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Combined Vaccination Risk Criteria

V6.5.0.0

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Outline

This document outlines the read code sets and other criteria that are used to search for patients eligible for a influenza or pneumococcal vaccination in the Combined Vaccination software (V6) for the 2009/2010 vaccination season as specified in CMO letters CMO(2005)03 and CMO(2009)02. As such the risk criteria in this document may be different from those required for the New GMS Contract.

Please note that the at-risk criteria have been set by Health Protection Scotland (HPS). If you have any queries or suggestions regarding the risk criteria, please email nss.hpspiperenquiries@nhs.net with your questions or comments.

This document is provided as part of the Combined Vaccination package to clarify the exact criteria used in each at risk group highlighted by the software. This should not be distributed without prior permission from Campbell Software Solutions Ltd.

The criteria for H1N1 pandemic influenza vaccination is set separately to ensure consistency across the UK and is contained in the PRIMIS+ risk criteria document.

Method

All read codes included in this document have been listed against their preferred term only. However the software will normally detect all instances of a listed read code recorded regardless of the actual read code term used. Any occasions where the software will match on a single read code term only have affected read codes marked with a * symbol to indicate this.

Each risk group is listed along with the vaccination(s) relevant for that group.

If a patient meets the criteria for more than one at-risk group (e.g. Chronic Heart Disease and Diabetes) then the patient will have one risk group selected as their primary risk group which will be displayed in the software. However the software will take into account all risk group memberships when calculating the vaccination eligibility for a patient.

The order in which at-risk groups are listed in this document is the order in which the software will prioritise risk groups in order to assign a patient their primary risk group.

Please note that pneumococcal vaccination is indicated every 5 years for patients in the Asplenia or Chronic Renal Failure risk groups.

A minimum age criteria of 2 years always applies for pneumococcal vaccinations* and 6 months for influenza vaccinations. Please note that the minimum age is calculated as of the current date and not the end of the season like all other age checks.

* The software is designed for use in those vaccinated OUTWITH the routine paediatric vaccination schedule (which uses pneumococcal conjugate vaccine as its primary vaccine) for which there is a call/recall system maintained by SIRS/ATOS Origin Alliance. Current Department of Health Green book recommendations for the use of pneumococcal vaccine endorse pneumococcal polysaccharide vaccine for use in those aged 65 and over and those in defined at risk groups over the age of two.

Vaccination Codes

The software recognises the following read codes for influenza and pneumococcal vaccinations to indicate vaccination status. Any read code that indicates a vaccination contraindication will always be given priority over any other vaccination read code. The read codes that will be recorded by the software are listed as the first entry in each category.

| Influenza Status | Read code | Description |
|------------------|--|---|
| Vaccinated | 65E. ZV048 65E2. 9OX3. 9OX8. | Influenza vaccination [V]Influenza vaccination Influenza vaccination given by other healthcare provider Has 'flu vaccination at hosp. Has influenza vaccination at work |
| Declined | 68NE. 9OX5. | No consent - influenza imm. Influenza vaccination declined |
| Contraindicated | 8I2F. 14LJ. U60K4 ZV14F | Influenza vaccination contraindicated H/O: influenza vaccine allergy [X]Influenza vaccine causing adverse effects therapeutic use [V]Personal history of influenza vaccine allergy |
| Not Appropriate | 8I6D. 68NZ.* | Influenza vaccination not indicated Immunisat. screen NOS |

* Note that the 68NZ. Read code must have a modifier of 'Influenza' to be considered Not Appropriate.

| Pneumococcal Status | Read code | Description |
|---------------------|--|---|
| Vaccinated | 65720 6572. 7L197 657K 657P. | Pneumococcal vaccination given Pneumococcal vaccination Subcutaneous injection of Pneumovax II Booster pneumococcal vaccination Pneumococcal vaccination given by other healthcare provider |
| Declined | 68NX. 8I3Q. | No consent pneumococcal immunisation Pneumococcal vaccination declined |
| Contraindicated | 8I2E. ZV14G U60J8 | Pneumococcal vaccination contraindicated [V]Personal history of pneumococcal vaccine allergy [X]Pneumococcal vacc causing adverse effects therapeutic use |
| Not Appropriate | 8I6P. 68NZ.* | Pneumococcal vaccination not indicated Immunisat. screen NOS |

* Note that the 68NZ. Read code must have a modifier of 'Pneumococcal' to be considered Not Appropriate.

Patient is aged 65 or above and in long stay care

Vaccinations Due: Influenza & Pneumococcal

Patient is aged 65 or over on 31/03/2010 and meets all other criteria in the 'Patients in long stay care' risk group.

Patient is aged 65 or above

Vaccinations Due: Influenza & Pneumococcal

Patient is aged 65 or over on 31/03/2010

Immunosuppressed

Vaccinations Due: Influenza & Pneumococcal

Patient meets one or more of the following criteria:

1) Patient has one or more of following read codes recorded:

| | |
|---------|---|
| 1271. * | FH: Addisonian anaemia |
| 2J30. | Patient immunocompromised |
| 2J31. | Patient immunosuppressed |
| 43C3. | HTLV-3 antibody positive |
| 7450 | Transplantation of lung |
| 74500 | Double lung transplant |
| 74501 | Single lung transplant |
| 74502 | Single lobe lung transplant |
| 7450y | Other specified transplantation of lung |
| 7450z | Transplantation of lung NOS |
| 764C0 | Allotransplantation of ileum |
| 7800 | Transplantation of liver |
| 75100 | Allotransplantation of tooth |
| 78000 | Orthotopic transplantation of liver |
| 78001 | Heterotopic transplantation of liver |
| 78002 | Replacement of previous liver transplant |
| 78003 | Transplantation of liver cells |
| 78004 | Orthotopic transplantation of whole liver |
| 78005 | Orthotopic transplantation of liver NEC |
| 7800y | Other specified transplantation of liver |
| 7800z | Transplantation of liver NOS |
| 7830 | Transplantation of pancreas |
| 78300 | Transplantation of pancreas and duodenum |
| 78301 | Transplantation of whole pancreas |
| 78302 | Transplantation of tail of pancreas |
| 78303 | Transplantation of islets of Langerhans |
| 78304 | Renewal of transplanted pancreatic tissue |
| 7830y | Other specified transplantation of pancreas |
| 7830z | Transplantation of pancreas NOS |
| 7900 | Transplantation of heart and lung |
| 79000 | Allotransplantation of heart and lung |
| 79001 | Revision of transplantation of heart and lung |
| 7900y | Other specified transplantation of heart and lung |
| 7900z | Transplantation of heart and lung NOS |
| 7901 | Other transplantation of heart |
| 7901y | Other specified other transplantation of heart |
| 7901z | Other transplantation of heart NOS |
| 7922 | Allograft replacement of coronary artery |
| 79010 | Allotransplantation of heart NEC |
| 79011 | Xenotransplantation of heart |
| 79013 | Piggy back transplantation of heart |
| 79014 | Revision of implantation of prosthetic heart |
| 79015 | Revision of transplantation of heart NEC |
| 79100 | Allograft replacement of mitral valve |
| 79110 | Allograft replacement of aortic valve |
| 79120 | Allograft replacement of tricuspid valve |

79130 Allograft replacement of pulmonary valve
79140 Allograft replacement of valve of heart NEC
79220 Allograft replacement of one coronary artery
79221 Allograft replacement of two coronary arteries
79222 Allograft replacement of three coronary arteries
79223 Allograft replacement of four or more coronary arteries
7922y Other specified allograft replacement of coronary artery
7922z Allograft replacement of coronary artery NOS
7B00. Transplantation of kidney
7B001 Transplantation of kidney from live donor
7B002 Transplantation of kidney from cadaver
7B003 Allotransplantation of kidney from cadaver, heart-beating
7B004 Allotransplantation kidney from cadaver, heart non-beating
7B005 Allotransplantation of kidney from cadaver NEC
7B00y Other specified transplantation of kidney
7B00z Transplantation of kidney NOS
7B0F3 Post-transplantation of kidney examination, recipient
7G1J0 Allograft of skin to head or neck NEC
7G1J1 Allograft of skin NEC
7K1Q. Graft of bone marrow
7K1Q1 Allograft of bone marrow NEC
7K1Q2 Transfusion of stem cells
7K1Q3 Allograft of bone marrow from sibling donor
7K1Q4 Allograft of bone marrow from matched unrelated donor
7K1Q5 Allograft of bone marrow from haploidentical donor
7K1Q6 Allograft of bone marrow from unmatched unrelated donor
7K1Qy Other specified graft of bone marrow
7K1Qz Graft of bone marrow NOS
7K1S1 Allograft of bone NEC
7K6M4 Primary allograft replacement extra-articular ligament
7K6M7 Primary open allograft replacement intra-articular ligament
7K6N4 Revision allograft replacement extra-articular ligament
7K6N7 Revision open allograft replacement intra-articular ligament
7K6Q8 Primary allograft augmentation extra-articular ligament
7K6QB Revision allograft augmentation extra-articular ligament
7K6QD Primary extra-art allograft augmentation intra-art ligament
7K6QG Revision extra-art allograft augmentation intra-art ligament
7K6QK Primary open intra-art allograft augmnt intra-art ligament
7K6QN Revision open intra-art allograft augmnt intra-art ligament
7K6W7 Primary arthroscopic allograft ligament replacement
7K6WB Primary arthroscopic allograft ligament augmentation
7K6WH Revision arthroscopic allograft ligament replacement
7K6WM Revision arthroscopic allograft ligament augmentation
7L147 Allogeneic peripheral blood stem cell transplant
7M0K1 Allograft to organ NOC
8C31. Transplant immunosuppression
8HBB. Transplant follow-up
A176. Tuberculosis of adrenal glands - Addison's disease
A788. Acquired immune deficiency syndrome
A7880 Acute human immunodeficiency virus infection
A7881 Asymptomatic human immunodeficiency virus infection
A7882 HIV infection with persistent generalised lymphadenopathy
A7883 Human immunodeficiency virus with constitutional disease
A7884 Human immunodeficiency virus with neurological disease

A7885 Human immunodeficiency virus with secondary infection
A7886 Human immunodeficiency virus with secondary cancers
A788U HIV disease result/haematological+immunologic abnorms,NEC
A788V HIV disease resulting in multiple diseases CE
A788W HIV disease resulting in unspecified malignant neoplasm
A788X HIV disease resulting/unspcf infectious+parasitic disease
A788y Human immunodeficiency virus with other clinical findings
A788z Acquired human immunodeficiency virus infection syndrome NOS
A789. Human immunodef virus resulting in other disease
A7890 HIV disease resulting in mycobacterial infection
A7891 HIV disease resulting in cytomegaloviral disease
A7892 HIV disease resulting in candidiasis
A7893 HIV disease resulting in Pneumocystis carinii pneumonia
A7894 HIV disease resulting in multiple infections
A7895 HIV disease resulting in Kaposi's sarcoma
A7896 HIV disease resulting in Burkitt's lymphoma
A7897 HIV dis resulting oth types of non-Hodgkin's lymphoma
A7898 HIV disease resulting in multiple malignant neoplasms
A7899 HIV disease resulting in lymphoid interstitial pneumonitis
A789A HIV disease resulting in wasting syndrome
A789X HIV dis restl/oth mal neopl/lymph,h'matopoetc+reltd tissu
AyuC4 [X]HIV disease resulting/other infectious+parasitic diseases
B6... Malignant neoplasm of lymphatic and haemopoietic tissue
B60.. Lymphosarcoma and reticulosarcoma
B600. Reticulosarcoma
B6000 Reticulosarcoma of unspecified site
B6001 Reticulosarcoma of lymph nodes of head, face and neck
B6002 Reticulosarcoma of intrathoracic lymph nodes
B6003 Reticulosarcoma of intra-abdominal lymph nodes
B6004 Reticulosarcoma of lymph nodes of axilla and upper limb
B6005 Reticulosarcoma of lymph nodes of inguinal region and leg
B6006 Reticulosarcoma of intrapelvic lymph nodes
B6007 Reticulosarcoma of spleen
B6008 Reticulosarcoma of lymph nodes of multiple sites
B600z Reticulosarcoma NOS
B601. Lymphosarcoma
B6010 Lymphosarcoma of unspecified site
B6011 Lymphosarcoma of lymph nodes of head, face and neck
B6012 Lymphosarcoma of intrathoracic lymph nodes
B6013 Lymphosarcoma of intra-abdominal lymph nodes
B6014 Lymphosarcoma of lymph nodes of axilla and upper limb
B6015 Lymphosarcoma of lymph nodes of inguinal region and leg
B6016 Lymphosarcoma of intrapelvic lymph nodes
B6017 Lymphosarcoma of spleen
B6018 Lymphosarcoma of lymph nodes of multiple sites
B601z Lymphosarcoma NOS
B602. Burkitt's lymphoma
B6020 Burkitt's lymphoma of unspecified site
B6021 Burkitt's lymphoma of lymph nodes of head, face and neck
B6022 Burkitt's lymphoma of intrathoracic lymph nodes
B6023 Burkitt's lymphoma of intra-abdominal lymph nodes
B6024 Burkitt's lymphoma of lymph nodes of axilla and upper limb
B6025 Burkitt's lymphoma of lymph nodes of inguinal region and leg
B6026 Burkitt's lymphoma of intrapelvic lymph nodes

