DIABETES MELLITUS - POOR CONTROL
C109900  NON-INSULIN-DEPENDENT DIABETES MELLITUS WITHOUT COMPLICATION
C109A00  NON-INSULIN DEPENDENT DIABETES MELLITUS WITH MONONEUROPATHY
C109A11  TYPE II DIABETES MELLITUS WITH MONONEUROPATHY
C109B00  NON-INSULIN DEPENDENT DIABETES MELLITUS WITH POLYNEUROPATHY
C109B11  TYPE II DIABETES MELLITUS WITH POLYNEUROPATHY
C109C00  NON-INSULIN DEPENDENT DIABETES MELLITUS WITH NEPHROPATHY
C109C11  TYPE II DIABETES MELLITUS WITH NEPHROPATHY
C109D00  NON-INSULIN DEPENDENT DIABETES MELLITUS WITH HYPOGLYCA COMA
C109D11  TYPE II DIABETES MELLITUS WITH HYPOGLYCAEMIC COMA
C109E00  NON-INSULIN DEPEND DIABETES MELLITUS WITH DIABETIC CATARACT
C109E11  TYPE II DIABETES MELLITUS WITH DIABETIC CATARACT
C109F00  NON-INSULIN-DEPENDENT D M WITH PERIPHERAL ANGIOPATH
C109F11  TYPE II DIABETES MELLITUS WITH PERIPHERAL ANGIOPATHY
C109G00  NON-INSULIN DEPENDENT DIABETES MELLITUS WITH ARTHROPATHY
C109G11  TYPE II DIABETES MELLITUS WITH ARTHROPATHY
C109H00  NON-INSULIN DEPENDENT D M WITH NEUROPATHIC ARTHROPATHY
C109H11  TYPE II DIABETES MELLITUS WITH NEUROPATHIC ARTHROPATHY
C10A.00  MALNUTRITION-RELATED DIABETES MELLITUS
C10A000  MALNUTRITION-RELATED DIABETES MELLITUS WITH COMA
C10A100  MALNUTRITION-RELATED DIABETES MELLITUS WITH KETOACIDOSIS
C10B.00  DIABETES MELLITUS INDUCED BY STEROIDS
C10B000  STEROID INDUCED DIABETES MELLITUS WITHOUT COMPLICATION
C10y.00  DIABETES MELLITUS WITH OTHER SPECIFIED MANIFESTATION
C10y100  DIABETES MELLITUS, ADULT, + OTHER SPECIFIED MANIFESTATION
C10y200  OTHER SPECIFIED DIABETES MELLITUS WITH OTHER SPEC COMPS
C10yz00 DIABETES MELLITUS NOS WITH OTHER SPECIFIED MANIFESTATION
C10z.00 DIABETES MELLITUS WITH UNSPECIFIED COMPLICATION
C10z100 DIABETES MELLITUS, ADULT ONSET, + UNSPECIFIED COMPLICATION
C10zz00 DIABETES MELLITUS NOS WITH UNSPECIFIED COMPLICATION
C350011 BRONZED DIABETES
Cyn2.00 [X]DIABETES MELLITUS
Cyn2000 [X]OTHER SPECIFIED DIABETES MELLITUS
F171100 AUTONOMIC NEUROPATHY DUE TO DIABETES
F345000 DIABETIC MONONEURITIS MULTIPLEX
F35z000 DIABETIC MONONEURITIS NOS
F372.00 POLYNEUROPATHY IN DIABETES
F372.11 DIABETIC POLYNEUROPATHY
F372.12 DIABETIC NEUROPATHY
F372000 ACUTE PAINFUL DIABETIC NEUROPATHY
F372100 CHRONIC PAINFUL DIABETIC NEUROPATHY
F372200 ASYMPTOMATIC DIABETIC NEUROPATHY
F381300 MYASTHENIC SYNDROME DUE TO DIABETIC AMYOTROPHY
F381311 DIABETIC AMYOTROPHY
F3y0.00 DIABETIC MONONEUROPATHY
F420.00 DIABETIC RETINOPATHY
F420000 BACKGROUND DIABETIC RETINOPATHY
F420100 PROLIFERATIVE DIABETIC RETINOPATHY
F420200 PREPROLIFERATIVE DIABETIC RETINOPATHY
F420300 ADVANCED DIABETIC MACULOPATHY
F420400 DIABETIC MACULOPATHY
F420500 ADVANCED DIABETIC RETINAL DISEASE
F420600 DIABETIC RETINOPATHY NOS
F440700 DIABETIC IRRITIS
F464000 DIABETIC CATARACT
G73y000 DIABETIC PERIPHERAL ANGIOPATHY
K01x100 NPHROTIC SYNDROME IN DIABETES MELLITUS
M037200 CELLULITIS IN DIABETIC FOOT
M271000 ISCHAEMIC ULCER DIABETIC FOOT
M271100 NEUROPATHIC DIABETIC ULCER - FOOT
M271200 MIXED DIABETIC ULCER - FOOT
N030000 DIABETIC CHEIROARTHROPATHY
N030101 DIABETIC CHEIREPATHY
N030100 DIABETIC CHARCOT ARTHROPATHY
Q441.00 NEONATAL DIABETES MELLITUS
R054200 [D]GANGRENE OF TOE IN DIABETIC
R054300 [D]WIDESPREAD DIABETIC FOOT GANGRENE
ZC2C800 DIETARY ADVICE FOR DIABETES MELLITUS
ZC2CA00 DIETARY ADVICE FOR TYPE II DIABETES
ZL22500 UNDER CARE OF DIABETIC LIAISON NURSE
ZV65312 [V]DIETARY COUNSELLING IN DIABETES MELLITUS
ZV6DA00  [V]ADMITTED FOR COMMENCEMENT OF INSULIN
ZV6DB00  [V]ADMITTED FOR CONVERSION TO INSULIN
13B1.00  Diabetic diet
U602300  [X]Insul/oral hypoglyc drugs caus adverse eff therapeut use
8A17.00  Self monitoring of blood glucose
8A18.00  Self monitoring of urine glucose+
C11y000  Steroid induced diabetes
C100100  DIABETES MELLITUS, ADULT ONSET, NO MENTION OF COMPLICATION
C100111  MATURITY ONSET DIABETES
C100112  NON-INSULINDEPENDENT DIABETES MELLITUS
C101100  DIABETES MELLITUS, ADULT ONSET, WITH KETOACIDOSIS
C102100  DIABETES MELLITUS, ADULT ONSET, WITH HYPEROSMOLAR COMA
C103100  DIABETES MELLITUS, ADULT ONSET, WITH KETOACIDOTIC COMA
C104100  DIABETES MELLITUS, ADULT ONSET, WITH RENAL MANIFESTATION
C105100  DIABETES MELLITUS, ADULT ONSET, + OPHTHALMIC MANIFESTATION
C106100  DIABETES MELLITUS, ADULT ONSET, + NEUROLOGICAL MANIFESTATION
C107100  DIABETES MELLITUS, ADULT, + PERIPHERAL CIRCULATORY DISORDER
C107200  DIABETES MELLITUS, ADULT WITH GANGRENE
C107400  NIDDM WITH PERIPHERAL CIRCULATORY DISORDER
C109.00  NON-INSULIN-DEPENDENT DIABETES MELLITUS
C109.11  NIDDM - NON-INSULINDEPENDENT DIABETES MELLITUS
C109.12  TYPE 2 DIABETES MELLITUS