B6027 Burkitt's lymphoma of spleen
 B6028 Burkitt's lymphoma of lymph nodes of multiple sites
 B602z Burkitt's lymphoma NOS
 B60y. Other specified reticulosarcoma or lymphosarcoma
 B60z. Reticulosarcoma or lymphosarcoma NOS
 B61.. Hodgkin's disease
 B610. Hodgkin's paragranuloma
 B6100 Hodgkin's paragranuloma of unspecified site
 B6101 Hodgkin's paragranuloma of lymph nodes of head, face, neck
 B6102 Hodgkin's paragranuloma of intrathoracic lymph nodes
 B6103 Hodgkin's paragranuloma of intra-abdominal lymph nodes
 B6104 Hodgkin's paragranuloma of lymph nodes of axilla and arm
 B6105 Hodgkin's paragranuloma lymph nodes inguinal region and leg
 B6106 Hodgkin's paragranuloma of intrapelvic lymph nodes
 B6107 Hodgkin's paragranuloma of spleen
 B6108 Hodgkin's paragranuloma of lymph nodes of multiple sites
 B610z Hodgkin's paragranuloma NOS
 B611. Hodgkin's granuloma
 B6110 Hodgkin's granuloma of unspecified site
 B6111 Hodgkin's granuloma of lymph nodes of head, face and neck
 B6112 Hodgkin's granuloma of intrathoracic lymph nodes
 B6113 Hodgkin's granuloma of intra-abdominal lymph nodes
 B6114 Hodgkin's granuloma of lymph nodes of axilla and upper limb
 B6115 Hodgkin's granuloma lymph nodes of inguinal region and leg
 B6116 Hodgkin's granuloma of intrapelvic lymph nodes
 B6117 Hodgkin's granuloma of spleen
 B6118 Hodgkin's granuloma of lymph nodes of multiple sites
 B611z Hodgkin's granuloma NOS
 B612. Hodgkin's sarcoma
 B6120 Hodgkin's sarcoma of unspecified site
 B6121 Hodgkin's sarcoma of lymph nodes of head, face and neck
 B6122 Hodgkin's sarcoma of intrathoracic lymph nodes
 B6123 Hodgkin's sarcoma of intra-abdominal lymph nodes
 B6124 Hodgkin's sarcoma of lymph nodes of axilla and upper limb
 B6125 Hodgkin's sarcoma of lymph nodes of inguinal region and leg
 B6126 Hodgkin's sarcoma of intrapelvic lymph nodes
 B6127 Hodgkin's sarcoma of spleen
 B6128 Hodgkin's sarcoma of lymph nodes of multiple sites
 B612z Hodgkin's sarcoma NOS
 B613. Hodgkin's disease, lymphocytic-histiocytic predominance
 B6130 Hodgkin's, lymphocytic-histiocytic predominance unspec site
 B6131 Hodgkin's, lymphocytic-histiocytic pred of head, face, neck
 B6132 Hodgkin's, lymphocytic-histiocytic pred intrathoracic nodes
 B6133 Hodgkin's, lymphocytic-histiocytic pred intra-abdominal node
 B6134 Hodgkin's, lymphocytic-histiocytic pred axilla and arm
 B6135 Hodgkin's, lymphocytic-histiocytic pred inguinal and leg
 B6136 Hodgkin's, lymphocytic-histiocytic pred intrapelvic nodes
 B6137 Hodgkin's, lymphocytic-histiocytic predominance of spleen
 B6138 Hodgkin's, lymphocytic-histiocytic pred of multiple sites
 B613z Hodgkin's, lymphocytic-histiocytic predominance NOS
 B614. Hodgkin's disease, nodular sclerosis
 B6140 Hodgkin's disease, nodular sclerosis of unspecified site
 B6141 Hodgkin's nodular sclerosis of head, face and neck
 B6142 Hodgkin's nodular sclerosis of intrathoracic lymph nodes

B6143 Hodgkin's nodular sclerosis of intra-abdominal lymph nodes
 B6144 Hodgkin's nodular sclerosis of lymph nodes of axilla and arm
 B6145 Hodgkin's nodular sclerosis of inguinal region and leg
 B6146 Hodgkin's nodular sclerosis of intrapelvic lymph nodes
 B6147 Hodgkin's disease, nodular sclerosis of spleen
 B6148 Hodgkin's nodular sclerosis of lymph nodes of multiple sites
 B614z Hodgkin's disease, nodular sclerosis NOS
 B615. Hodgkin's disease, mixed cellularity
 B6150 Hodgkin's disease, mixed cellularity of unspecified site
 B6151 Hodgkin's mixed cellularity of lymph nodes head, face, neck
 B6152 Hodgkin's mixed cellularity of intrathoracic lymph nodes
 B6153 Hodgkin's mixed cellularity of intra-abdominal lymph nodes
 B6154 Hodgkin's mixed cellularity of lymph nodes of axilla and arm
 B6155 Hodgkin's mixed cellularity of lymph nodes inguinal and leg
 B6156 Hodgkin's mixed cellularity of intrapelvic lymph nodes
 B6157 Hodgkin's disease, mixed cellularity of spleen
 B6158 Hodgkin's mixed cellularity of lymph nodes of multiple sites
 B615z Hodgkin's disease, mixed cellularity NOS
 B616. Hodgkin's disease, lymphocytic depletion
 B6160 Hodgkin's lymphocytic depletion of unspecified site
 B6161 Hodgkin's lymphocytic depletion of head, face and neck
 B6162 Hodgkin's lymphocytic depletion of intrathoracic lymph nodes
 B6163 Hodgkin's lymphocytic depletion intra-abdominal lymph nodes
 B6164 Hodgkin's lymphocytic depletion lymph nodes axilla and arm
 B6165 Hodgkin's lymphocytic depletion lymph nodes inguinal and leg
 B6166 Hodgkin's lymphocytic depletion of intrapelvic lymph nodes
 B6167 Hodgkin's disease, lymphocytic depletion of spleen
 B6168 Hodgkin's lymphocytic depletion lymph nodes multiple sites
 B616z Hodgkin's disease, lymphocytic depletion NOS
 B61z. Hodgkin's disease NOS
 B61z0 Hodgkin's disease NOS, unspecified site
 B61z1 Hodgkin's disease NOS of lymph nodes of head, face and neck
 B61z2 Hodgkin's disease NOS of intrathoracic lymph nodes
 B61z3 Hodgkin's disease NOS of intra-abdominal lymph nodes
 B61z4 Hodgkin's disease NOS of lymph nodes of axilla and arm
 B61z5 Hodgkin's disease NOS of lymph nodes inguinal region and leg
 B61z6 Hodgkin's disease NOS of intrapelvic lymph nodes
 B61z7 Hodgkin's disease NOS of spleen
 B61z8 Hodgkin's disease NOS of lymph nodes of multiple sites
 B61zz Hodgkin's disease NOS
 B62.. Other malignant neoplasm of lymphoid and histiocytic tissue
 B620. Nodular lymphoma (Brill - Symmers disease)
 B6200 Nodular lymphoma of unspecified site
 B6201 Nodular lymphoma of lymph nodes of head, face and neck
 B6202 Nodular lymphoma of intrathoracic lymph nodes
 B6203 Nodular lymphoma of intra-abdominal lymph nodes
 B6204 Nodular lymphoma of lymph nodes of axilla and upper limb
 B6205 Nodular lymphoma of lymph nodes of inguinal region and leg
 B6206 Nodular lymphoma of intrapelvic lymph nodes
 B6207 Nodular lymphoma of spleen
 B6208 Nodular lymphoma of lymph nodes of multiple sites
 B620z Nodular lymphoma NOS
 B621. Mycosis fungoides
 B6210 Mycosis fungoides of unspecified site

B6211 Mycosis fungoides of the lymph nodes of head, face and neck
 B6212 Mycosis fungoides of intrathoracic lymph nodes
 B6213 Mycosis fungoides of intra-abdominal lymph nodes
 B6214 Mycosis fungoides of lymph nodes of axilla and upper limb
 B6215 Mycosis fungoides of lymph nodes of inguinal region and leg
 B6216 Mycosis fungoides of intrapelvic lymph nodes
 B6217 Mycosis fungoides of spleen
 B6218 Mycosis fungoides of lymph nodes of multiple sites
 B621z Mycosis fungoides NOS
 B622. Sezary's disease
 B6220 Sezary's disease of unspecified site
 B6221 Sezary's disease of lymph nodes of head, face and neck
 B6222 Sezary's disease of intrathoracic lymph nodes
 B6223 Sezary's disease of intra-abdominal lymph nodes
 B6224 Sezary's disease of lymph nodes of axilla and upper limb
 B6225 Sezary's disease of lymph nodes of inguinal region and leg
 B6226 Sezary's disease of intrapelvic lymph nodes
 B6227 Sezary's disease of spleen
 B6228 Sezary's disease of lymph nodes of multiple sites
 B622z Sezary's disease NOS
 B623. Malignant histiocytosis
 B6230 Malignant histiocytosis of unspecified site
 B6231 Malignant histiocytosis of lymph nodes head, face and neck
 B6232 Malignant histiocytosis of intrathoracic lymph nodes
 B6233 Malignant histiocytosis of intra-abdominal lymph nodes
 B6234 Malignant histiocytosis of lymph nodes of axilla and arm
 B6235 Malignant histiocytosis of lymph nodes inguinal and leg
 B6236 Malignant histiocytosis of intrapelvic lymph nodes
 B6237 Malignant histiocytosis of spleen
 B6238 Malignant histiocytosis of lymph nodes of multiple sites
 B623z Malignant histiocytosis NOS
 B624. Leukaemic reticuloendotheliosis
 B6240 Leukaemic reticuloendotheliosis of unspecified sites
 B6241 Leukaemic reticuloend of lymph nodes of head, face and neck
 B6242 Leukaemic reticuloendotheliosis of intrathoracic lymph nodes
 B6243 Leukaemic reticuloend of intra-abdominal lymph nodes
 B6244 Leukaemic reticuloend of lymph nodes of axilla and arm
 B6245 Leukaemic reticuloend of lymph nodes inguinal region and leg
 B6246 Leukaemic reticuloendotheliosis of intrapelvic lymph nodes
 B6247 Leukaemic reticuloendotheliosis of spleen
 B6248 Leukaemic reticuloend of lymph nodes of multiple sites
 B624z Leukaemic reticuloendotheliosis NOS
 B625. Letterer-Siwe disease
 B6250 Letterer-Siwe disease of unspecified sites
 B6251 Letterer-Siwe disease of lymph nodes of head, face and neck
 B6252 Letterer-Siwe disease of intrathoracic lymph nodes
 B6253 Letterer-Siwe disease of intra-abdominal lymph nodes
 B6254 Letterer-Siwe disease of lymph nodes of axilla and arm
 B6255 Letterer-Siwe disease of lymph nodes inguinal region and leg
 B6256 Letterer-Siwe disease of intrapelvic lymph nodes
 B6257 Letterer-Siwe disease of spleen
 B6258 Letterer-Siwe disease of lymph nodes of multiple sites
 B625z Letterer-Siwe disease NOS
 B626. Malignant mast cell tumours

B6260 Mast cell malignancy of unspecified site
 B6261 Mast cell malignancy of lymph nodes of head, face and neck
 B6262 Mast cell malignancy of intrathoracic lymph nodes
 B6263 Mast cell malignancy of intra-abdominal lymph nodes
 B6264 Mast cell malignancy of lymph nodes of axilla and upper limb
 B6265 Mast cell malignancy of lymph nodes inguinal region and leg
 B6266 Mast cell malignancy of intrapelvic lymph nodes
 B6267 Mast cell malignancy of spleen
 B6268 Mast cell malignancy of lymph nodes of multiple sites
 B626z Malignant mast cell tumour NOS
 B627. Non - Hodgkin's lymphoma
 B6270 Follicular non-Hodgkin's small cleaved cell lymphoma
 B6271 Follicular non-Hodg mixed sml cleavd & lge cell lymphoma
 B6272 Follicular non-Hodgkin's large cell lymphoma
 B6273 Diffuse non-Hodgkin's small cell (diffuse) lymphoma
 B6274 Diffuse non-Hodgkin's small cleaved cell (diffuse) lymphoma
 B6275 Diffuse non-Hodgkin mixed sml & lge cell (diffuse) lymphoma
 B6276 Diffuse non-Hodgkin's immunoblastic (diffuse) lymphoma
 B6277 Diffuse non-Hodgkin's lymphoblastic (diffuse) lymphoma
 B6278 Diffuse non-Hodgkin's lymphoma undifferentiated (diffuse)
 B627B Other types of follicular non-Hodgkin's lymphoma
 B627C Follicular non-Hodgkin's lymphoma
 B627D Diffuse non-Hodgkin's centroblastic lymphoma
 B627W Unspecified B-cell non-Hodgkin's lymphoma
 B627X Diffuse non-Hodgkin's lymphoma, unspecified
 B62x. Malignant lymphoma otherwise specified
 B62x0 T-zone lymphoma
 B62x1 Lymphoepithelioid lymphoma
 B62x2 Peripheral T-cell lymphoma
 B62x3 Malignant reticuloendotheliosis
 B62x4 Malignant reticulosis
 B62x5 Malignant immunoproliferative small intestinal disease
 B62x6 True histiocytic lymphoma
 B62xX Oth and unspecif peripheral & cutaneous T-cell lymphomas
 B62y. Malignant lymphoma NOS
 B62y0 Malignant lymphoma NOS of unspecified site
 B62y1 Malignant lymphoma NOS of lymph nodes of head, face and neck
 B62y2 Malignant lymphoma NOS of intrathoracic lymph nodes
 B62y3 Malignant lymphoma NOS of intra-abdominal lymph nodes
 B62y4 Malignant lymphoma NOS of lymph nodes of axilla and arm
 B62y5 Malignant lymphoma NOS of lymph node inguinal region and leg
 B62y6 Malignant lymphoma NOS of intrapelvic lymph nodes
 B62y7 Malignant lymphoma NOS of spleen
 B62y8 Malignant lymphoma NOS of lymph nodes of multiple sites
 B62yz Malignant lymphoma NOS
 B62z. Malignant neoplasms of lymphoid and histiocytic tissue NOS
 B62z0 Unspec malig neop lymphoid/histiocytic of unspecified site
 B62z1 Unspec malig neop lymphoid/histiocytic lymph node head/neck
 B62z2 Unspec malig neop lymphoid/histiocytic of intrathoracic node
 B62z3 Unspec malig neop lymphoid/histiocytic intra-abdominal nodes
 B62z4 Unspec malig neop lymphoid/histiocytic lymph node axilla/arm
 B62z5 Unspec malig neop lymphoid/histiocytic nodes inguinal/leg
 B62z6 Unspec malig neop lymphoid/histiocytic of intrapelvic nodes
 B62z7 Unspec malig neop lymphoid/histiocytic of spleen

B62z8 Unspec malig neop lymphoid/histiocytic of multiple sites
 B62zz Lymphoid and histiocytic malignancy NOS
 B63.. Multiple myeloma and immunoproliferative neoplasms
 B630. Multiple myeloma
 B6300 Malignant plasma cell neoplasm, extramedullary plasmacytoma
 B6301 Solitary myeloma
 B6302 Plasmacytoma NOS
 B6303 Lambda light chain myeloma
 B631. Plasma cell leukaemia
 B63y. Other immunoproliferative neoplasms
 B63z. Immunoproliferative neoplasm or myeloma NOS
 B64.. Lymphoid leukaemia
 B640. Acute lymphoid leukaemia
 B641. Chronic lymphoid leukaemia
 B642. Subacute lymphoid leukaemia
 B64y. Other lymphoid leukaemia
 B64y0 Aleukaemic lymphoid leukaemia
 B64y1 Prolymphocytic leukaemia
 B64y2 Adult T-cell leukaemia
 B64yz Other lymphoid leukaemia NOS
 B64z. Lymphoid leukaemia NOS
 B65.. Myeloid leukaemia
 B650. Acute myeloid leukaemia
 B651. Chronic myeloid leukaemia
 B6510 Chronic eosinophilic leukaemia
 B6512 Chronic neutrophilic leukaemia
 B651z Chronic myeloid leukaemia NOS
 B652. Subacute myeloid leukaemia
 B653. Myeloid sarcoma
 B6530 Chloroma
 B6531 Granulocytic sarcoma
 B653z Myeloid sarcoma NOS
 B65y. Other myeloid leukaemia
 B65y0 Aleukaemic myeloid leukaemia
 B65y1 Acute promyelocytic leukaemia
 B65yz Other myeloid leukaemia NOS
 B65z. Myeloid leukaemia NOS
 B66.. Monocytic leukaemia
 B660. Acute monocytic leukaemia
 B661. Chronic monocytic leukaemia
 B662. Subacute monocytic leukaemia
 B66y. Other monocytic leukaemia
 B66y0 Aleukaemic monocytic leukaemia
 B66yz Other monocytic leukaemia NOS
 B66z. Monocytic leukaemia NOS
 B67.. Other specified leukaemia
 B670. Acute erythraemia and erythroleukaemia
 B671. Chronic erythraemia
 B672. Megakaryocytic leukaemia
 B673. Mast cell leukaemia
 B674. Acute panmyelosis
 B675. Acute myelofibrosis
 B67y. Other and unspecified leukaemia
 B67y0 Lymphosarcoma cell leukaemia

B67yz Other and unspecified leukaemia NOS
 B67z. Other specified leukaemia NOS
 B68.. Leukaemia of unspecified cell type
 B680. Acute leukaemia NOS
 B681. Chronic leukaemia NOS
 B682. Subacute leukaemia NOS
 B68y. Other leukaemia of unspecified cell type
 B68z. Leukaemia NOS
 B69.. Myelomonocytic leukaemia
 B690. Acute myelomonocytic leukaemia
 B691. Chronic myelomonocytic leukaemia
 B692. Subacute myelomonocytic leukaemia
 B6y.. Malignant neoplasm lymphatic or haematopoietic tissue OS
 B6y0. Myeloproliferative disorder
 B6y1. Myelosclerosis with myeloid metaplasia
 B6z.. Malignant neoplasm lymphatic or haematopoietic tissue NOS
 B6z0. Kaposi's sarcoma of lymph nodes
 BBg.. [M]Lymphomas, NOS or diffuse
 BBg0. [M]Lymphomatous tumour, benign
 BBg1. [M]Malignant lymphoma NOS
 BBg10 [M]Malignant lymphoma, diffuse NOS
 BBg2. [M]Malignant lymphoma, non Hodgkin's type
 BBg3. [M]Malignant lymphoma, undifferentiated cell type NOS
 BBg4. [M]Malignant lymphoma, stem cell type
 BBg5. [M]Malignant lymphoma, convoluted cell type NOS
 BBg6. [M]Lymphosarcoma NOS
 BBg7. [M]Malignant lymphoma, lymphoplasmacytoid type
 BBg8. [M]Malignant lymphoma, immunoblastic type
 BBg9. [M]Malignant lymphoma, mixed lymphocytic-histiocytic NOS
 BBgA. [M]Malignant lymphoma, centroblastic-centrocytic, diffuse
 BBgB. [M]Malignant lymphoma, follicular centre cell NOS
 BBgC. [M]Malignant lymphoma, lymphocytic, well differentiated NOS
 BBgD. [M]Malig lymphoma, lymphocytic, intermediate different NOS
 BBgE. [M]Malignant lymphoma, centrocytic
 BBgF. [M]Malignant lymphoma, follicular centre cell, cleaved NOS
 BBgG. [M]Malignant lymphoma, lymphocytic, poorly different NOS
 BBgH. [M]Prolymphocytic lymphosarcoma
 BBgJ. [M]Malignant lymphoma, centroblastic type NOS
 BBgK. [M]Malig lymphoma, follicular centre cell, non-cleaved NOS
 BBgL. [M]Malignant lymphoma, small lymphocytic NOS
 BBgM. [M]Malignant lymphoma, small cleaved cell, diffuse
 BBgN. [M]Malign lymphoma,lymphocytic,intermediate differn, diffuse
 BBgP. [M]Malignant lymphoma, mixed small and large cell, diffuse
 BBgQ. [M]Malignant lymphomatous polyposis
 BBgR. [M]Malignant lymphoma, large cell, diffuse NOS
 BBgS. [M]Malignant lymphoma, large cell, cleaved, diffuse
 BBgT. [M]Malignant lymphoma, large cell, noncleaved, diffuse
 BBgV. [M]Malignant lymphoma, small cell, noncleaved, diffuse
 BBgz. [M]Lymphoma, diffuse or NOS
 BBk.. [M]Lymphomas, nodular or follicular
 BBk0. [M]Malignant lymphoma, nodular NOS
 BBk1. [M]Malig lymphoma, mixed lymphocytic-histiocytic, nodular
 BBk2. [M]Malignant lymphoma, centroblastic-centrocytic, follicular
 BBk3. [M]Malig lymphoma, lymphocytic, well differentiated,nodular

BBk4. [M]Malig lymph, lymphocytic, intermediate different, nodular
 BBk5. [M]Malig lymph, follicular centre cell, cleaved, follicular
 BBk6. [M]Malig lymph, lymphocytic, poorly differentiated, nodular
 BBk7. [M]Malignant lymphoma, centroblastic type, follicular
 BBk8. [M]Malig lymph, follicular centre cell, noncleaved, follicular
 BBkz. [M]Lymphoma, nodular or follicular NOS
 BBm4. [M]True histiocytic lymphoma
 BBm5. [M] Peripheral T-cell lymphoma NOS
 BBm9. [M] Monocytoid B-cell lymphoma
 BBmD. [M] Cutaneous lymphoma
 BBmH. [M] Large cell lymphoma
 BBr27 [M]Adult T-cell leukaemia/lymphoma
 BBr5. [M]Lymphosarcoma cell leukaemias
 BBr50 [M]Lymphosarcoma cell leukaemia
 BBr5z [M]Lymphosarcoma cell leukaemia NOS
 BBv2. [M]Angiocentric T-cell lymphoma
 ByuDF [X]Non-Hodgkin's lymphoma, unspecified type
 C1541 Addison's disease
 C1546 Addisonian crisis
 D010.* Addison's anaemia
 Eu024 [X]Dementia in human immunodeficiency virus [HIV] disease
 F3950 Myopathy due to Addison's disease
 K0B5. Renal tubulo-interstitial disorders in transplant rejection
 R109. [D]Laboratory evidence of human immunodeficiency virus [HIV]
 SP04C Fracture of bone allograft
 SP04D Displacement of bone allograft
 SP04F Rejection of bone allograft
 SP08. Transplanted organ complication
 SP080 Transplanted organ failure
 SP081 Transplanted organ rejection
 SP082 Bone-marrow transplant rejection
 SP083 Kidney transplant failure and rejection
 SP084 Heart transplant failure and rejection
 SP085 Heart-lung transplant failure and rejection
 SP086 Liver transplant failure and rejection
 SP087 Acute graft-versus-host disease
 SP088 Chronic graft-versus-host disease
 SP08z Transplanted organ complication NOS
 TB00. Organ transplant with complication, without blame
 TB000 Heart transplant with complication, without blame
 TB001 Kidney transplant with complication, without blame
 TB002 Liver transplant with complication, without blame
 TB00z Organ transplant with complication, without blame NOS
 U630. [X]Surg op trnspl wh org abn react pt/lat comp no misadv time
 ZV01A [V]Asymptomatic human immunodeficiency virus infection status
 ZV42. [V]Transplanted organ or tissue
 ZV420 [V]Kidney transplanted
 ZV421 [V]Heart transplanted
 ZV422 [V]Heart valve transplanted
 ZV423 [V]Skin transplanted
 ZV424 [V]Bone transplanted
 ZV426 [V]Lung transplanted
 ZV427 [V]Liver transplanted
 ZV42y [V]Other specified transplanted organ or tissue

ZV42z [V]Unspecified transplanted organ or tissue
ZV596 [V]Heart and lungs transplant status

* *Specific read code term matching in effect*

2) Patient has one or more of following read codes recorded since 01/09/2008:

70462 Intrathecal chemotherapy
7L102 Continuous infusion of chemotherapy
7L161 Intravenous chemotherapy
7L193 Subcutaneous chemotherapy
7L1d. Delivery of chemotherapy for neoplasm
7L1d0 Del comp chemo neo inc prolong infusion treat first attend
7L1d1 Deliv complex parenteral chemotherapy neopl first attendance
7L1d2 Deliver simple parenteral chemother neoplas first attendance
7L1d3 Delivery subsequent element cycle chemotherapy for neoplasm
7L1dy Other specified delivery of chemotherapy for neoplasm
7L1dz Delivery of chemotherapy for neoplasm NOS
7L1e. Delivery of oral chemotherapy for neoplasm
7L1e0 Delivery of exclusively oral chemotherapy for neoplasm
7L1ey Other specified delivery of oral chemotherapy for neoplasm
7L1ez Delivery of oral chemotherapy for neoplasm NOS
8B3p. Administration of cancer treatment
8BA5. Oral chemotherapy
8BAD. Chemotherapy
8BAD0 Cancer chemotherapy
8BAD1 TB chemotherapy
8BAI. Ambulatory chemotherapy
8BAK. Post-operative chemotherapy
8BAL. Combined pre-operative chemotherapy and radiotherapy
8BAM. Combined post-operative chemotherapy and radiotherapy
8CV1. Chemotherapy started
8HB7. Chemotherapy follow-up
ZV581 [V]Maintenance chemotherapy
ZV588 [V]Chemotherapy session for neoplasm
ZV662 [V]Convalescence after chemotherapy
ZV672 [V]Chemotherapy follow-up
ZV678 [V]Follow-up examin after chemotherapy for malign neoplasm

3) Patient has been prescribed one or more of following medication since 01/09/2008:

| | |
|--------------------------|-----------------------|
| Alkeran | Leflunomide |
| Anagrelide Hydrochloride | Leukeran |
| Anakinra | Leustat |
| Arava | Maxtrex |
| Auranofin | Melphalan |
| Azathioprine | Mercaptopurine |
| Azathioprine Tabs 25mg | Mesna |
| Busulfan | Methotrexate |
| Caelyx | Mycophenolate Mofetil |
| Capecitabine | Mycophenolic Acid |
| Cellcept | Myfortic |
| Chlorambucil | Myleran |

Ciclosporin
 Cladribine
 Cyclophosphamide
 Daunorubicin
 Doxorubicin Hydrochloride Liposomal
 Enbrel
 Endoxana
 Estracyt
 Estramustine Phosphate
 Etanercept
 Fludara
 Fludarabine Phosphate
 Fluorouracil
 Hydrea
 Hydroxycarbamide
 Idarubicin Hydrochloride
 Immunoprin
 Imuran
 Infliximab aka Remicade
 Kineret
 Lanvis

Myocrisin
 Neoral
 Procarbazine
 Prograf
 Purinethol
 Raltitrexed
 Rapamune
 Ridaura
 Sandimmun
 Sirolimus
 Sodium Aurothiomalate
 Tacrolimus
 Temodal
 Temozolomide
 Tioguanine
 Tomudex
 Treosulfan
 Uromitexan
 Xagrid
 Xeloda
 Zavedos

4) Patient has been prescribed medication since 01/09/2008 which matches any of following medication read codes:

| | |
|----|-----------------------------|
| h1 | Alkylating Drugs |
| h2 | Cytotoxic Antibiotics |
| h3 | Antimetabolites |
| h4 | Vinca Alkaloids + Etoposide |
| h5 | Other Cytotoxic Drugs |
| h6 | Antagonists + Cytotoxics |
| h7 | Cytotoxic Immunosuppression |
| h8 | Other Immunosuppressants |
| hh | Other Antineoplastic Agts |

Asplenia or Dysfunction of the spleen

Vaccinations Due: Influenza & Pneumococcal (Pneumococcal is indicated every 5 years)

Patient has one of more of following read codes recorded:

- 14N7. H/O: splenectomy
- 7840. Total excision of spleen
- 78400 Total excision of spleen and replantation of fragments
- 78401 Total splenectomy
- 78403 Splenectomy NEC
- 78404 Laparoscopic total splenectomy
- 7840y Other specified total excision of spleen
- 7840z Total excision of spleen NOS
- D4154 Splenic atrophy
- D4156 Splenic fibrosis
- D4157 Splenic infarction
- D415A Hyposplenism
- G74y6 Embolism and thrombosis of the splenic artery
- PK06. Hypoplasia of spleen
- D105. Sickle-cell trait
- D106. Sickle-cell anaemia
- D1060 Sickle-cell anaemia of unspecified type
- D1061 Sickle-cell anaemia with no crisis
- D1062 Sickle-cell anaemia with crisis
- D1063 Sickle-cell anaemia with haemoglobin C disease
- D1064 Sickle-cell anaemia with haemoglobin D disease
- D1065 Sickle-cell anaemia with haemoglobin E disease
- D106z Sickle-cell anaemia NOS
- J690. Coeliac disease
- J6900 Congenital coeliac disease
- J6901 Acquired coeliac disease
- J690z Coeliac disease NOS
- PK01. Absent spleen

Chronic Respiratory Disease

Vaccinations Due: Influenza & Pneumococcal

Patient has one or more of following read codes recorded:

- 23E5. O/E - fibrosis of lung present
- C370. Cystic fibrosis
- C3700 Cystic fibrosis with no meconium ileus
- C3701 Cystic fibrosis with meconium ileus
- C3702 Cystic fibrosis with pulmonary manifestations
- C3703 Cystic fibrosis with intestinal manifestations
- C370y Cystic fibrosis with other manifestations
- C370z Cystic fibrosis NOS
- H3... Chronic obstructive pulmonary disease
- H31.. Chronic bronchitis
- H310. Simple chronic bronchitis
- H3100 Chronic catarrhal bronchitis
- H310z Simple chronic bronchitis NOS
- H311. Mucopurulent chronic bronchitis
- H3110 Purulent chronic bronchitis
- H3111 Fetid chronic bronchitis
- H311z Mucopurulent chronic bronchitis NOS
- H312. Obstructive chronic bronchitis
- H3120 Chronic asthmatic bronchitis
- H3121 Emphysematous bronchitis
- H3122 Acute exacerbation of chronic obstructive airways disease
- H3123 Bronchiolitis obliterans
- H312z Obstructive chronic bronchitis NOS
- H313. Mixed simple and mucopurulent chronic bronchitis
- H31y. Other chronic bronchitis
- H31y0 Chronic tracheitis
- H31y1 Chronic tracheobronchitis
- H31yz Other chronic bronchitis NOS
- H31z. Chronic bronchitis NOS
- H32.. Emphysema
- H320. Chronic bullous emphysema
- H3200 Segmental bullous emphysema
- H3201 Zonal bullous emphysema
- H3202 Giant bullous emphysema
- H3203 Bullous emphysema with collapse
- H320z Chronic bullous emphysema NOS
- H321. Panlobular emphysema
- H322. Centrilobular emphysema
- H32y. Other emphysema
- H32y0 Acute vesicular emphysema
- H32y1 Atrophic (senile) emphysema
- H32y2 MacLeod's unilateral emphysema
- H32yz Other emphysema NOS
- H32z. Emphysema NOS
- H34.. Bronchiectasis
- H340. Recurrent bronchiectasis
- H341. Post-infective bronchiectasis