C109.13  TYPE II DIABETES MELLITUS
C109000  NON-INSULIN-DEPENDENT DIABETES MELLITUS WITH RENAL COMPS
C109011  TYPE II DIABETES MELLITUS WITH RENAL COMPLICATIONS
C109012  TYPE 2 DIABETES MELLITUS WITH RENAL COMPLICATIONS
C109100  NON-INSULIN-DEPENDENT DIABETES MELLITUS WITH OPHTHALM COMPS
C109111  TYPE II DIABETES MELLITUS WITH OPHTHALMIC COMPLICATIONS
C109112  TYPE 2 DIABETES MELLITUS WITH OPHTHALMIC COMPLICATIONS
C109200  NON-INSULIN-DEPENDENT DIABETES MELLITUS WITH NEURO COMPS
C109211  TYPE II DIABETES MELLITUS WITH NEUROLOGICAL COMPLICATIONS
C109212  TYPE 2 DIABETES MELLITUS WITH NEUROLOGICAL COMPLICATIONS
C109300  NON-INSULIN-DEPENDENT DIABETES MELLITUS WITH MULTIPLE COMPS
C109400  NON-INSULIN DEPENDENT DIABETES MELLITUS WITH ULCER
C109411  TYPE II DIABETES MELLITUS WITH ULCER
C109412  TYPE 2 DIABETES MELLITUS WITH ULCER
C109500  NON-INSULIN DEPENDENT DIABETES MELLITUS WITH GANGRENE
C109511  TYPE II DIABETES MELLITUS WITH GANGRENE
C109600  NON-INSULIN-DEPENDENT DIABETES MELLITUS WITH RETINOPATHY
C109611  TYPE II DIABETES MELLITUS WITH RETINOPATHY
C109612  TYPE 2 DIABETES MELLITUS WITH RETINOPATHY
C109700  NON-INSULIN DEPENDANT DIABETES MELLITUS - POOR CONTROL
C109711  TYPE II DIABETES MELLITUS - POOR CONTROL
C109712  TYPE 2 DIABETES MELLITUS - POOR CONTROL
C109900 NON-INSULIN-DEPENDENT DIABETES MELLITUS WITHOUT COMPLICATION
C109A00 NON-INSULIN DEPENDENT DIABETES MELLITUS WITH MONONEUROPATHY
C109B00 NON-INSULIN DEPENDENT DIABETES MELLITUS WITH POLYNEUROPATHY
C109B11 TYPE II DIABETES MELLITUS WITH POLYNEUROPATHY
C109C00 NON-INSULIN DEPENDENT DIABETES MELLITUS WITH NEPHROPATHY
C109C11 TYPE II DIABETES MELLITUS WITH NEPHROPATHY
C109C12 TYPE 2 DIABETES MELLITUS WITH NEPHROPATHY
C109D00 NON-INSULIN DEPENDENT DIABETES MELLITUS WITH HYPOGLYCEMIC COMA
C109D11 TYPE II DIABETES MELLITUS WITH HYPOGLYCEMIC COMA
C109D12 TYPE 2 DIABETES MELLITUS WITH HYPOGLYCEMIC COMA
C109E00 NON-INSULIN DEPENDENT DIABETES MELLITUS WITH DIABETIC CATARACT
C109E11 TYPE II DIABETES MELLITUS WITH DIABETIC CATARACT
C109E12 TYPE 2 DIABETES MELLITUS WITH DIABETIC CATARACT
C109F00 NON-INSULIN-DEPENDENT DIABETES MELLITUS WITH PERIPHERAL ANGIOPATHY
C109F11 TYPE II DIABETES MELLITUS WITH PERIPHERAL ANGIOPATHY
C109F12 TYPE 2 DIABETES MELLITUS WITH PERIPHERAL ANGIOPATHY
C109G00 NON-INSULIN DEPENDENT DIABETES MELLITUS WITH ARTHROPATHY
C109G11 TYPE II DIABETES MELLITUS WITH ARTHROPATHY
C109H00 NON-INSULIN DEPENDENT DIABETES MELLITUS WITH NEUROPATHIC ARTHROPATHY
C109H11 TYPE II DIABETES MELLITUS WITH NEUROPATHIC ARTHROPATHY
C109H12 TYPE 2 DIABETES MELLITUS WITH NEUROPATHIC ARTHROPATHY
C109J00 INSULIN TREATED TYPE 2 DIABETES MELLITUS
C109J11 INSULIN TREATED NON-INSULIN DEPENDENT DIABETES MELLITUS
C109J12 INSULIN TREATED TYPE II DIABETES MELLITUS
C109K00 HYPEROSMOLAR NON-KETOTIC STATE IN TYPE 2 DIABETES MELLITUS
C10D.00 DIABETES MELLITUS AUTOSOMAL DOMINANT TYPE 2
C10D.11 MATURITY ONSET DIABETES IN YOUTH TYPE 2
C10F.00 TYPE 2 DIABETES MELLITUS
C10F.11 TYPE II DIABETES MELLITUS
C10F000 TYPE 2 DIABETES MELLITUS WITH RENAL COMPLICATIONS
C10F100 TYPE 2 DIABETES MELLITUS WITH OPHTHALMIC COMPLICATIONS
C10F200 TYPE 2 DIABETES MELLITUS WITH NEUROLOGICAL COMPLICATIONS
C10F300 TYPE 2 DIABETES MELLITUS WITH MULTIPLE COMPLICATIONS
C10F400 TYPE 2 DIABETES MELLITUS WITH ULCER
C10F500 TYPE 2 DIABETES MELLITUS WITH GANGRENE
C10F600 TYPE 2 DIABETES MELLITUS WITH RETINOPATHY
C10F700 TYPE 2 DIABETES MELLITUS - POOR CONTROL
C10F900 TYPE 2 DIABETES MELLITUS WITHOUT COMPLICATION
C10FA00 TYPE 2 DIABETES MELLITUS WITH MONONEUROPATHY
C10FB00 TYPE 2 DIABETES MELLITUS WITH POLYNEUROPATHY
C10FC00 TYPE 2 DIABETES MELLITUS WITH NEPHROPATHY
C10FD00 TYPE 2 DIABETES MELLITUS WITH HYPOGLYCAEMIC COMA
C10FE00 TYPE 2 DIABETES MELLITUS WITH DIABETIC CATARACT
C10FF00 TYPE 2 DIABETES MELLITUS WITH PERIPHERAL ANGIOPATHY
C10FG00 TYPE 2 DIABETES MELLITUS WITH ARTHROPATHY
C10FH00 TYPE 2 DIABETES MELLITUS WITH NEUROPATHIC ARTHROPATHY
C10FJ00 INSULIN TREATED TYPE 2 DIABETES MELLITUS
C10FK00 HYPEROSMOLAR NON-KETOTIC STATE IN TYPE 2 DIABETES MELLITUS
C10FL00 TYPE 2 DIABETES MELLITUS WITH PERSISTENT PROTEINURIA
C10FL11 TYPE II DIABETES MELLITUS WITH PERSISTENT PROTEINURIA
C10FM00 TYPE 2 DIABETES MELLITUS WITH PERSISTENT MICROALBUMINURIA
C10FN00 TYPE 2 DIABETES MELLITUS WITH KETOACIDOSIS
C10FP00 TYPE 2 DIABETES MELLITUS WITH KETOACIDOTIC COMA
C10FQ00 TYPE 2 DIABETES MELLITUS WITH EXUDATIVE MACULOPATHY
C10y100 DIABETES MELLITUS, ADULT, + OTHER SPECIFIED MANIFESTATION
C10z100 DIABETES MELLITUS, ADULT ONSET, + UNSPECIFIED COMPLICATION

**Acute Myocardial Infarction**

323..00 ECG: MYOCARDIAL INFARCTION
3233.00 ECG: ANTERO-SEPTAL INFARCT
3234.00 ECG: POSTERIOR/INFERO INFERIOR INFARCT
3235.00 ECG: SUBENDOCARDIAL INFARCT
3236.00 ECG: LATERAL INFARCTION
323Z.00 ECG: MYOCARDIAL INFARCT NOS
889A.00 DIAB MELLIT INSULIN-GLUCOSE INFUS ACUTE MYOCARDIAL INFARCT
G30..00 ACUTE MYOCARDIAL INFARCTION
G30..13 CARDIAC RUPTURE FOLLOWING MYOCARDIAL INFARCTION (MI)
G30..15 MI - ACUTE MYOCARDIAL INFARCTION
G30..17 SILENT MYOCARDIAL INFARCTION
G300.00 ACUTE ANTEROLATERAL INFARCTION
G301.00 OTHER SPECIFIED ANTERIOR MYOCARDIAL INFARCTION
G301000 ACUTE ANTEROAPICAL INFARCTION
G301100 ACUTE ANTEROSEPTAL INFARCTION
G301z00 ANTERIOR MYOCARDIAL INFARCTION NOS
G302.00 ACUTE INFEROLATERAL INFARCTION
G303.00 ACUTE INFEROPosterior INFARCTION
G304.00 POSTERIOR MYOCARDIAL INFARCTION NOS
G305.00 LATERAL MYOCARDIAL INFARCTION NOS
G306.00 TRUE POSTERIOR MYOCARDIAL INFARCTION
G307.00 ACUTE SUBENDOCARDIAL INFARCTION
G307000 ACUTE NON-Q WAVE INFARCTION
G308.00 INFERIOR MYOCARDIAL INFARCTION NOS
G309.00 ACUTE Q-WAVE INFARCT
G30X.00 ACUTE TRANSMURAL MYOCARDIAL INFARCTION OF UNSPECIF SITE
G30y.00 OTHER ACUTE MYOCARDIAL INFARCTION
G30y000 ACUTE ATRIAL INFARCTION
G30y100 ACUTE PAPILLARY MUSCLE INFARCTION
G30y200 ACUTE SEPTAL INFARCTION
G30yz00 OTHER ACUTE MYOCARDIAL INFARCTION NOS
G30z.00 ACUTE MYOCARDIAL INFARCTION NOS
G35..00 SUBSEQUENT MYOCARDIAL INFARCTION
G31y100 MICROINFARCTION OF HEART
G350.00 SUBSEQUENT MYOCARDIAL INFARCTION OF ANTERIOR WALL
G351.00 SUBSEQUENT MYOCARDIAL INFARCTION OF INFERIOR WALL
G35X.00 SUBSEQUENT MYOCARDIAL INFARCTION OF UNSPECIFIED SITE
G30..11 Attack - heart
G30..12 Coronary thrombosis
G30..14 Heart attack
G30..16 Thrombosis - coronary
G30A.00 Mural thrombosis
G5yy600 Atrial thrombosis
G5yy700 Left ventricular thrombosis
G5yy800 Right ventricular thrombosis
G307100 Acute non-ST segment elevation myocardial infarction
G30B.00 Acute posterolateral myocardial infarction
G30X000 Acute ST segment elevation myocardial infarction
G38..00 POSTOPERATIVE MYOCARDIAL INFARCTION
G380.00 POSTOPERATIVE TRANSMURAL MYOCARDIAL INFARCTION ANTERIOR WALL
G381.00 POSTOPERATIVE TRANSMURAL MYOCARDIAL INFARCTION INFERIOR WALL
G384.00 POSTOPERATIVE SUBENDOCARDIAL MYOCARDIAL INFARCTION

**Any Cardiovascular Disease**

G311.00 Preinfarction syndrome
G311.11 Crescendo angina
G311.13 Unstable angina
G311.14 Angina at rest
G311100 Unstable angina
G311200 Angina at rest
G311300 Refractory angina
G311400 Worsening angina
G311500 Acute coronary syndrome
G311z00 Preinfarction syndrome NOS
G33..00 Angina pectoris
G330.00 Angina decubitus
G330000 Nocturnal angina
G330z00 Angina decubitus NOS
G331.00 Prinzmetal’s angina
G331.11 Variant angina pectoris
G33z.00 Angina pectoris NOS
G33z000 Status anginosus
G33z100 Stenocardia
G33z200 Syncope anginosa
G33z300 Angina on effort
G33z400 Ischaemic chest pain
G33z600 New onset angina
G33z700 Stable angina
G33zz00 Angina pectoris NOS
Gyu3000 [X] Other forms of angina pectoris
14A5.00 H/O: angina pectoris
14AJ.00 H/O: Angina in last year
662K.00 Angina control
662K000 Angina control - good
662K100 Angina control - poor
662K200 Angina control - improving
662K300 Angina control - worsening
662Kz00 Angina control NOS
8B27.00 Antianginal therapy
G33z500 Post infarct angina
323..00 ECG: myocardial infarction
3233.00 ECG: antero-septal infarct.
3234.00 ECG: posterior/inferior infarct
3235.00 ECG: subendocardial infarct
3236.00 ECG: lateral infarction
323Z.00 ECG: myocardial infarct NOS
G30..00 Acute myocardial infarction
G300.00 Acute anterolateral infarction
G30..11 Attack - heart
G30..12 Coronary thrombosis
G30..14 Heart attack
G30..15 MI - acute myocardial infarction
G30..16 Thrombosis - coronary
G30..17 Silent myocardial infarction
G301.00 Other specified anterior myocardial infarction
G301000 Acute anteroapical infarction
G301100 Acute anteroseptal infarction
G301z00 Anterior myocardial infarction NOS
G302.00 Acute inferolateral infarction
G303.00 Acute inferoposterior infarction
G304.00 Posterior myocardial infarction NOS
G305.00 Lateral myocardial infarction NOS
G306.00 True posterior myocardial infarction