H34z. Bronchiectasis NOS
 H35.. Extrinsic allergic alveolitis
 H350. Farmers' lung
 H351. Bagassosis
 H352. Bird-fancier's lung
 H3520 Budgerigar-fanciers' lung
 H3521 Pigeon-fanciers' lung
 H352z Bird-fancier's lung NOS
 H353. Suberosis (cork-handlers' lung)
 H354. Malt workers' lung
 H355. Mushroom workers' lung
 H356. Maple bark strippers' lung
 H357. "Ventilation" pneumonitis
 H35y. Other allergic alveolitis
 H35y0 Cheese-washers' lung
 H35y1 Coffee-workers' lung
 H35y2 Fish-meal workers' lung
 H35y3 Furriers' lung
 H35y4 Grain-handlers' disease
 H35y5 Pituitary snuff-takers' disease
 H35y6 Sequoiosis (red-cedar asthma)
 H35y7 Wood asthma
 H35y8 Air-conditioner and humidifier lung
 H35yz Other allergic alveolitis NOS
 H35z. Allergic alveolitis and pneumonitis NOS
 H35z0 Allergic extrinsic alveolitis NOS
 H35z1 Hypersensitivity pneumonitis NOS
 H35zz Allergic alveolitis and pneumonitis NOS
 H36.. Mild chronic obstructive pulmonary disease
 H37.. Moderate chronic obstructive pulmonary disease
 H38.. Severe chronic obstructive pulmonary disease
 H39.. Very severe chronic obstructive pulmonary disease
 H3y.. Other specified chronic obstructive airways disease
 H3y0. Chronic obstruct pulmonary dis with acute lower resp infectn
 H3y1. Chron obstruct pulmonary dis wth acute exacerbation, unspec
 H3z.. Chronic obstructive airways disease NOS
 H40.. Coal workers' pneumoconiosis
 H41.. Asbestosis
 H410. Pleural plaque disease due to asbestosis
 H41z. Asbestosis NOS
 H42.. Silica and silicate pneumoconiosis
 H420. Talc pneumoconiosis
 H421. Simple silicosis
 H422. Complicated silicosis
 H423. Massive silicotic fibrosis
 H42z. Silica pneumoconiosis NOS
 H43.. Pneumoconiosis due to other inorganic dust
 H430. Aluminosis of lung
 H431. Bauxite fibrosis of lung
 H432. Berylliosis
 H433. Graphite fibrosis of lung
 H434. Siderosis
 H435. Stannosis
 H43z. Pneumoconiosis due to inorganic dust NOS

H44.. Pneumopathy due to inhalation of other dust
 H440. Byssinosis
 H441. Cannabinosis
 H442. Flax-dressers' disease
 H44z. Pneumopathy due to inhalation of other dust NOS
 H45.. Pneumoconiosis NOS
 H450. Pneumoconiosis associated with tuberculosis
 H46.. Respiratory disease due to chemical fumes and vapours
 H460. Bronchitis and pneumonitis due to chemical fumes
 H464. Chronic respiratory conditions due to chemical fumes
 H4640 Chronic emphysema due to chemical fumes
 H4641 Obliterative bronchiolitis due to chemical fumes
 H4642 Chronic pulmonary fibrosis due to chemical fumes
 H464z Chronic respiratory conditions due to chemical fumes NOS
 H46z. Respiratory conditions due to chemical fumes NOS
 H46z0 Silo-fillers' disease
 H46zz Respiratory conditions due to chemical fumes NOS
 H48.. Progressive massive fibrosis
 H4y.. Other specified lung diseases due to external agent
 H4y1. Chronic pulmonary radiation disease
 H4y10 Chronic pulmonary fibrosis following radiation
 H4y1z Chronic pulmonary radiation disease NOS
 H4y2. Drug-induced interstitial lung disorders
 H4y21 Chronic drug-induced interstitial lung disorders
 H4yy. Other external agent causing respiratory condition
 H4yz. External agent causing respiratory conditions NOS
 H4z.. Lung disease due to external agents NOS
 H5410 Chronic pulmonary oedema
 H55.. Postinflammatory pulmonary fibrosis
 H563. Idiopathic fibrosing alveolitis
 H5630 Alveolar capillary block
 H5631 Diffuse pulmonary fibrosis
 H563z Idiopathic fibrosing alveolitis NOS
 H57.. Lung involvement in diseases EC
 H570. Rheumatoid lung
 H571. Rheumatic pneumonia
 H572. Lung disease with systemic sclerosis
 H57y. Lung disease with diseases EC
 H57y0 Pulmonary amyloidosis
 H57y1 Lung disease with polymyositis
 H57y2 Pulmonary sarcoidosis
 H57y3 Lung disease with Sjogren's disease
 H57y4 Lung disease with systemic lupus erythematosus
 H57y5 Lung disease with syphilis
 H57yz Lung disease with diseases EC NOS
 H581. Interstitial emphysema
 H583. Pulmonary eosinophilia
 H58y3 Interstitial lung disease NEC
 H591. Chronic respiratory failure
 H592. Chronic type 1 respiratory failure
 H593. Chronic type 2 respiratory failure
 Hyu3. [X]Chronic lower respiratory diseases
 Hyu30 [X]Other emphysema
 Hyu31 [X]Other specified chronic obstructive pulmonary disease

- Hyu40 Pneumoconiosis due to other dust containing silica
- Hyu41 Pneumoconiosis due to other specified inorganic dusts
- Hyu5. Other resp diseases principally affecting interstitium
- Hyu50 Other interstitial pulmonary diseases with fibrosis
- Hyu51 Other specified interstitial pulmonary diseases
- Hyu52 Hepatopulmonary syndrome

Asthma (immunocompromised by systemic steroids)

Vaccinations Due: Influenza & Pneumococcal

Patient meets all of following criteria:

1) Patient has one or more of following read codes recorded:

- 6636. Inhaler technique shown
- 6637. Inhaler technique observed
- 6638. Home nebuliser
- 663b. Home nebuliser used since last appointment
- 663c. Nebulisation since last appointment
- 663d. Emergency asthma admission since last appointment
- 663e. Asthma restricts exercise
- 663e0 Asthma sometimes restricts exercise
- 663e1 Asthma severely restricts exercise
- 663f. Asthma never restricts exercise
- 663H. Inhaler technique – good
- 663I. Inhaler technique – poor
- 663j. Asthma - currently active
- 663I. Spacer device in use
- 663L. Bronchodilators used more than once daily
- 663m. Asthma accident and emergency attendance since last visit
- 663M. Bronchodilators used a maximum of once daily
- 663n. Asthma treatment compliance satisfactory
- 663N. Asthma disturbing sleep
- 663N0 Asthma causing night waking
- 663N1 Asthma disturbs sleep weekly
- 663N2 Asthma disturbs sleep frequently
- 663O. Asthma not disturbing sleep
- 663p. Asthma treatment compliance unsatisfactory
- 663q. Asthma daytime symptoms
- 663r. Asthma causes night symptoms 1 to 2 times per month
- 663s. Asthma never causes daytime symptoms
- 663t. Asthma causes daytime symptoms 1 to 2 times per month
- 663u. Asthma causes daytime symptoms 1 to 2 times per week
- 663U. Asthma management plan given
- 663v. Asthma causes daytime symptoms most days
- 663V. Asthma severity
- 663V0 Occasional asthma
- 663V1 Mild asthma
- 663V2 Moderate asthma
- 663V3 Severe asthma
- 663w. Asthma limits walking up hills or stairs
- 663W. Asthma prophylactic medication used
- 663x. Asthma limits walking on the flat
- H33.. Asthma
- H330. Extrinsic (atopic) asthma
- H3300 Extrinsic asthma without status asthmaticus
- H3301 Extrinsic asthma with status asthmaticus
- H330z Extrinsic asthma NOS
- H331. Intrinsic asthma
- H3310 Intrinsic asthma without status asthmaticus

H3311 Intrinsic asthma with status asthmaticus
H331z Intrinsic asthma NOS
H332. Mixed asthma
H333. Acute exacerbation of asthma
H334. Brittle asthma
H33z. Asthma unspecified
H33z0 Status asthmaticus NOS
H33z1 Asthma attack
H33z2 Late-onset asthma
H33zz Asthma NOS

2) Patient has no subsequent recording of any of following codes:

21262 Asthma resolved
212G. Asthma resolved

3) Patient meets one of the following sub criteria:

3.1) Patient has been prescribed one or more of following medication on two or more occasions in total from 01/09/2008:

| | |
|--------------------------------|--------------------------------|
| Betamethasone | Fludrocortisone Acetate |
| Betamethasone Sodium Phosphate | Hydrocortisone |
| Betnelan | Hydrocortisone Na Succinate |
| Betnesol | Hydrocortisone Sodium Phos |
| Calcort | Hydrocortistab |
| Codelsol | Hydrocortone |
| Cortelan | Kenalog |
| Cortisone Acetate | Ledercort |
| Cortistab | Medrone |
| Cortisyl | Methylprednisolone |
| Decadron | Methylprednisolone Sodium Succ |
| Decortisyl | Oradexon-Organon |
| Deflazacort | Precortisyl |
| Deltacortril | Prednesol |
| Deltalone | Prednisolone |
| Delta-Phoricol | Prednisolone Acetate |
| Deltastab | Prednisolone Sodium Phosphate |
| Depo-Medrone | Prednisone |
| Dexamethasone | Sintisone |
| Dexamethasone Sodium Phosphate | Solu-Cortef |
| Dexsol | Solu-Medrone |
| Econosone | Triamcinolone |
| Efcortelan | Triamcinolone Acetonide |
| Efcortesol | |

3.2) Patient has been prescribed one or more of following medication on two or more occasions in total from 01/09/2008:

fe Systemic Steroids

Chronic Heart Disease

Vaccinations Due: Influenza & Pneumococcal

Patient has one or more of following read codes recorded:

- 14A.. H/O: cardiovascular disease
- 14A1. H/O: rheumatic fever
- 14A3. H/O: myocardial infarct <60
- 14A4. H/O: myocardial infarct >60
- 14A5. H/O: angina pectoris
- 14A6. H/O: heart failure
- 14AA. H/O: heart disease NOS
- 14AD. H/O ventricular fibrillation
- 14AE. H/O: aortic aneurysm
- 14AH. H/O: Myocardial infarction in last year
- 14AJ. H/O: Angina in last year
- 14AL. H/O: Treatment for ischaemic heart disease
- 14AM. H/O: Heart failure in last year
- 14AN. H/O: atrial fibrillation
- 14AP. History of ventricular tachycardia
- 14AQ. History of supraventricular tachycardia
- 14AR. History of atrial flutter
- 33BA. Impaired left ventricular function
- G1... Chronic rheumatic heart disease
- G10.. Chronic rheumatic pericarditis
- G100. Adherent rheumatic pericardium
- G101. Chronic rheumatic mediastinopericarditis
- G102. Chronic rheumatic myopericarditis
- G10z. Chronic rheumatic pericarditis NOS
- G11.. Mitral valve diseases
- G110. Mitral stenosis
- G111. Rheumatic mitral insufficiency
- G112. Mitral stenosis with insufficiency
- G113. Nonrheumatic mitral valve stenosis
- G114. Ruptured mitral valve cusp
- G11z. Mitral valve disease NOS
- G12.. Rheumatic aortic valve disease
- G120. Rheumatic aortic stenosis
- G121. Rheumatic aortic insufficiency
- G122. Rheumatic aortic stenosis with insufficiency
- G12z. Rheumatic aortic valve disease NOS
- G13.. Diseases of mitral and aortic valves
- G130. Mitral and aortic stenosis
- G131. Mitral stenosis and aortic insufficiency
- G132. Mitral insufficiency and aortic stenosis
- G133. Mitral and aortic incompetence
- G13y. Multiple mitral and aortic valve involvement
- G13z. Mitral and aortic valve disease NOS
- G14.. Other chronic rheumatic endocardial disease
- G140. Tricuspid valve disease NEC
- G1400 Rheumatic tricuspid stenosis

G1401 Rheumatic tricuspid insufficiency
 G1402 Rheumatic tricuspid stenosis and insufficiency
 G1403 Tricuspid stenosis, cause unspecified
 G1404 Tricuspid insufficiency, cause unspecified
 G1405 Tricuspid stenosis and insufficiency, cause unspecified
 G140z Rheumatic tricuspid valve disease NOS
 G141. Rheumatic pulmonary valve disease
 G1410 Rheumatic pulmonary stenosis
 G1411 Rheumatic pulmonary insufficiency
 G1412 Rheumatic pulmonary stenosis and insufficiency
 G141z Rheumatic pulmonary valve disease NOS
 G14z. Rheumatic endocarditis NOS
 G1y.. Other specified chronic rheumatic heart disease
 G1y0. Rheumatic myocarditis
 G1yz. Other and unspecified rheumatic heart disease
 G1yz0 Rheumatic heart disease unspecified
 G1yz1 Rheumatic left ventricular failure
 G1yzz Other rheumatic heart disease NOS
 G1z.. Chronic rheumatic heart disease NOS
 G21.. Hypertensive heart disease
 G210. Malignant hypertensive heart disease
 G2100 Malignant hypertensive heart disease without CCF
 G2101 Malignant hypertensive heart disease with CCF
 G210z Malignant hypertensive heart disease NOS
 G211. Benign hypertensive heart disease
 G2110 Benign hypertensive heart disease without CCF
 G2111 Benign hypertensive heart disease with CCF
 G211z Benign hypertensive heart disease NOS
 G21z. Hypertensive heart disease NOS
 G21z0 Hypertensive heart disease NOS without CCF
 G21z1 Hypertensive heart disease NOS with CCF
 G21zz Hypertensive heart disease NOS
 G220. Malignant hypertensive renal disease
 G222. Hypertensive renal disease with renal failure
 G23.. Hypertensive heart and renal disease
 G230. Malignant hypertensive heart and renal disease
 G231. Benign hypertensive heart and renal disease
 G232. Hypertensive heart&renal dis wth (congestive) heart failure
 G233. Hypertensive heart and renal disease with renal failure
 G234. Hyperten heart&renal dis+both(congestv)heart and renal fail
 G23z. Hypertensive heart and renal disease NOS
 G3... Ischaemic heart disease
 G30.. Acute myocardial infarction
 G300. Acute anterolateral infarction
 G301. Other specified anterior myocardial infarction
 G3010 Acute anteroapical infarction
 G3011 Acute anteroapical infarction
 G301z Anterior myocardial infarction NOS
 G302. Acute inferolateral infarction
 G303. Acute inferoposterior infarction
 G304. Posterior myocardial infarction NOS
 G305. Lateral myocardial infarction NOS
 G306. True posterior myocardial infarction
 G307. Acute subendocardial infarction