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<table>
<thead>
<tr>
<th>Code</th>
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<tr>
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<td>Acute non-Q wave infarction</td>
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<td>Acute non-ST segment elevation myocardial infarction</td>
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<tr>
<td>G308.00</td>
<td>Inferior myocardial infarction NOS</td>
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<td>Acute Q-wave infarct</td>
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<td>G30B.00</td>
<td>Acute posterolateral myocardial infarction</td>
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<tr>
<td>G30X.00</td>
<td>Acute transmural myocardial infarction of unspecified site</td>
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<td>Microinfarction of heart</td>
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<td>Mural thrombosis</td>
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<td>Right ventricular thrombosis</td>
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<td>14A4.00</td>
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<td>14AH.00</td>
<td>H/O: Myocardial infarction in last year</td>
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<td>ECG: old myocardial infarction</td>
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<td>Healed myocardial infarction</td>
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<td>Personal history of myocardial infarction</td>
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<td>Cardiac rupture following myocardial infarction (MI)</td>
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<td>Dressler's syndrome</td>
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<td>Subsequent myocardial infarction</td>
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<td>Subsequent myocardial infarction of anterior wall</td>
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<td>G351.00</td>
<td>Subsequent myocardial infarction of inferior wall</td>
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<tr>
<td>G353.00</td>
<td>Subsequent myocardial infarction of other sites</td>
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<td>G35X.00</td>
<td>Subsequent myocardial infarction of unspecified site</td>
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<td>G36..00</td>
<td>Certain current complication follow acute myocardial infarct</td>
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<td>G3600</td>
<td>Haemopericardium/current comp folow acute myocardial infarct</td>
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<td>Atrial septal defect/curr comp folow acute myocardal infarctn</td>
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<tr>
<td>G362.00</td>
<td>Ventric septal defect/curr comp fol acute myocardial infarctn</td>
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<td>Ruptur cardiac wall w/out haemopericard/cur comp fol ac MI</td>
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<td>Ruptur chordae tendinae/curr comp fol acute myocard infarct</td>
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<td>Rupture papillary muscle/curr comp fol acute myocard infarct</td>
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<td>Thrombosis atrium,auric append&amp;vent/curr comp foll acute MI</td>
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<tr>
<td>Gyu3500</td>
<td>[X] Subsequent myocardial infarction of other sites</td>
</tr>
<tr>
<td>Gyu3600</td>
<td>[X] Subsequent myocardial infarction of unspecified site</td>
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</tbody>
</table>
G38..00       Postoperative myocardial infarction
G380.00      Postoperative transmural myocardial infarction anterior wall
G381.00      Postoperative transmural myocardial infarction inferior wall
G382.00      Postoperative transmural myocardial infarction other sites
G383.00      Postoperative transmural myocardial infarction unspec site
G384.00      Postoperative subendocardial myocardial infarction
G38z.00      Postoperative myocardial infarction, unspecified
ZV71900     [V]Observation for suspected myocardial infarction
889A.00      Diab mellit insulin-glucose infus acute myocardi
G312.00      Coronary thrombosis not resulting in myocardial infarction
G311000     Myocardial infarction aborted
G311011     MI - myocardial infarction aborted
792..00      Coronary artery operations
792.11      Coronary artery bypass graft operations
7920.00      Saphenous vein graft replacement of coronary artery
7920.11      Saphenous vein graft bypass of coronary artery
7920000      Saphenous vein graft replacement of one coronary artery
7920100      Saphenous vein graft replacement of two coronary arteries
7920200      Saphenous vein graft replacement of three coronary arteries
7920300      Saphenous vein graft replacement of four+ coronary arteries
7920y00      Saphenous vein graft replacement of coronary artery OS
7920z00      Saphenous vein graft replacement coronary artery NOS
7921.00      Other autograft replacement of coronary artery
7921.11      Other autograft bypass of coronary artery
7921000      Autograft replacement of one coronary artery NEC
7921100      Autograft replacement of two coronary arteries NEC
7921200      Autograft replacement of three coronary arteries NEC
7921300      Autograft replacement of four or more coronary arteries NEC
7921y00      Other autograft replacement of coronary artery OS
7921z00      Other autograft replacement of coronary artery NOS
7922.00      Allograft replacement of coronary artery
7922.11      Allograft bypass of coronary artery
7922000      Allograft replacement of one coronary artery
7922100      Allograft replacement of two coronary arteries
7922200      Allograft replacement of three coronary arteries
7922300      Allograft replacement of four or more coronary arteries
7922y00      Other specified allograft replacement of coronary artery
7922z00      Allograft replacement of coronary artery NOS
7924.00      Revision of bypass for coronary artery
7924000      Revision of bypass for one coronary artery
7924100      Revision of bypass for two coronary arteries
7924200      Revision of bypass for three coronary arteries
7924300      Revision of bypass for four or more coronary arteries
7924400      Revision of connection of thoracic artery to coronary artery
7924500      Revision of implantation of thoracic artery into heart
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<td>Single anast mammary art to left ant descend coronary art</td>
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7929400 Insertion of coronary artery stent
7929500 Insertion of drug-eluting coronary artery stent
7929600 Percutaneous transluminal atherectomy of coronary artery
7929y00 Other therapeutic transluminal op on coronary artery OS
7929z00 Other therapeutic transluminal op on coronary artery NOS
793G.00 Perc translum balloon angioplasty stenting coronary artery
793G000 Perc translum ball angio insert 1-2 drug elut stents cor art
793G100 Perc tran ball angio ins 3 or more drug elut stents cor art
793G200 Perc translum balloon angioplasty insert 1-2 stents cor art
793G300 Percutaneous cor balloon angiop 3 more stents cor art NEC
793Gz00 Perc translum balloon angioplasty stenting coronary art NOS
792B.00 Repair of coronary artery NEC
792B000 Endarterectomy of coronary artery NEC
792B100 Repair of rupture of coronary artery
792B200 Repair of arteriovenous malformation of coronary artery
792By00 Other specified repair of coronary artery
792Bz00 Repair of coronary artery NOS
792C.00 Other replacement of coronary artery
792Cy00 Other specified replacement of coronary artery
792Cz00 Replacement of coronary artery NOS
792D.00 Other bypass of coronary artery
792Dy00 Other specified other bypass of coronary artery
792Dz00 Other bypass of coronary artery NOS
792y.00 Other specified operations on coronary artery
792z.00 Coronary artery operations NOS
790H300 Revascularisation of wall of heart
ZV45800 [V]Presence of coronary angioplasty implant and graft
ZV45L00 [V]Status following coronary angioplasty NOS
SP07600 Coronary artery bypass graft occlusion
ZV45K00 [V]Presence of coronary artery bypass graft
ZV45K11 [V]Presence of coronary artery bypass graft – CABG
G31..00 Other acute and subacute ischaemic heart disease
G31y.00 Other acute and subacute ischaemic heart disease
G31y000 Acute coronary insufficiency
G31y100 Microinfarction of heart
G31y200 Subendocardial ischaemia
G31y300 Transient myocardial ischaemia
G31yz00 Other acute and subacute ischaemic heart disease NOS
G34y.00 Other specified chronic ischaemic heart disease
G34y000 Chronic coronary insufficiency
G34y100 Chronic myocardial ischaemia
G34yz00 Other specified chronic ischaemic heart disease NOS
G34z.00 Other chronic ischaemic heart disease NOS
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G581.11 Asthma - cardiac
G581.12 Pulmonary oedema - acute
G581.13 Impaired left ventricular function
G581000 Acute left ventricular failure
G582.00 Acute heart failure
G58z.00 Heart failure NOS
G58z.11 Weak heart
G58z.12 Cardiac failure NOS
G5y3.00 Cardiomegaly
G5y3.11 Dilatation - cardiac
G5y3000 Atrial dilatation
G5y3100 Ventricular dilatation
G5y3200 Cardiac dilatation NOS
G5y3300 Atrial hypertrophy
G5y3400 Ventricular hypertrophy
G5y3411 Left ventricular hypertrophy
G5y3500 Cardiac hypertrophy NOS
G5y3z00 Cardiomegaly NOS
8B29.00 Cardiac failure therapy
R2y1000 [D]Cardiorespiratory failure
324.00 ECG:left ventricle hypertrophy
325.00 ECG:right ventricle hypertrophy
G232.00 Hypertensive heart&renal dis wth (congestive) heart failure
G234.00 Hyperten heart&renal dis+both(congestv) heart and renal fai
G21z011 Cardiomegaly - hypertensive
G31y000 Acute coronary insufficiency
G34y000 Chronic coronary insufficiency
G1yz100 Rheumatic left ventricular failure
SP11111 Heart failure as a complication of care
SP11200 Cardiorespiratory failure as a complication of care
SP11100 Cardiac insufficiency as a complication of care
P6yy200 Congenital cardiomegaly
Q48y100 Congenital cardiac failure
Q490.00 Neonatal cardiac failure
14A6.00 H/O: heart failure
14AM.00 H/O: Heart failure in last year

**Congestive Heart Failure**

G58..00 Heart failure
G58..11 Cardiac failure
G580.00 Congestive heart failure
G580.11 Congestive cardiac failure
G580.12 Right heart failure
G580.13 Right ventricular failure
G580.14  Biventricular failure
G580000  Acute congestive heart failure
G580100  Chronic congestive heart failure
G580200  Decompensated cardiac failure
G580300  Compensated cardiac failure
G581.00  Left ventricular failure
G581.11  Asthma - cardiac
G581.12  Pulmonary oedema - acute
G581.13  Impaired left ventricular function
G581000  Acute left ventricular failure
G582.00  Acute heart failure
G58z.00  Heart failure NOS
G58z.11  Weak heart
G58z.12  Cardiac failure NOS
G5y3.00  Cardiomegaly
G5y3.11  Dilatation - cardiac
G5y3000  Atrial dilatation
G5y3100  Ventricular dilatation
G5y3200  Cardiac dilatation NOS
G5y3300  Atrial hypertrophy
G5y3400  Ventricular hypertrophy
G5y3411  Left ventricular hypertrophy
G5y3500  Cardiac hypertrophy NOS
G5y3z00  Cardiomegaly NOS
8B29.00  Cardiac failure therapy
R2y1000  [D]Cardiorespiratory failure
324..00  ECG:left ventricle hypertrophy
325..00  ECG:right ventricle hypertrophy.
G232.00  Hypertensive heart&renal dis wth (congestive) heart failure
G234.00  Hyperten heart&renal dis+both(congestv) heart and renal fai
G21z011  Cardiomegaly - hypertensive
G31y000  Acute coronary insufficiency
G34y000  Chronic coronary insufficiency
G1yz100  Rheumatic left ventricular failure
SP11111  Heart failure as a complication of care
SP11200  Cardiorespiratory failure as a complication of care
SP11100  Cardiac insufficiency as a complication of care
P6yy200  Congenital cardiomegaly
Q48y100  Congenital cardiac failure
Q490.00  Neonatal cardiac failure
14A6.00  H/O: heart failure
14AM.00  H/O: Heart failure in last year

**Peripheral Vascular Disease**

Page 20 of 33
RG73..00  Other peripheral vascular disease
RG73..11  Peripheral ischaemic vascular disease
RG73..12  Ischaemia of legs
RG73..13  Peripheral ischaemia
RG731.00  Thromboangiitis obliterans
RG731000  Buerger's disease
RG731100  Presenile gangrene
RG731z00  Thromboangiitis obliterans NOS
RG73y.00  Other specified peripheral vascular disease
RG73y000  Diabetic peripheral angiopathy
RG73y100  Peripheral angiopathic disease EC NOS
RG73y200  Acrocyanosis
RG73y400  Acroparaesthesia - Schultze's type
RG73y600  Acroparaesthesia - unspecified
RG73y700  Erythrocyanosis
RG73y800  Erythromelalgia
RG73y811  Erythralgia
RG73yz00  Other specified peripheral vascular disease NOS
RG73z.00  Peripheral vascular disease NOS
RG73z000  Intermittent claudication
RG73z011  Claudication
RG73z100  Spasm of peripheral artery
RG73zz00  Peripheral vascular disease NOS