G3070 Acute non-Q wave infarction
 G3071 Acute non-ST segment elevation myocardial infarction
 G308. Inferior myocardial infarction NOS
 G309. Acute Q-wave infarct
 G30A. Mural thrombosis
 G30B. Acute posterolateral myocardial infarction
 G30X. Acute transmural myocardial infarction of unspecif site
 G30X0 Acute ST segment elevation myocardial infarction
 G30y. Other acute myocardial infarction
 G30y0 Acute atrial infarction
 G30y1 Acute papillary muscle infarction
 G30y2 Acute septal infarction
 G30yz Other acute myocardial infarction NOS
 G30z. Acute myocardial infarction NOS
 G31.. Other acute and subacute ischaemic heart disease
 G310. Postmyocardial infarction syndrome
 G311. Preinfarction syndrome
 G3110 Myocardial infarction aborted
 G3111 Unstable angina
 G3112 Angina at rest
 G3113 Refractory angina
 G3114 Worsening angina
 G3115 Acute coronary syndrome
 G311z Preinfarction syndrome NOS
 G312. Coronary thrombosis not resulting in myocardial infarction
 G31y. Other acute and subacute ischaemic heart disease
 G31y0 Acute coronary insufficiency
 G31y1 Microinfarction of heart
 G31y2 Subendocardial ischaemia
 G31y3 Transient myocardial ischaemia
 G31yz Other acute and subacute ischaemic heart disease NOS
 G32.. Old myocardial infarction
 G33.. Angina pectoris
 G330. Angina decubitus
 G3300 Nocturnal angina
 G330z Angina decubitus NOS
 G331. Prinzmetal's angina
 G332. Coronary artery spasm
 G33z. Angina pectoris NOS
 G33z0 Status anginosus
 G33z1 Stenocardia
 G33z2 Syncope anginosa
 G33z3 Angina on effort
 G33z4 Ischaemic chest pain
 G33z5 Post infarct angina
 G33z6 New onset angina
 G33z7 Stable angina
 G33zz Angina pectoris NOS
 G34.. Other chronic ischaemic heart disease
 G340. Coronary atherosclerosis
 G3400 Single coronary vessel disease
 G3401 Double coronary vessel disease
 G341. Aneurysm of heart
 G3410 Ventricular cardiac aneurysm

G3411 Other cardiac wall aneurysm
 G3412 Aneurysm of coronary vessels
 G3413 Acquired atrioventricular fistula of heart
 G341z Aneurysm of heart NOS
 G342. Atherosclerotic cardiovascular disease
 G343. Ischaemic cardiomyopathy
 G344. Silent myocardial ischaemia
 G34y. Other specified chronic ischaemic heart disease
 G34y0 Chronic coronary insufficiency
 G34y1 Chronic myocardial ischaemia
 G34yz Other specified chronic ischaemic heart disease NOS
 G34z. Other chronic ischaemic heart disease NOS
 G34z0 Asymptomatic coronary heart disease
 G35.. Subsequent myocardial infarction
 G350. Subsequent myocardial infarction of anterior wall
 G351. Subsequent myocardial infarction of inferior wall
 G353. Subsequent myocardial infarction of other sites
 G35X. Subsequent myocardial infarction of unspecified site
 G36.. Certain current complication follow acute myocardial infarct
 G360. Haemopericardium/current comp folow acut myocard infarct
 G361. Atrial septal defect/curr comp folow acut myocardal infarct
 G362. Ventric septal defect/curr comp fol acut myocardal infarctn
 G363. Ruptur cardiac wall w/out haemopericard/cur comp fol ac MI
 G364. Ruptur chordae tendinae/curr comp fol acute myocard infarct
 G365. Rupture papillary muscle/curr comp fol acute myocard infarct
 G366. Thrombosis atrium,auric append&vent/curr comp foll acute MI
 G37.. Cardiac syndrome X
 G38.. Postoperative myocardial infarction
 G380. Postoperative transmural myocardial infarction anterior wall
 G381. Postoperative transmural myocardial infarction inferior wall
 G382. Postoperative transmural myocardial infarction other sites
 G383. Postoperative transmural myocardial infarction unspec site
 G384. Postoperative subendocardial myocardial infarction
 G38z. Postoperative myocardial infarction, unspecified
 G3y.. Other specified ischaemic heart disease
 G3z.. Ischaemic heart disease NOS
 G41.. Chronic pulmonary heart disease
 G410. Primary pulmonary hypertension
 G411. Kyphoscoliotic heart disease
 G41y. Other chronic pulmonary heart disease
 G41y0 Secondary pulmonary hypertension
 G41yz Other chronic pulmonary heart disease NOS
 G41z. Chronic pulmonary heart disease NOS
 G532. Constrictive pericarditis
 G5320 Concato's disease
 G5321 Pick's disease of heart
 G532z Constrictive pericarditis NOS
 G54.. Other diseases of endocardium
 G540. Mitral valve incompetence
 G5400 Mitral incompetence, non-rheumatic
 G5401 Mitral incompetence, cause unspecified
 G5402 Mitral valve prolapse
 G5403 Mitral valve leaf prolapse
 G540z Mitral valve disorders NOS

G541. Aortic valve disorders
 G5410 Aortic incompetence, non-rheumatic
 G5411 Aortic stenosis, non-rheumatic
 G5412 Aortic incompetence alone, cause unspecified
 G5413 Aortic stenosis alone, cause unspecified
 G5414 Aortic valve stenosis with insufficiency
 G5415 Aortic stenosis
 G5416 Aortic valve sclerosis
 G5417 Aortic valve calcification
 G541z Aortic valve disorders NOS
 G542. Tricuspid valve disorders, non-rheumatic
 G5420 Tricuspid incompetence, non-rheumatic
 G5421 Tricuspid stenosis, non-rheumatic
 G5422 Nonrheumatic tricuspid valve stenosis with insufficiency
 G542X Nonrheumatic tricuspid valve disorder, unspecified
 G542z Tricuspid valve disorders NOS
 G543. Pulmonary valve disorders
 G5430 Pulmonary incompetence, non-rheumatic
 G5431 Pulmonary stenosis, non-rheumatic
 G5432 Pulmonary incompetence, cause unspecified
 G5433 Pulmonary stenosis, cause unspecified
 G5434 Pulmonary valve stenosis with insufficiency
 G543z Pulmonary valve disorders NOS
 G544. Multiple valve diseases
 G5440 Disorders of both aortic and tricuspid valves
 G5441 Disorders of both mitral and tricuspid valves
 G5442 Combined disorders of mitral, aortic and tricuspid valves
 G544X Multiple valve disease, unspecified
 G54z. Endocarditis, valve unspecified
 G54z0 Incompetence of unspecified heart valve
 G54z1 Stenosis of unspecified heart valve
 G54z2 Chronic cardiac valvulitis NOS
 G54z3 Endocarditis, valve unspecified, OS
 G54z4 Endocarditis in disease EC
 G54z5 Valvular heart disease
 G54zz Endocarditis, valve unspecified, NOS
 G55.. Cardiomyopathy
 G550. Endomyocardial fibrosis
 G551. Hypertrophic obstructive cardiomyopathy
 G552. Obscure African cardiomyopathy
 G553. Endocardial fibroelastosis
 G554. Other primary cardiomyopathies
 G5540 Congestive cardiomyopathy
 G5541 Constrictive cardiomyopathy
 G5542 Familial cardiomyopathy
 G5543 Hypertrophic non-obstructive cardiomyopathy
 G5544 Primary dilated cardiomyopathy
 G554z Other primary cardiomyopathy NOS
 G555. Alcoholic cardiomyopathy
 G556. Cardiomyopathy in Chagas's disease
 G557. Nutritional and metabolic cardiomyopathies
 G5570 Amyloid heart disease
 G5571 Beriberi heart disease
 G5572 Cardiac glycogenosis

G5573 Gouty tophi of heart
 G5574 Mucopolysaccharidosis cardiomyopathy
 G5575 Thyrotoxic heart disease
 G557z Nutritional and metabolic cardiomyopathy NOS
 G558. Cardiomyopathy in disease EC
 G5580 Cardiomyopathy in Friedreich's ataxia
 G5581 Cardiomyopathy in myotonic dystrophy
 G5582 Dystrophic cardiomyopathy
 G5583 Sarcoid heart disease
 G558z Cardiomyopathy in diseases EC, NOS
 G55y. Secondary cardiomyopathy NOS
 G55y0 Cardiomyopathy due to drugs and other external agents
 G55z. Cardiomyopathy NOS
 G57.. Cardiac dysrhythmias
 G570. Paroxysmal supraventricular tachycardia
 G5700 Paroxysmal atrial tachycardia
 G5701 Paroxysmal atrioventricular tachycardia
 G5702 Paroxysmal junctional tachycardia
 G5703 Paroxysmal nodal tachycardia
 G570z Paroxysmal supraventricular tachycardia NOS
 G571. Paroxysmal ventricular tachycardia
 G572. Paroxysmal tachycardia unspecified
 G5720 Essential paroxysmal tachycardia
 G5721 Bouveret-Hoffmann syndrome
 G572z Paroxysmal tachycardia NOS
 G573. Atrial fibrillation and flutter
 G5730 Atrial fibrillation
 G5731 Atrial flutter
 G5732 Paroxysmal atrial fibrillation
 G5733 Non-rheumatic atrial fibrillation
 G573z Atrial fibrillation and flutter NOS
 G574. Ventricular fibrillation and flutter
 G5740 Ventricular fibrillation
 G5741 Ventricular flutter
 G574z Ventricular fibrillation and flutter NOS
 G575. Cardiac arrest
 G5750 Cardiac arrest with successful resuscitation
 G5751 Sudden cardiac death, so described
 G5752 Electromechanical dissociation with successful resuscitation
 G5753 Electromechanical dissociation
 G575z Cardiac arrest, unspecified
 G576. Ectopic beats
 G5760 Ectopic beats unspecified
 G5761 Supraventricular ectopic beats
 G5762 Ventricular ectopic beats
 G5763 Atrial premature depolarization
 G5764 Junctional premature depolarization
 G5765 Ventricular premature depolarization
 G576z Ectopic beats NOS
 G577. Sinus arrhythmia
 G57y. Other cardiac dysrhythmias
 G57y0 Persistent sinus bradycardia
 G57y1 Severe sinus bradycardia
 G57y3 Sick sinus syndrome

G57y4 Sinoatrial node dysfunction NOS
 G57y5 Wandering atrial pacemaker
 G57y6 Nodal rhythm disorder
 G57y7 Sinus tachycardia
 G57y8 Bigeminal pulse
 G57y9 Supraventricular tachycardia NOS
 G57yA Re-entry ventricular arrhythmia
 G57yz Other cardiac dysrhythmia NOS
 G57z. Cardiac dysrhythmia NOS
 G58.. Heart failure
 G580. Congestive heart failure
 G5800 Acute congestive heart failure
 G5801 Chronic congestive heart failure
 G5802 Decompensated cardiac failure
 G5803 Compensated cardiac failure
 G581. Left ventricular failure
 G5810 Acute left ventricular failure
 G582. Acute heart failure
 G58z. Heart failure NOS
 G5y.. Other specified heart disease
 G5y0. Myocarditis NOS
 G5y1. Myocardial degeneration
 G5y2. Cardiovascular arteriosclerosis unspecified
 G5y3. Cardiomegaly
 G5y30 Atrial dilatation
 G5y31 Ventricular dilatation
 G5y32 Cardiac dilatation NOS
 G5y33 Atrial hypertrophy
 G5y34 Ventricular hypertrophy
 G5y35 Cardiac hypertrophy NOS
 G5y3z Cardiomegaly NOS
 G5y4. Post cardiac operation functional disturbance
 G5y40 Postcardiotomy syndrome
 G5y4z Post cardiac operation heart failure NOS
 G5y5. Rupture of chordae tendinae
 G5y6. Rupture of papillary muscle
 G5y7. Sarcoid myocarditis
 G5y8. Rheumatoid myocarditis
 G5y9. Cardiac septal defect, acquired
 G5yA. Rheumatoid carditis
 G5yX. Cardiovascular disease, unspecified
 G5yy. Other ill-defined heart disease
 G5yy0 Papillary muscle atrophy
 G5yy1 Papillary muscle degeneration
 G5yy2 Papillary muscle dysfunction
 G5yy3 Papillary muscle scarring
 G5yy4 Papillary muscle disorder NOS
 G5yy5 Hyperkinetic heart disease
 G5yy6 Atrial thrombosis
 G5yy7 Left ventricular thrombosis
 G5yy8 Right ventricular thrombosis
 G5yy9 Left ventricular systolic dysfunction
 G5yyA Left ventricular diastolic dysfunction
 G5yyz Other ill-defined heart disease NOS

G5yz. Other heart disease NOS
 P5... Bulbus cordis and cardiac septal closure anomalies
 P50.. Common aorto-pulmonary trunk
 P500. Absent septum between aorta and pulmonary artery
 P501. Aortic septal defect
 P502. Persistent truncus arteriosus
 P50z. Common aorto-pulmonary trunk NOS
 P51.. Transposition of great vessels
 P510. Total great vessel transposition
 P511. Double outlet right ventricle
 P5110 Double outlet right ventricle, unspecified
 P5111 Dextratransposition of aorta
 P5112 Incomplete great vessel transposition
 P5113 Taussig-Bing syndrome
 P511z Double outlet right ventricle NOS
 P512. Corrected great vessel transposition
 P51y. Other specified transposition of great vessels
 P51z. Great vessel transposition NOS
 P52.. Tetralogy of Fallot
 P520. Tetralogy of Fallot, unspecified
 P521. Pentalogy of Fallot
 P52z. Tetralogy of Fallot NOS
 P53.. Common ventricle
 P54.. Ventricular septal defect
 P540. Ventricular septal defect, unspecified
 P541. Interventricular septal defect
 P542. Left ventricle to right atrial communication
 P543. Eisenmenger's complex
 P544. Gerbode's defect
 P545. Roger's disease
 P54y. Other specified ventricular septal defect
 P54z. Ventricular septal defect NOS
 P55.. Ostium secundum atrial septal defect
 P550. Atrial septal defect NOS
 P551. Patent foramen ovale
 P552. Persistent ostium secundum
 P553. Lutembacher's syndrome
 P55y. Other specified ostium secundum atrial septal defect
 P55z. Ostium secundum atrial septal defect NOS
 P56.. Endocardial cushion defects
 P560. Endocardial cushion defects, unspecified
 P561. Ostium primum defect
 P56y. Other specified endocardial cushion defects
 P56z. Endocardial cushion defects NOS
 P56z0 Common atrium
 P56z1 Common atrioventricular canal
 P56z2 Common atrioventricular-type ventricular septal defect
 P56zz Endocardial cushion defects NOS
 P57.. Cor biloculare
 P58.. Double outlet left ventricle
 P59.. Isomerism of atrial appendages
 P5X.. Congenital malforms of cardiac chambers+connections unsp
 P5y.. Other heart bulb and septal closure defect
 P5z.. Heart bulb or septal closure defects NOS