**Transient Ischemic Attack / Stroke**

G63..00  Precerebral arterial occlusion
G63..11  Infarction - precerebral
G63..12  Stenosis of precerebral arteries
G630.00  Basilar artery occlusion
G631.00  Carotid artery occlusion
G631.11  Stenosis, carotid artery
G631.12  Thrombosis, carotid artery
G632.00  Vertebral artery occlusion
G634.00  Carotid artery stenosis
G63y.00  Other precerebral artery occlusion
G63y000  Cerebral infarct due to thrombosis of precerebral arteries
G63y100  Cerebral infarction due to embolism of precerebral arteries
G63z.00  Precerebral artery occlusion NOS
G64..00  Cerebral arterial occlusion
G64..11  CVA - cerebral artery occlusion
G64..12  Infarction - cerebral
G64..13  Stroke due to cerebral arterial occlusion
G640.00  Cerebral thrombosis
G640000  Cerebral infarction due to thrombosis of cerebral arteries
G641.00  Cerebral embolism
G641.11  Cerebral embolus
G641000  Cerebral infarction due to embolism of cerebral arteries
G64z.00  Cerebral infarction NOS
G64z.11  Brainstem infarction NOS
G64z.12  Cerebellar infarction
G64z000  Brainstem infarction
G64z100  Wallenberg syndrome
G64z111  Lateral medullary syndrome
G64z200  Left sided cerebral infarction
G64z300  Right sided cerebral infarction
G64z400  Infarction of basal ganglia
G65..00  Transient cerebral ischaemia
G65..11  Drop attack
G65..12  Transient ischaemic attack
G65..13  Vertebro-basilar insufficiency
G650.00  Basilar artery syndrome
G650.11  Insufficiency - basilar artery
G651.00  Vertebral artery syndrome
G651000  Vertebro-basilar artery syndrome
G652.00  Subclavian steal syndrome
G653.00  Carotid artery syndrome hemispheric
G654.00  Multiple and bilateral precerebral artery syndromes
G655.00  Transient global amnesia
G656.00  Vertebrobasilar insufficiency
G65y.00  Other transient cerebral ischaemia
G65z.00  Transient cerebral ischaemia NOS
G65z000  Impending cerebral ischaemia
G65z100  Intermittent cerebral ischaemia
G65zz00  Transient cerebral ischaemia NOS
G66..00  Stroke and cerebrovascular accident unspecified
G66..11  CVA unspecified
G66..12  Stroke unspecified
G66..13  CVA - Cerebrovascular accident unspecified
G660.00  Middle cerebral artery syndrome
G661.00  Anterior cerebral artery syndrome
G662.00  Posterior cerebral artery syndrome
G663.00  Brain stem stroke syndrome
G664.00  Cerebellar stroke syndrome
G665.00  Pure motor lacunar syndrome
G666.00  Pure sensory lacunar syndrome
G667.00  Left sided CVA
G668.00  Right sided CVA
G669.00  Cerebral palsy, not congenital or infantile, acute
G680.00  Sequelae of subarachnoid haemorrhage
G681.00  Sequelae of intracerebral haemorrhage
G682.00  Sequelae of other nontraumatic intracranial haemorrhage
G683.00  Sequelae of cerebral infarction
G68W.00  Sequelae/other + unspecified cerebrovascular diseases
G68X.00  Sequelae of stroke, not specified as hemorrhage or infarction
G6W..00  Cerebral infarct due unsp occlus/stenos precerebr arteries
G6X..00  Cerebral infarct due/unspcf occlusn or sten/cerebrl artrs

**Chronic Liver Disease**

A707.00  CHRONIC VIRAL HEPATITIS
A707000  CHRONIC VIRAL HEPATITIS B WITH DELTA-AGENT
A707100  CHRONIC VIRAL HEPATITIS B WITHOUT DELTA-AGENT
A707200  CHRONIC VIRAL HEPATITIS C
A707X00  CHRONIC VIRAL HEPATITIS, UNSPECIFIED
C310400  GLYCOGENOSIS WITH HEPATIC CIRRHOSIS
J61..00  CIRRHOSIS AND CHRONIC LIVER DISEASE
J610.00  ALCOHOLIC FATTY LIVER
J612.00  ALCOHOLIC CIRRHOSIS OF LIVER
J612.11  FLORID CIRRHOSIS
J612.12  LAENNEC'S CIRRHOSIS
J612000  ALCOHOLIC FIBROSIS AND SCLEROSIS OF LIVER
J613.00  ALCOHOLIC LIVER DAMAGE UNSPECIFIED
J613000  ALCOHOLIC HEPATIC FAILURE
J614.00  CHRONIC HEPATITIS
J614000  CHRONIC PERSISTENT HEPATITIS
J614100  CHRONIC ACTIVE HEPATITIS
J614111  AUTOIMMUNE CHRONIC ACTIVE HEPATITIS
J614200  CHRONIC AGGRESSIVE HEPATITIS
J614300  RECURRENT HEPATITIS
J614400  CHRONIC LOBULAR HEPATITIS
J614y00  CHRONIC HEPATITIS UNSPECIFIED
J614z00  CHRONIC HEPATITIS NOS
J615.00  CIRRHOSIS - NON ALCOHOLIC
J615.11  PORTAL CIRRHOSIS
J615000  UNILOBULAR PORTAL CIRRHOSIS
J615100  MULTILOBULAR PORTAL CIRRHOSIS
J615111  POSTNECROTIC CIRRHOSIS OF LIVER
J615200  MIXED PORTAL CIRRHOSIS
J615300  DIFFUSE NODULAR CIRRHOSIS
J615400  FATTY PORTAL CIRRHOSIS
J615500  HYPERTRPCHIC PORTAL CIRRHOSIS
J615600  CAPSULAR PORTAL CIRRHOSIS
J615700  CARDIAC PORTAL CIRRHOSIS
J615711  CONGESTIVE CIRRHOSIS
J615800  JUVENILE PORTAL CIRRHOSIS
J615811  CHILDHOOD FUNCTION CIRRHOSIS
J615812  INDIAN CHILDHOOD CIRRHOSIS
J615900  PIGMENTARY PORTAL CIRRHOSIS
J615A00  PIPE-STEM PORTAL CIRRHOSIS
J615C00  XANTHOMATOUS PORTAL CIRRHOSIS
J615D00  BACTERIAL PORTAL CIRRHOSIS
J615E00  CARDITUBERCULOUS CIRRHOSIS
J615F00  SYPHILITIC PORTAL CIRRHOSIS
J615G00  ZOOPARASITIC PORTAL CIRRHOSIS
J615H00  INFECTIOUS CIRRHOSIS NOS
J615y00  PORTAL CIRRHOSIS UNSPECIFIED
J615z00  NON-ALCOHOLIC CIRRHOSIS NOS
J615z11  MACRONODULAR CIRRHOSIS OF LIVER
J615z12  CRYPTOGENIC CIRRHOSIS OF LIVER
J615z13  CIRRHOSIS OF LIVER NOS
J615z14  LAENNEC'S CIRRHOSIS, NON-ALCOHOLIC
J615z15  HEPATIC FIBROSIS
J616.00  BILIARY CIRRHOSIS
J616000  PRIMARY BILIARY CIRRHOSIS
J616100  SECONDARY BILIARY CIRRHOSIS
J616200  BILIARY CIRRHOSIS OF CHILDREN
J616z00  BILIARY CIRRHOSIS NOS
J617000  CHRONIC ALCOHOLIC HEPATITIS
J61y.00  OTHER NON-ALCOHOLIC CHRONIC LIVER DISEASE
J61y000  CHRONIC YELLOW LIVER ATROPHY
J61y100  NON-ALCOHOLIC FATTY LIVER
J61y700  STEATOSIS OF LIVER
J61y200  OTHER NON-ALCOHOLIC CHRONIC LIVER DISEASE NOS
J61z.00  CHRONIC LIVER DISEASE NOS
J62.00  LIVER ABSCESS AND SEQUELAE OF CHRONIC LIVER DISEASE
J625.00  [X] HEPATIC FAILURE
J625.11  [X] LIVER FAILURE
J62y.00  OTHER SEQUELAE OF CHRONIC LIVER DISEASE
J62y.11  HEPATIC FAILURE NOS
J62y.12  LIVER FAILURE NOS
J62y.13  HEPATIC FAILURE
J62z.00  LIVER ABSCESS AND CHRONIC LIVER DISEASE CAUSING SEQUELAE NOS
J635300  TOXIC LIVER DISEASE WITH CHRONIC PERSISTENT HEPATITIS
J635400  TOXIC LIVER DISEASE WITH CHRONIC LOBULAR HEPATITIS
J635500  TOXIC LIVER DISEASE WITH CHRONIC ACTIVE HEPATITIS
J635600  TOXIC LIVER DISEASE WITH FIBROSIS AND CIRRHOSIS OF LIVER
Venous Thromboembolism (both deep venous thrombosis and pulmonary embolism)