P6... Other congenital heart anomalies
 P60.. Pulmonary valve anomalies
 P600. Pulmonary valve anomaly, unspecified
 P601. Congenital atresia of the pulmonary valve
 P6010 Hypoplasia of pulmonary valve
 P601z Congenital atresia of pulmonary valve NOS
 P602. Congenital pulmonary stenosis
 P6020 Congenital fusion of pulmonic cusps
 P6021 Congenital fusion of pulmonary valve segment
 P602z Congenital pulmonary stenosis NOS
 P603. Right hypoplastic heart syndrome
 P60z. Other pulmonary valve anomalies
 P60z0 Congenital insufficiency of the pulmonary valve
 P60z1 Fallot's trilogy
 P60z2 Supernumerary pulmonary valve cusps
 P60zz Other pulmonary valve anomaly NOS
 P61.. Congenital tricuspid atresia and stenosis
 P610. Congenital tricuspid atresia
 P611. Congenital tricuspid stenosis
 P61z. Congenital tricuspid atresia or stenosis NOS
 P62.. Ebstein's anomaly
 P63.. Congenital aortic valve stenosis
 P64.. Congenital aortic valve insufficiency
 P640. Congenital aortic valve insufficiency, unspecified
 P641. Bicuspid aortic valve
 P64z. Congenital aortic valve insufficiency NOS
 P65.. Congenital mitral stenosis
 P650. Congenital mitral stenosis, unspecified
 P651. Fused commissure of the mitral valve
 P652. Parachute deformity of the mitral valve
 P653. Supernumerary cusps of the mitral valve
 P65z. Congenital mitral stenosis NOS
 P66.. Congenital mitral insufficiency
 P67.. Hypoplastic left heart syndrome
 P6W.. Congenital malformation of aortic and mitral valves unsp
 P6X.. Congenital malformation of tricuspid valve, unspecified
 P6y.. Other specified heart anomalies
 P6y0. Subaortic stenosis
 P6y1. Cor triatriatum
 P6y2. Pulmonary infundibular stenosis
 P6y3. Obstructive heart anomaly NEC
 P6y30 Uhl's disease
 P6y3z Obstructive heart anomaly NEC NOS
 P6y4. Coronary artery anomaly
 P6y40 Congenital absence of coronary artery
 P6y41 Single coronary artery
 P6y42 Coronary artery from aorta
 P6y43 Coronary artery from pulmonary trunk
 P6y44 Anomalous coronary artery communication
 P6y45 Congenital coronary aneurysm
 P6y46 Congenital stricture of coronary artery
 P6y4z Coronary artery anomaly NOS
 P6y5. Congenital heart block
 P6y50 Congenital heart block, unspecified

P6y51 Congenital complete atrio-ventricular heart block
 P6y52 Congenital incomplete atrio-ventricular heart block
 P6y5z Congenital heart block NOS
 P6y6. Heart and cardiac apex malposition
 P6y60 Dextrocardia
 P6y61 Levocardia
 P6y62 Mesocardia
 P6y63 Ectopia cordis
 P6y64 Abdominal heart
 P6y6z Heart or cardiac apex malposition NOS
 P6y7. Myocardial bridge of coronary artery
 P6yy. Other specified heart anomalies
 P6yy0 Atresia of cardiac vein
 P6yy1 Hypoplasia of cardiac vein
 P6yy2 Congenital cardiomegaly
 P6yy3 Congenital left ventricular diverticulum
 P6yy4 Congenital pericardial defect
 P6yy5 Congenital anomaly of myocardium
 P6yy6 Congenital aneurysm of heart
 P6yy7 Atresia of heart valve NEC
 P6yy8 Cor triloculare
 P6yy9 Congenital epicardial cyst
 P6yyA Hemicardia
 P6yyB Supernumerary heart valve cusps NEC
 P6yyC Fusion of mitral valve cusps
 P6yyD Fusion of heart valve cusps NEC
 P6yyz Other specified heart anomalies NOS
 P6z.. Congenital heart anomaly NOS
 P6z0. Unspecified anomaly of heart valve
 P6z1. Anomalous bands of heart
 P6z10 Anomalous atrial bands
 P6z11 Anomalous ventricular bands
 P6z1z Anomalous bands of heart NOS
 P6z2. Acyanotic congenital heart disease NOS
 P6z3. Cyanotic congenital heart disease NOS
 P6zz. Congenital heart anomaly NOS

Chronic Neurological Disease

Vaccinations Due: Influenza

Patient has one or more of following read codes recorded:

| | |
|-------|---|
| E00.. | Senile and presenile organic psychotic conditions |
| E000. | Uncomplicated senile dementia |
| E001. | Presenile dementia |
| E0040 | Uncomplicated arteriosclerotic dementia |
| E0041 | Arteriosclerotic dementia with delirium |
| E0042 | Arteriosclerotic dementia with paranoia |
| E0043 | Arteriosclerotic dementia with depression |
| E0010 | Uncomplicated presenile dementia |
| E0011 | Presenile dementia with delirium |
| E0012 | Presenile dementia with paranoia |
| E0013 | Presenile dementia with depression |
| E001z | Presenile dementia NOS |
| E002. | Senile dementia with depressive or paranoid features |
| E0021 | Senile dementia with depression |
| E0020 | Senile dementia with paranoia |
| E002z | Senile dementia with depressive or paranoid features NOS |
| E003. | Senile dementia with delirium |
| E004. | Arteriosclerotic dementia |
| E004z | Arteriosclerotic dementia NOS |
| E00y. | Other senile and presenile organic psychoses |
| E00z. | Senile or presenile psychoses NOS |
| E012. | Other alcoholic dementia |
| E0120 | Chronic alcoholic brain syndrome |
| E02y1 | Drug-induced dementia |
| E041. | Dementia in conditions EC |
| Eu00. | [X]Dementia in Alzheimer's disease |
| Eu000 | [X]Dementia in Alzheimer's disease with early onset |
| Eu001 | [X]Dementia in Alzheimer's disease with late onset |
| Eu002 | [X]Dementia in Alzheimer's dis, atypical or mixed type |
| Eu00z | [X]Dementia in Alzheimer's disease, unspecified |
| Eu01. | [X]Vascular dementia |
| Eu010 | [X]Vascular dementia of acute onset |
| Eu011 | [X]Multi-infarct dementia |
| Eu012 | [X]Subcortical vascular dementia |
| Eu013 | [X]Mixed cortical and subcortical vascular dementia |
| Eu01y | [X]Other vascular dementia |
| Eu01z | [X]Vascular dementia, unspecified |
| Eu02. | [X]Dementia in other diseases classified elsewhere |
| Eu020 | [X]Dementia in Pick's disease |
| Eu021 | [X]Dementia in Creutzfeldt-Jakob disease |
| Eu022 | [X]Dementia in Huntington's disease |
| Eu023 | [X]Dementia in Parkinson's disease |
| Eu024 | [X]Dementia in human immunodef virus [HIV] disease |
| Eu025 | [X]Lewy body dementia |
| Eu02y | [X]Dementia in other specified diseases classif elsewhere |
| Eu02z | [X] Unspecified dementia |
| Eu040 | [X]Delirium not superimposed on dementia, so described |

Eu041 [X]Delirium superimposed on dementia
 Eu107* [X]Alcoholic dementia NOS
 F06.. Late effects of intracranial abscess or pyogenic infection
 F06X. Sequelae of inflammatory diseases of the CNS
 F1... Hereditary and degenerative diseases of the CNS
 F10.. Cerebral degenerations usually manifest in childhood
 F100. Leucodystrophy
 F1000 Krabbe's disease
 F1001 Schulz's disease
 F1002 Pelizaeus-Merzbacher disease
 F1003 Metachromatic leucodystrophy
 F100z Leucodystrophy NOS
 F101. Cerebral lipidoses
 F1010 Jansky-Bielschowsky disease
 F1011 Kuf's disease
 F1012 Spielmeyer-Vogt (Batten) disease
 F1013 Tay-Sach's disease
 F1014 Gangliosidosis
 F1015 Retinal dystrophy in cerebretinal lipidosis
 F101z Cerebral lipidoses NOS
 F102. Cerebral degeneration in lipidoses EC
 F1020 Cerebral degeneration in Gaucher's disease
 F1021 Cerebral degeneration in Niemann-Pick disease
 F102z Cerebral degeneration in lipidosis NOS
 F103. Cerebral degeneration in diseases EC
 F1030 Cerebral degeneration in Hunter's disease
 F1031 Cerebral degeneration in mucopolysaccharidoses
 F103z Cerebral degeneration in disease NOS
 F10y. Other cerebral degenerations in childhood
 F10y0 Alper's disease
 F10y1 Leigh's disease
 F10yz Other cerebral degenerations in childhood NOS
 F10z. Childhood cerebral degenerations NOS
 F11.. Other cerebral degenerations
 F110. Alzheimer's disease
 F1100 Alzheimer's disease with early onset
 F1101 Alzheimer's disease with late onset
 F111. Pick's disease
 F112. Senile degeneration of brain
 F113. Acquired communicating hydrocephalus
 F1130 Normal pressure hydrocephalus
 F113z Communicating hydrocephalus - acquired NOS
 F114. Acquired obstructive hydrocephalus
 F115. Hydrocephalus
 F116. Lewy body disease
 F117. Infantile posthaemorrhagic hydrocephalus
 F11X. Post-traumatic hydrocephalus, unspecified
 F11x0 Cerebral degeneration due to alcoholism
 F11x1 Cerebral degeneration due to beriberi
 F11x2 Cerebral degeneration due to cerebrovascular disease
 F11x3 Cerebral degeneration due to congenital hydrocephalus
 F11x4 Cerebral degeneration due to neoplastic disease
 F11x5 Cerebral degeneration due to myxoedema
 F11x6 Cerebral degeneration due to vitamin B12 deficiency

F11x7 Cerebral degeneration due to Jakob - Creutzfeldt disease
 F11x8 Cerebral degeneration due to multifocal leucoencephalopathy
 F11x9 Cerebral degeneration in Parkinson's disease
 F11xz Cerebral degeneration other disease NOS
 F11y. Other cerebral degeneration
 F11y0 Reye's syndrome
 F11y1 Cerebral ataxia
 F11yz Other cerebral degeneration NOS
 F11z. Cerebral degeneration NOS
 F12.. Parkinson's disease
 F120. Paralysis agitans
 F121. Parkinsonism secondary to drugs
 F122. Malignant neuroleptic syndrome
 F123. Postencephalitic parkinsonism
 F12W. Secondary parkinsonism due to other external agents
 F12X. Secondary parkinsonism, unspecified
 F12z. Parkinson's disease NOS
 F13.. Other extrapyramidal disease and abnormal movement disorders
 F130. Other basal ganglia degenerative diseases
 F1300 Dejerine-Thomas syndrome
 F1301 Hallervorden-Spatz disease
 F1302 Striatonigral degeneration
 F1303 Parkinsonism with orthostatic hypotension
 F1304 Progressive supranuclear ophthalmoplegia
 F1305 Shy-Drager syndrome
 F1306 Aicardi Goutieres syndrome
 F130z Other basal ganglia degenerative disease NOS
 F1322 Myoclonic encephalopathy
 F133. Tics of organic origin
 F134. Huntington's chorea
 F135. Other choreas
 F1350 Hemiballismus
 F1351 Paroxysmal choreo-athetosis
 F1352 Drug-induced chorea
 F135z Other choreas NOS
 F136. Idiopathic torsion dystonia
 F1360 Idiopathic familial dystonia
 F137. Symptomatic torsion dystonia
 F1370 Athetoid cerebral palsy
 F1371 Double athetosis
 F1372 Drug-induced dystonia
 F137y Other specified symptomatic torsion dystonia
 F137z Symptomatic torsion dystonia NOS
 F1381 Orofacial dyskinesia
 F1382 Spasmodic torticollis
 F138z Fragments of torsion dystonia NOS
 F1390 Paroxysmal non-kinesigenic dyskinesia
 F1391 Paroxysmal kinesigenic dyskinesia
 F13A. Paroxysmal dystonia
 F13X. Dystonia, unspecified
 F14.. Spinocerebellar disease
 F140. Friedreich's ataxia
 F141. Hereditary spastic paraplegia
 F142. Primary cerebellar degeneration

F1420 Marie's cerebellar ataxia
 F1421 Sanger-Brown cerebellar ataxia
 F1422 Dyssynergia cerebellaris myoclonica
 F142z Primary cerebellar degeneration NOS
 F143. Cerebellar ataxia NOS
 F144. Cerebellar ataxia in diseases EC
 F1440 Cerebellar ataxia due to alcoholism
 F1441 Cerebellar ataxia due to myxoedema
 F1442 Cerebellar ataxia due to neoplasia
 F144z Cerebellar ataxia in disease NOS
 F145. Congenital nonprogressive ataxia
 F14y. Other spinocerebellar diseases
 F14y0 Ataxia-telangiectasia
 F14y1 Corticostriatal-spinal degeneration
 F14yz Other spinocerebellar disease NOS
 F14z. Spinocerebellar disease NOS
 F15.. Anterior horn cell disease
 F150. Werdnig - Hoffmann disease
 F151. Spinal muscular atrophy
 F1510 Unspecified spinal muscular atrophy
 F1511 Kugelberg - Welander disease
 F1512 Adult spinal muscular atrophy
 F1513 X-linked bulbo-spinal atrophy
 F151z Spinal muscular atrophy NOS
 F152. Motor neurone disease
 F1520 Amyotrophic lateral sclerosis
 F1521 Progressive muscular atrophy
 F1522 Progressive bulbar palsy
 F1523 Pseudobulbar palsy
 F1524 Primary lateral sclerosis
 F152z Motor neurone disease NOS
 F15y. Other anterior horn cell disease
 F15z. Anterior horn cell disease NOS
 F16.. Other diseases of spinal cord
 F160. Syringomyelia and syringobulbia
 F1600 Syringomyelia
 F1601 Syringobulbia
 F160z Syringomyelia or syringobulbia NOS
 F161. Vascular myelopathies
 F1610 Myelopathy due to acute infarction of spinal cord
 F1611 Myelopathy due to arterial thrombosis of spinal cord
 F1612 Myelopathy due to oedema of spinal cord
 F1613 Myelopathy due to haematomyelia
 F1614 Subacute necrotic myelopathy
 F1615 Anterior spinal artery thrombosis
 F161z Vascular myelopathy NOS
 F162. Subacute combined degeneration of spinal cord
 F163. Myelopathy due to disease EC
 F1630 Myelopathy due to intervertebral disc disease
 F1631 Myelopathy due to neoplastic disease
 F1632 Myelopathy due to spondylosis
 F163z Myelopathy due to disease NOS
 F16y. Other myelopathy
 F16y0 Drug induced myelopathy

F16y1 Radiation induced myelopathy
 F16yz Other myelopathy NOS
 F16z. Myelopathy NOS
 F17.. Autonomic nervous system disorders
 F170. Idiopathic peripheral autonomic neuropathy
 F1700 Carotid sinus syndrome
 F1701 Cervical sympathetic paralysis
 F170z Idiopathic peripheral autonomic neuropathy NOS
 F171. Peripheral autonomic neuropathy disease EC
 F1710 Autonomic neuropathy due to amyloid
 F1711 Autonomic neuropathy due to diabetes
 F171z Peripheral autonomic neuropathy due to disease NOS
 F172. [X] Horner's syndrome
 F173. Shoulder-hand syndrome
 F174. Multiple system atrophy
 F17z. Autonomic nervous system disorder NOS
 F1y.. Hereditary and degenerative diseases of the CNS OS
 F1z.. Hereditary and degenerative diseases of the CNS NOS
 F20.. Multiple sclerosis
 F200. Multiple sclerosis of the brain stem
 F201. Multiple sclerosis of the spinal cord
 F202. Generalised multiple sclerosis
 F203. Exacerbation of multiple sclerosis
 F20z. Multiple sclerosis NOS
 F21.. Other central nervous system demyelinating diseases
 F210. Neuromyelitis optica
 F211. Schilder's disease
 F212. Acute and subacute haemorrhagic leukoencephalitis [Hurst]
 F21X. Acute disseminated demyelination, unspecified
 F21y. Other specified central nervous system demyelinating disease
 F21y0 Marchiafava-Bignami disease
 F21y1 Central pontine myelinolysis
 F21y2 Binswanger's disease
 F21y3 Central demyelination of corpus callosum
 F21y4 Subacute necrotizing myelitis
 F21y5 Concentric sclerosis
 F21yz Other specified central nervous system demyelination NOS
 F21z. Central nervous system demyelination NOS
 F22.. Hemiplegia
 F220. Flaccid hemiplegia
 F221. Spastic hemiplegia
 F222. Left hemiplegia
 F223. Right hemiplegia
 F22z. Hemiplegia NOS
 F23.. Congenital cerebral palsy
 F230. Congenital diplegia
 F2300 Congenital paraplegia
 F2301 Cerebral palsy with spastic diplegia
 F230z Congenital diplegia NOS
 F231. Congenital hemiplegia
 F232. Congenital quadriplegia
 F233. Congenital monoplegia
 F234. Infantile hemiplegia NOS
 F23y. Other congenital cerebral palsy

F23y0 Ataxic infantile cerebral palsy
 F23y1 Flaccid infantile cerebral palsy
 F23y2 Spastic cerebral palsy
 F23y3 Dyskinetic cerebral palsy
 F23y4 Ataxic diplegic cerebral palsy
 F23yz Other infantile cerebral palsy NOS
 F23z. Congenital cerebral palsy NOS
 F24.. Other paralytic syndromes
 F240. Quadriplegia
 F2400 Flaccid tetraplegia
 F2401 Spastic tetraplegia
 F241. Paraplegia
 F2410 Flaccid paraplegia
 F2411 Spastic paraplegia
 F242. Diplegia of upper limbs
 F243. Monoplegia of lower limb
 F244. Monoplegia of upper limb
 F245. Monoplegia unspecified
 F246. Cauda equina syndrome
 F2460 Cauda equina syndrome not affecting bladder
 F2461 Cauda equina syndrome with cord bladder
 F246z Cauda equina syndrome NOS
 F24y. Other specified paralytic syndromes
 F24y0 Progressive supranuclear palsy
 F24y1 Todd's paralysis
 F24y2 Steele-Richardson-Olszewski syndrome
 F24yz Other paralytic syndromes NOS
 F24z. Paralysis NOS
 F2A.. Hemiparesis
 F2Az. Hemiparesis NOS
 F38.. Myoneural disorders
 F380. Myasthenia gravis
 F3800 Persistent neonatal myasthenia gravis
 F3801 Juvenile or adult myasthenia gravis
 F380z Myasthenia gravis NOS
 F383. Congenital and developmental myasthenia
 F38y. Other specific myoneural disorder
 F38z. Myoneural disorder NOS
 F39.. Muscular dystrophies and other myopathies
 F390. Congenital hereditary muscular dystrophy
 F3900 Benign congenital myopathy
 F3901 Central core disease
 F3902 Centronuclear myopathy
 F3903 Myotubular myopathy
 F3904 Nemaline body disease
 F390z Congenital hereditary muscular dystrophy NOS
 F391. Hereditary progressive muscular dystrophy
 F3910 Duchenne muscular dystrophy
 F3911 Erb's muscular dystrophy
 F3912 Pelvic muscular dystrophy
 F3913 Other limb-girdle muscular dystrophy
 F3914 Facioscapulohumeral muscular dystrophy
 F3915 Distal (Gower's) muscular dystrophy
 F3916 Ocular muscular dystrophy

F3917 Oculopharyngeal muscular dystrophy
 F3918 Becker muscular dystrophy
 F3919 Hauptmann-Thannhauser muscular dystrophy
 F391A Emery-Dreifuss muscular dystrophy
 F391B Cardiomyopathy in Duchenne muscular dystrophy
 F391y Other specified hereditary progressive muscular dystrophy
 F391z Hereditary progressive muscular dystrophy NOS
 F392. Myotonic disorders
 F3920 Dystrophia myotonica (Steinert's disease)
 F3921 Myotonia congenita (Thomsen's disease)
 F3922 Paramyotonia congenita (Eulenburg's disease)
 F3923 Infantile myotonia
 F392y Other specified myotonic disorder
 F392z Myotonic disorder NOS
 F393. Familial periodic paralysis
 F394. Toxic myopathy
 F3940 Drug-induced myopathy
 F3941 Alcoholic myopathy
 F395. Myopathy due to endocrine disease EC
 F3950 Myopathy due to Addison's disease
 F3951 Myopathy due to Cushing's syndrome
 F3952 Myopathy due to hypopituitarism
 F3953 Myopathy due to myxoedema
 F3954 Myopathy due to thyrotoxicosis
 F395z Myopathy due to endocrine disease NOS
 F396. Symptomatic inflammatory myopathy in disease EC
 F3960 Myopathy due to amyloid
 F3961 Myopathy due to disseminated lupus erythematosus
 F3962 Myopathy due to malignant disease
 F3963 Myopathy due to polyarteritis nodosa
 F3964 Myopathy due to rheumatoid arthritis
 F3965 Myopathy due to sarcoidosis
 F3966 Myopathy due to scleroderma
 F3967 Myopathy due to Sjogren's disease
 F396z Symptomatic inflammatory myopathy in disease NOS
 F397. Proximal myopathy
 F398. Myopathy in metabolic diseases
 F39B. Muscular dystrophy
 F39W. Inflammatory myopathy, not elsewhere classified
 F39X. Mitochondrial myopathy, not elsewhere classified
 F39y. Other myopathies and muscular dystrophies
 F39z. Myopathy or muscular dystrophy NOS
 F4236 Amaurosis fugax
 Fyu0C [X]Sequelae of inflammatory diseases of the CNS
 Fyu1. [X]Systemic atrophies primarily affecting the CNS
 Fyu10 [X]Other hereditary ataxias
 Fyu11 [X]Other inherited spinal muscular atrophy
 Fyu12 [X]Other spinal muscular atrophies and related syndromes
 Fyu13 [X]Paraneoplastic neuromyopathy and neuropathy
 Fyu14 [X]Oth systemic atrophy affecting CNS in neoplastc diseas CE
 Fyu15 [X]Systemic atrophy affecting the CNS in myxoedema
 Fyu16 [X]Systemic atrophy affecting the CNS in other diseases CE
 Fyu2. [X]Extrapyramidal and movement disorders
 Fyu20 [X]Other drug-induced secondary parkinsonism

Fyu21 [X]Other secondary parkinsonism
 Fyu22 [X]Parkinsonism in diseases classified elsewhere
 Fyu23 [X]Other specified degenerative diseases/the basal ganglia
 Fyu24 [X]Other dystonia
 Fyu25 [X]Other specified forms of tremor
 Fyu26 [X]Other chorea
 Fyu27 [X]Other specified extrapyramidal and movement disorders
 Fyu28 [X]Extrapyramidal+movement disorders in diseases CE
 Fyu29 [X]Secondary parkinsonism, unspecified
 Fyu2A [X]Dystonia, unspecified
 Fyu2B [X]Secondary parkinsonism due to other external agents
 Fyu3. [X]Other degenerative diseases of the nervous system
 Fyu30 [X]Other Alzheimer's disease
 Fyu31 [X]Other specified degenerative diseases/the nervous system
 Fyu32 [X]Subacute combined degeneration/spinal cord in diseases CE
 Fyu34 [X]Oth specifd degeneratv disord/nervous system in diseas CE
 Fyu4. [X]Demyelinating diseases of the central nervous system
 Fyu40 [X]Other specified acute disseminated demyelination
 Fyu41 [X]Other specified demyelinating diseases/the CNS
 Fyu42 [X]Acute disseminated demyelination, unspecified
 Fyu9. [X]Cerebral palsy and other paralytic syndromes
 Fyu90 [X]Other infantile cerebral palsy
 Fyu91 [X]Other specified paralytic syndromes
 G61.. Intracerebral haemorrhage
 G610. Cortical haemorrhage
 G611. Internal capsule haemorrhage
 G612. Basal nucleus haemorrhage
 G613. Cerebellar haemorrhage
 G614. Pontine haemorrhage
 G615. Bulbar haemorrhage
 G616. External capsule haemorrhage
 G617. Intracerebral haemorrhage, intraventricular
 G618. Intracerebral haemorrhage, multiple localized
 G61X. Intracerebral haemorrhage in hemisphere, unspecified
 G61X0 Left sided intracerebral haemorrhage, unspecified
 G61X1 Right sided intracerebral haemorrhage, unspecified
 G61z. Intracerebral haemorrhage NOS
 G63y. Other precerebral artery occlusion
 G63y0 Cerebral infarct due to thrombosis of precerebral arteries
 G63y1 Cerebral infarction due to embolism of precerebral arteries
 G64.. Cerebral arterial occlusion
 G640. Cerebral thrombosis
 G6400 Cerebral infarction due to thrombosis of cerebral arteries
 G641. Cerebral embolism
 G6410 Cerebral infarction due to embolism of cerebral arteries
 G64z. Cerebral infarction NOS
 G64z0 Brainstem infarction
 G64z1 Wallenberg syndrome
 G64z2 Left sided cerebral infarction
 G64z3 Right sided cerebral infarction
 G64z4 Infarction of basal ganglia
 G65.. Transient cerebral ischaemia
 G650. Basilar artery syndrome
 G651. Vertebral artery syndrome

G6510 Vertebro-basilar artery syndrome
 G652. Subclavian steal syndrome
 G653. Carotid artery syndrome hemispheric
 G654. Multiple and bilateral precerebral artery syndromes
 G656. Vertebrobasilar insufficiency
 G65y. Other transient cerebral ischaemia
 G65z. Transient cerebral ischaemia NOS
 G65z0 Impending cerebral ischaemia
 G65z1 Intermittent cerebral ischaemia
 G65zz Transient cerebral ischaemia NOS
 G66.. Stroke and cerebrovascular accident unspecified
 G660. Middle cerebral artery syndrome
 G661. Anterior cerebral artery syndrome
 G662. Posterior cerebral artery syndrome
 G663. Brain stem stroke syndrome
 G664. Cerebellar stroke syndrome
 G665. Pure motor lacunar syndrome
 G666. Pure sensory lacunar syndrome
 G667. Left sided CVA
 G668. Right sided CVA
 G669. Cerebral palsy, not congenital or infantile, acute
 G6760 Cereb infarct due cerebral venous thrombosis, nonpyogenic
 G68X. Sequelae of stroke,not specfd as h'morrhage or infarction
 G6W.. Cereb infarct due unsp occlus/stenos precerebr arteries
 G6X.. Cerebrl infarctn due/unspcf occlusn or sten/cerebrl artr
 Gyu62 [X]Other intracerebral haemorrhage
 Gyu63 [X]Cerebrl infarctn due/unspcf occlusn or sten/cerebrl artr
 Gyu64 [X]Other cerebral infarction
 Gyu65 [X]Occlusion and stenosis of other precerebral arteries
 Gyu66 [X]Occlusion and stenosis of other cerebral arteries
 Gyu6F [X]Intracerebral haemorrhage in hemisphere, unspecified
 Gyu6G [X]Cereb infarct due unsp occlus/stenos precerebr arteries

Diabetes (On Medication)

Vaccinations Due: Influenza & Pneumococcal

Patient meets all the following criteria:

1) Patient meets any of the following medication sub criteria:

1.1) Patient has been prescribed one or more of the following medication from 01/09/2008:

| | |
|--------------------------|----------------------------|
| Acarbose | Hypurin Porcine 30/70 Mix |
| Actrapid | Hypurin Porcine Isophane |
| Actrapid Novolet | Hypurin Porcine Neutral |
| Actrapid Penfill | Insulatard |
| Amaryl | Insulatard Flexpen |
| Avandamet | Insulatard Innolet |
| Avandia | Insulatard Novolet |
| Daonil | Insulatard Penfill |
| Diabinese | Insuman Basal |
| Diamicron | Insuman Basal Optiset |
| Diamicron Mr | Insuman Rapid |
| Euglucon | Insuman Rapid Optiset |
| Glibenclamide | Lantus |
| Glibenese | Lantus Opticlick |
| Gliclazide | Lantus Optiset |
| Gliclazide Mr | Lente Insulin |
| Glimepiride | Levemir Flexpen |
| Glipizide | Levemir Penfill |
| Gliquidone | Metformin Hydrochloride |
| Glucobay | Metformin Hydrochloride Mr |
| Glucophage | Minodiab |
| Glucophage Sr | Mixtard 10 Novolet |
| Humaject I Human | Mixtard 10 Penfill |
| Humaject M1 Human | Mixtard 20 Novolet |
| Humaject M2 Human | Mixtard 20 Penfill |
| Humaject M3 Human | Mixtard 30 |
| Humaject M4 Human | Mixtard 30 Innolet |
| Humaject M5 Human | Mixtard 30 Novolet |
| Humaject S Human | Mixtard 30 Penfill |
| Humalog | Mixtard 40 Novolet |
| Humalog Mix 25 | Mixtard 40 Penfill |
| Humalog Mix 50 | Mixtard 50 Novolet |
| Human Actrapid | Mixtard 50 Penfill |
| Human Insulatard | Monotard |
| Human Insulatard Ge | Nateglinide |
| Human Insulatard Innolet | Neutral Insulin |
| Human Mixtard 10 | Novomix 30 Flexpen |
| Human Mixtard 20 | Novomix 30 Penfill |
| Human Mixtard 30 | Novonorm |
| Human Mixtard 30 Ge | Novorapid |
| Human Mixtard 30 Innolet | Novorapid Flexpen |
| Human Mixtard 30/70 | Novorapid Novolet |
| Human Mixtard 40 | Novorapid Penfill |
| Human Mixtard 50 | Penmix 10/90 |
| Human Monotard | Penmix 20/80 |
| Human Ultratard | Penmix 30/70 |
| Human Velosulin | Penmix 40/60 |

| | |
|-------------------------------|------------------|
| Humulin I | Penmix 50/50 |
| Humulin Lente | Pioglitazone |
| Humulin M1 | Pork Actrapid |
| Humulin M2 | Pork Insulatard |
| Humulin M3 | Pork Mixtard 30 |
| Humulin M4 | Pork Velosulin |
| Humulin M5 | Protaphane Human |
| Humulin S | Repaglinide |
| Humulin Zn | Rosiglitazone |
| Hypurin Bovine Isophane | Semi Daonil |
| Hypurin Bovine Lente | Tolbutamide |
| Hypurin Bovine Neutral | Ultratard |
| Hypurin Bovine Protamine Zinc | Velosulin |