G801.11 Deep vein thrombosis
G801.12 Deep vein thrombosis, leg
G801.13 DVT - Deep vein thrombosis
G822.00 Embolism and thrombosis of the vena cava
G80y.11 Phlebitis and/or thrombophlebitis of iliac vein
G80y200 Phlebitis of the external iliac vein
G80y400 Thrombophlebitis of the common iliac vein
G80y600 Thrombophlebitis of the external iliac vein
G80y800 Phlebitis and thrombophlebitis of the iliac vein
G801.00 Deep vein phlebitis and thrombophlebitis of the leg
G801000 Phlebitis of the femoral vein
G801100 Phlebitis of the popliteal vein
G801200 Phlebitis of the anterior tibial vein
G801400 Phlebitis of the posterior tibial vein
G801500 Deep vein phlebitis of the leg unspecified
G801600 Thrombophlebitis of the femoral vein
G801700 Thrombophlebitis of the popliteal vein
G801A00 Thrombophlebitis of the posterior tibial vein
G801B00 Deep vein thrombophlebitis of the leg unspecified
G801z00 Deep vein phlebitis and thrombophlebitis of the leg NOS
G401.00 Pulmonary embolism
G401.12 Pulmonary embolus

Oral Hypoglycemic Agents

ORAL ANTIDIABETICS_sulfonylureas
2108 Acetohexamide
2110 Tolazamide
2115 Tolbutamide
2116 Glibenclamide (aka Glyburide)
2133 Glibornuride
2139 Glipizide
2148 Gliclazide
2159 Glimepiride
2140 Gliquidone
2120 Chlorpropamide

ORAL ANTIDIABETICS_Acarbose
2157 Acarbose
ORAL ANTIDIABETICS_Biguanides
2122 Metformin

ORAL ANTIDIABETICS_Glinides
2161 Repaglinide
2165 Nateglinide

Dipeptidyl peptidase 4 inhibitors
1079 SITAGLIPTIN

Oral Antidiabetics_PPAR agonists
2163 ROSIGLITAZONE
2167 ROSIGLITAZONE AND METFORMIN
2160 TROGLITAZONE
2162 PIOGLITAZONE
51050 ROSIGLITAZONE + GLIMEPIRIDE
51067 PIOGLITAZONE / METFORMIN

**Insulin**

2103 INSULIN
2109 (CZI CRYSTILLIN ZINC INSULIN
2111 INSULIN ZINC SUSPENSION
2112 INSULIN ZINC SUSPENSION EXTENDED
2125 DEPOT-INSULIN CS
2128 GLOBIN ZINC INSULIN INJECTION
2129 KOMB-INSULIN
2136 INSULIN NOVO-RAPITARD
2138 INSULIN LEO
2141 LONG INSULIN
2144 INSULIN CS
2151 INSULIN HUM NPH W ISOPHANE
2154 INSULIN HUM NPH W NEUTRAL/SOLUBLE

2158 PRO-HUMAN INSULIN LISPRO
16221 INSULINS & ORAL ANTIDIABETIC AGENTS
51007 INSULIN PORC ZINK / LENTE SEMILENTE
51008 INSULIN BEEF
02170 HUMALOG

**Statins**
1214        PRAVASTATIN
1217        FLUVASTATIN
1218        ATORVASTATIN
1219        CERIVASTATIN
1220        SIMVASTATIN
1221        ROSUVASTATIN CALCIUM
1222        EZETIMIBE + SIMVASTATIN
19103      SIMVASTATIN
1212        LOVASTATIN

**Antihypertensive Agents**

ACE-inhibitors_P
2202        IMIDAPRIL HCL
4555        CAPTOPRIL
4559        ENALAPRIL
4566        LISINOPRIL
4574        PERINDOPRIL
4575        RAMIPRIL
4578        CILAZAPRIL
4580        FOSINOPRIL
4592        MOEXIPRIL
4609        TRANDOLAPRIL
5776        QUINAPRIL
4584        Benazepril

ACE-inhibitor combinations
4618        PERINDOPRIL + INDAPAMIDE

ACE-inhibitors and diuretics
4569        CAPTOPRIL W HYDROCHLORTH
4577        LISINOPRIL W HYDROCHLORO
4581        ENALAPRIL W HYDROCHLOROT
4590        benazepril hydrochlorothiazide

ACE-inhibitors and calcium channel blockers
4598        FELODIPINE+RAMIPRIL

Angiotensin II antagonists
4589        LOSARTAN
4596        VALSARTAN
4615        TELMISARTAN
4617        EPROSARTAN
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<td>APROVEL (= Ibesartan)</td>
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<td>24518</td>
<td>OLMESARTAN MEDOXOMIL</td>
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Angiotensin II inhibitors and diuretics

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<td>IRBESARTAN+HYDROCHLOROTH</td>
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Beta-blockers incl. Combination with diuretics

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<tr>
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<td>TIMOLOL W BENDROFLUAZIDE</td>
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1327 penbutolol
16704 furosemide w penbutolol

Calcium channel blockers
4579 FELODIPINE SR
4587 LACIDIPINE
4591 DILTIAZEM + HYDROCHLOROT
4597 NISOLDIPINE
4598 FELODIPINE+RAMIPRIL
4607 ISRADIPINE
5733 VERAPAMIL
5779 VERAPAMIL HCL 180MG/2MG
6136 AMLODIPINE
6145 NIFEDIPINE
6148 PERHEXILINE MALEATE
6156 LIDOFLAZINE
6175 DILTIAZEM
6189 NIMODIPINE
6187 NICARDIPINE
6204 ZANIDIP
6205 MIBEFRADIL

**Diuretics**

Thiazides
6716 Bendrofluazide
4527 Benzthiazide
6746 Chlorothiazide
6734 Hydrochlorothiazide
4524 Cyclophenthiazide
6737 Polythiazide
6742 Chlorthalidone (thiazide-like)
6574 Mefruside (thiazide-like)
6770 Xipamide (thiazide-like)
6758 Metolazone
6748 Hydroflumethiazide
6764 Clopamide
16703 Clopamide with potassium
4554 Indapamide

Loop diuretics
6718 Furosemide
6756 Bumetanide
16711 Torasemide
6720 Ethacrynic acid
Kalium-sparing diuretics

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<td>6701</td>
<td>Spironolactone</td>
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<td>6420</td>
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Diuretics/combinations

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<td>16710</td>
<td>Bumetanide + amiloride</td>
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<td>Furosemide + amiloride</td>
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<td>Furosemide + triamterene</td>
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<tr>
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<td>Amiloride + cyclopiendiazide</td>
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Thiazides with antihypertensives

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<table>
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<td>CYCLOPENTHIAZIDE W POTASSIUM CHLORIDE</td>
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<td>METHYLCLOTHIAZIDE W DESERPIDINE</td>
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4530 CYCLOPENTHIAZIDE, RESERPINE, POTASSIUM CHLORIDE
4532 GUANETHIDINE, CYCLOPENTHIAZIDE, POTASSIUM CHLORIDE
4536 HYDROFLUMETHIAZIDE, KCL, RAUWOLFIA, SERPENTHE
4539 GUANETHIDINE W HYDROCHLOROTHIAZIDE
4544 BUTABARBITAL, HYDROCHLOROTHIAZIDE, RESERPINE
4552 CLONIDINE W CHLORTHIAZIDE
4557 HYDRALAZINE W HYDROCHLOROTHIAZIDE
4564 METHOSERPIDINE W BENZTHIAZIDE
4582 LISINOPRIL W HYDROCHLOROTHIAZIDE
4585 ALKAVERVIR W EPITIAZIDE
4590 BENAZEPRL, HYDROCHLOROTHIAZIDE
4599 HYDROCHLOROTHIAZIDE+TIMOLOL+AMILORIDE
4601 METHYLDOPA W HYDROCHLOROTHIAZIDE
4602 (METHYLCLOTHIAZIDE W DESERPIDINE
4603 METHYLDOPA W CHLORTHIAZIDE
6146 RESERPIN, DIHYDRALAZINE, HYDROCHLOROTHIAZIDE, KCL
6207 IRBESARTAN+HYDROCHLOROTHIAZIDE
6707 HYDROCHLOROTHIAZIDE W POTASSIUM CHLORIDE
6711 BENDROFLUMETHIAZIDE W POTASSIUM CHLORIDE
6723 METHYLCLOTHIAZIDE
6728 BENDROFLUMETHIAZIDE, RAUWOLFIA SERP, KCL
6735 TRICHLORMETHIAZIDE
6736 HYDROCHLOROTHIAZIDE W MEBONBAMATE
6738 TRICHLORMETHIAZIDE W RESERPINE
6739 CHLORTHIAZIDE W RESERPINE
6741 (GUANETHIDINE W HYDROCHLOROTHIAZIDE
6744 CYCLOTIAZIDE W POTASSIUM CHLORIDE
6749 CYCLOTIAZIDE
6750 HYDROCHLOROTHIAZIDE W AMILORIDE HCL
6762 POLYTHIAZIDE W RESERPINE
6771 BUTHIAZIDE
6783 (SPIRONOLACTONE W HYDROCHLOROTHIAZID
6789 TRIAMTERINE W BENZTHIAZIDE
6792 (AMILORIDE W HYDROCHLOROTHIAZIDE
9001 CRYPTENAMINE W METHYCLOTHIAZIDE
16701 CHLOROTHIAZIDE W SPIRONOLACTONE
16702 CHLORTHIAZIDE W SPIRONOLACTONE, LACTOSE
16709 ETHIAZIDE
40007 HYDROCHLOROTHIAZIDE OR PLACEBO STUDY
6731 QUINETHAZONE
4545 DIHYDROERG, CLOPAMIDE, RESERPINE
5758 PINDOLOL W CLOPAMIDE
6742 CHLORHALIDONE
6782 CHLORTHALIDONE/POT. CHLORIDE
6150 RESERPINE, MEFUSID, INOSITOCOT
4618 PERINDOPRIL + INDAPAMIDE
6752 CLOREXOLONE
6733 MERSALYL SODIUM
9198 PHENOBARBITAL W THEOBROMINE
4551 RESERPINE W FUROSEMIDE
6768 FUROSEMIDE W POTASSIUM
6793 (FUROSEMIDE W POTASSIUM
16704 FUROSEMIDE W PENBUTOLOL
6759 BUMETANIDE W POTASSIUM CHLORIDE
4605 PIRETANIDE
6790 TIENILIC ACID
6784 ETHACRYNIC ACID W TRASICOR
6766 ETOZOLIN
6781 LASIX W SPIRONOLACTON
6783 (SPIRONOLACTONE W HYDROCHLOROTHIAZID
6786 SPIRONOLACTONE W COMBINATIONS
16701 CHLOROTHIAZIDE W SPIRONOLACTONE
16702 CHLOROTHIAZIDE W SPIRONOLACTONE,LACTOSE
16708 POTASSIUM CANRENOATE
16712 EPLERENONE
4599 HYDROCHLOROTHIAZIDE+TIMOLOL+AMILORIDE
4616 TRIAMTERINE+AMILORIDE
16710 BUMETANIDE W AMILORIDE
4616 TRIAMTERINE+AMILORIDE
6765 BEMETIZIDE W TRIAMTERENE
6789 TRIAMTERINE W BENZTHIAZIDE

Nitrates

B06106 NITROGLYCERINE EXT.RELEASE
B06127 NITROGLYCERIN
B06167 NITROGLYCERIN + ISOSORBIDENITRAT
B06171 NITROGLYCERIN W COMBINATIONS
B06174 NITROGLYCERINE DISC
B06176 ISOSORBIDE MONONITRATE
B06206 ISOSORBIDE MONONITRATE+ASPIRIN
B06128 ISOSORBIDE DINITRATE
B06141 SODIUM NITROPRUSSIDE
B06153 AMYL NITRITE

Antiplatelet Agents

1923 EPOPROSTENOL
1928 ABCIXIMAB
1930 CLOPIDOGREL
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<tr>
<td>6105</td>
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<tr>
<td>4979</td>
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