1.2) Patient has been prescribed medication from 01/09/2008 which matches any of following medication read codes:

| | |
|-----|---|
| f1 | Short-Acting Insulin Preps |
| f2 | Medium/Long Acting Insulins |
| f3 | Sulphonylureas |
| f4 | Biguanides |
| ft3 | Repaglinide |
| ft4 | Rosiglitazone |
| ft5 | Pioglitazone |
| ft6 | Nateglinide |
| fw | Short With Intermediate-Acting Insulins |

2) And patient meets one of the following sub criteria:

2.1) Patient does not have any of the following codes recorded:

| | |
|-------|-----------------------------|
| C164. | Polycystic ovaries |
| C165. | Polycystic ovarian syndrome |

2.2) Patient has any of the following read codes recorded:

| | |
|-------|---|
| 1434 | H/O: diabetes mellitus |
| 2BBP. | O/E - right eye background diabetic retinopathy |
| 2BBQ. | O/E - left eye background diabetic retinopathy |
| 2BBR. | O/E - right eye preproliferative diabetic retinopathy |
| 2BBS. | O/E - left eye preproliferative diabetic retinopathy |
| 2BBT. | O/E - right eye proliferative diabetic retinopathy |
| 2BBV. | O/E - left eye proliferative diabetic retinopathy |
| 2BBW. | O/E - right eye diabetic maculopathy |
| 2BBX. | O/E - left eye diabetic maculopathy |
| 2G5A. | O/E - Right diabetic foot at risk |
| 2G5C. | Foot abnormality - diabetes related |
| 66A.. | Diabetic monitoring |
| 66A1. | Initial diabetic assessment |
| 66A2. | Follow-up diabetic assessment |
| 66A3. | Diabetic on diet only |
| 66A4. | Diabetic on oral treatment |
| 66A5. | Diabetic on insulin |
| 66A8. | Has seen dietician - diabetes |
| 66A9. | Understands diet - diabetes |
| 66Aa. | Diabetic diet - poor compliance |
| 66Ab. | Diabetic foot examination |

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| 66Ac. | Diabetic peripheral neuropathy screening |
| 66Ad. | Hypoglycaemic attack requiring 3rd party assistance |
| 66AD. | Fundoscopy - diabetic check |
| 66AE. | Feet examination |
| 66Af. | Patient diabetes education review |
| 66AF. | Attends out-patients |
| 66Ag. | Insulin needles changed daily |
| 66AG. | Diabetic drug side effects |
| 66Ah. | Insulin needles changed for each injection |
| 66AH. | Diabetic treatment changed |
| 66AH0 | Conversion to insulin |
| 66Ai. | Diabetic 6 month review |
| 66AI. | Diabetic - good control |
| 66Aj. | Insulin needles changed less than once a day |
| 66AJ. | Diabetic - poor control |
| 66AJ0 | Chronic hyperglycaemia |
| 66AJ1 | Brittle diabetes |
| 66AJ2 | Loss of hypoglycaemic warning |
| 66AJ3 | Recurrent severe hypos |
| 66AJz | Diabetic - poor control NOS |
| 66Ak. | Diabetic monitoring - lower risk albumin excretion |
| 66AK. | Diabetic - cooperative patient |
| 66Al. | Diabetic monitoring - higher risk albumin excretion |
| 66AL. | Diabetic-uncooperative patient |
| 66Am. | Insulin dose changed |
| 66AM. | Diabetic - follow-up default |
| 66An. | Diabetes type 1 review |
| 66AN. | Date diabetic treatment start |
| 66Ao. | Diabetes type 2 review |
| 66AO. | Date diabetic treatment stopp. |
| 66Ap. | Insulin treatment initiated |
| 66AP. | Diabetes: practice programme |
| 66Aq. | Diabetic foot screen |
| 66AQ. | Diabetes: shared care programme |
| 66AR. | Diabetes management plan given |
| 66AS. | Diabetic annual review |
| 66AT. | Annual diabetic blood test |
| 66AU. | Diabetes care by hospital only |
| 66AV. | Diabetic on insulin and oral treatment |
| 66AW. | Diabetic foot risk assessment |
| 66AX. | Diabetes: shared care in pregnancy - diabetol and obstet |
| 66AY. | Diabetic diet - good compliance |
| 66AZ. | Diabetic monitoring NOS |
| 8A12. | Diabetic crisis monitoring |
| 8B3l. | Diabetes medication review |
| 8BL2. | Patient on maximal tolerated therapy for diabetes |
| 8HBG. | Diabetic retinopathy 12 month review |
| 8HBH. | Diabetic retinopathy 6 month review |
| C10.. | Diabetes mellitus |
| C100. | Diabetes mellitus with no mention of complication |
| C1000 | Diabetes mellitus, juvenile type, no mention of complication |
| C1001 | Diabetes mellitus, adult onset, no mention of complication |
| C100z | Diabetes mellitus NOS with no mention of complication |
| C101. | Diabetes mellitus with ketoacidosis |

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| C1010 | Diabetes mellitus, juvenile type, with ketoacidosis |
| C1011 | Diabetes mellitus, adult onset, with ketoacidosis |
| C101y | Other specified diabetes mellitus with ketoacidosis |
| C101z | Diabetes mellitus NOS with ketoacidosis |
| C102. | Diabetes mellitus with hyperosmolar coma |
| C1020 | Diabetes mellitus, juvenile type, with hyperosmolar coma |
| C1021 | Diabetes mellitus, adult onset, with hyperosmolar coma |
| C102z | Diabetes mellitus NOS with hyperosmolar coma |
| C103. | Diabetes mellitus with ketoacidotic coma |
| C1030 | Diabetes mellitus, juvenile type, with ketoacidotic coma |
| C1031 | Diabetes mellitus, adult onset, with ketoacidotic coma |
| C103y | Other specified diabetes mellitus with coma |
| C103z | Diabetes mellitus NOS with ketoacidotic coma |
| C104. | Diabetes mellitus with renal manifestation |
| C1040 | Diabetes mellitus, juvenile type, with renal manifestation |
| C1041 | Diabetes mellitus, adult onset, with renal manifestation |
| C104y | Other specified diabetes mellitus with renal complications |
| C104z | Diabetes mellitus with nephropathy NOS |
| C105. | Diabetes mellitus with ophthalmic manifestation |
| C1050 | Diabetes mellitus, juvenile type, + ophthalmic manifestation |
| C1051 | Diabetes mellitus, adult onset, + ophthalmic manifestation |
| C105y | Other specified diabetes mellitus with ophthalmic complicatn |
| C105z | Diabetes mellitus NOS with ophthalmic manifestation |
| C106. | Diabetes mellitus with neurological manifestation |
| C1060 | Diabetes mellitus, juvenile, + neurological manifestation |
| C1061 | Diabetes mellitus, adult onset, + neurological manifestation |
| C106y | Other specified diabetes mellitus with neurological comps |
| C106z | Diabetes mellitus NOS with neurological manifestation |
| C107. | Diabetes mellitus with peripheral circulatory disorder |
| C1070 | Diabetes mellitus, juvenile +peripheral circulatory disorder |
| C1071 | Diabetes mellitus, adult, + peripheral circulatory disorder |
| C1072 | Diabetes mellitus, adult with gangrene |
| C1073 | IDDM with peripheral circulatory disorder |
| C1074 | NIDDM with peripheral circulatory disorder |
| C107y | Other specified diabetes mellitus with periph circ comps |
| C107z | Diabetes mellitus NOS with peripheral circulatory disorder |
| C108. | Insulin dependent diabetes mellitus |
| C1080 | Insulin-dependent diabetes mellitus with renal complications |
| C1081 | Insulin-dependent diabetes mellitus with ophthalmic comps |
| C1082 | Insulin-dependent diabetes mellitus with neurological comps |
| C1083 | Insulin dependent diabetes mellitus with multiple complicatn |
| C1084 | Unstable insulin dependant diabetes mellitus |
| C1085 | Insulin dependent diabetes mellitus with ulcer |
| C1086 | Insulin dependent diabetes mellitus with gangrene |
| C1087 | Insulin dependent diabetes mellitus with retinopathy |
| C1088 | Insulin dependant diabetes mellitus - poor control |
| C1089 | Insulin dependant diabetes maturity onset |
| C108A | Insulin-dependent diabetes without complication |
| C108B | Insulin dependent diabetes mellitus with mononeuropathy |
| C108C | Insulin dependent diabetes mellitus with polyneuropathy |
| C108D | Insulin dependent diabetes mellitus with nephropathy |
| C108E | Insulin dependent diabetes mellitus with hypoglycaemic coma |
| C108F | Insulin dependent diabetes mellitus with diabetic cataract |
| C108G | Insulin dependent diab mell with peripheral angiopathy |

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| C108H | Insulin dependent diabetes mellitus with arthropathy |
| C108J | Insulin dependent diab mell with neuropathic arthropathy |
| C108y | Other specified diabetes mellitus with multiple comps |
| C108z | Unspecified diabetes mellitus with multiple complications |
| C109. | Non-insulin-dependent diabetes mellitus |
| C1090 | Non-insulin-dependent diabetes mellitus with renal comps |
| C1091 | Non-insulin-dependent diabetes mellitus with ophthalm comps |
| C1092 | Non-insulin-dependent diabetes mellitus with neuro comps |
| C1093 | Non-insulin-dependent diabetes mellitus with multiple comps |
| C1094 | Non-insulin dependent diabetes mellitus with ulcer |
| C1095 | Non-insulin dependent diabetes mellitus with gangrene |
| C1096 | Non-insulin-dependent diabetes mellitus with retinopathy |
| C1097 | Non-insulin dependant diabetes mellitus - poor control |
| C1098 | Reaven's syndrome |
| C1099 | Non-insulin-dependent diabetes mellitus without complication |
| C109A | Non-insulin dependent diabetes mellitus with mononeuropathy |
| C109B | Non-insulin dependent diabetes mellitus with polyneuropathy |
| C109C | Non-insulin dependent diabetes mellitus with nephropathy |
| C109D | Non-insulin dependent diabetes mellitus with hypoglyca coma |
| C109E | Non-insulin depend diabetes mellitus with diabetic cataract |
| C109F | Non-insulin-dependent d m with peripheral angiopath |
| C109G | Non-insulin dependent diabetes mellitus with arthropathy |
| C109H | Non-insulin dependent d m with neuropathic arthropathy |
| C109J | Insulin treated Type 2 diabetes mellitus |
| C109K | Hyperosmolar non-ketotic state in type 2 diabetes mellitus |
| C10A. | Malnutrition-related diabetes mellitus |
| C10A0 | Malnutrition-related diabetes mellitus with coma |
| C10A1 | Malnutrition-related diabetes mellitus with ketoacidosis |
| C10A2 | Malnutrition-related diabetes mellitus with renal complicatn |
| C10A3 | Malnutrit-related diabetes mellitus wth ophthalmic complicat |
| C10A4 | Malnutrition-related diabetes mellitus wth neuro complicatns |
| C10A5 | Malnutritn-relat diabetes melitus wth periph circul complctn |
| C10A6 | Malnutrition-related diabetes mellitus with multiple comps |
| C10A7 | Malnutrition-related diabetes mellitus without complications |
| C10AW | Malnutrit-related diabetes mellitus with unspec complices |
| C10AX | Malnutrit-relat diabetes mellitus with other spec comps |
| C10B. | Diabetes mellitus induced by steroids |
| C10B0 | Steroid induced diabetes mellitus without complication |
| C10C. | Diabetes mellitus autosomal dominant |
| C10D. | Diabetes mellitus autosomal dominant type 2 |
| C10E. | Type 1 diabetes mellitus |
| C10E0 | Type 1 diabetes mellitus with renal complications |
| C10E1 | Type 1 diabetes mellitus with ophthalmic complications |
| C10E2 | Type 1 diabetes mellitus with neurological complications |
| C10E3 | Type 1 diabetes mellitus with multiple complications |
| C10E4 | Unstable type 1 diabetes mellitus |
| C10E5 | Type 1 diabetes mellitus with ulcer |
| C10E6 | Type 1 diabetes mellitus with gangrene |
| C10E7 | Type 1 diabetes mellitus with retinopathy |
| C10E8 | Type 1 diabetes mellitus - poor control |
| C10E9 | Type 1 diabetes mellitus maturity onset |
| C10EA | Type 1 diabetes mellitus without complication |
| C10EB | Type 1 diabetes mellitus with mononeuropathy |
| C10EC | Type 1 diabetes mellitus with polyneuropathy |

| | |
|-------|---|
| C10ED | Type 1 diabetes mellitus with nephropathy |
| C10EE | Type 1 diabetes mellitus with hypoglycaemic coma |
| C10EF | Type 1 diabetes mellitus with diabetic cataract |
| C10EG | Type 1 diabetes mellitus with peripheral angiopathy |
| C10EH | Type 1 diabetes mellitus with arthropathy |
| C10EJ | Type 1 diabetes mellitus with neuropathic arthropathy |
| C10EK | Type 1 diabetes mellitus with persistent proteinuria |
| C10EL | Type 1 diabetes mellitus with persistent microalbuminuria |
| C10EM | Type 1 diabetes mellitus with ketoacidosis |
| C10EN | Type 1 diabetes mellitus with ketoacidotic coma |
| C10EP | Type 1 diabetes mellitus with exudative maculopathy |
| C10EQ | Type 1 diabetes mellitus with gastroparesis |
| C10F. | Type 2 diabetes mellitus |
| C10F0 | Type 2 diabetes mellitus with renal complications |
| C10F1 | Type 2 diabetes mellitus with ophthalmic complications |
| C10F2 | Type 2 diabetes mellitus with neurological complications |
| C10F3 | Type 2 diabetes mellitus with multiple complications |
| C10F4 | Type 2 diabetes mellitus with ulcer |
| C10F5 | Type 2 diabetes mellitus with gangrene |
| C10F6 | Type 2 diabetes mellitus with retinopathy |
| C10F7 | Type 2 diabetes mellitus - poor control |
| C10F8 | Reaven's syndrome |
| C10F9 | Type 2 diabetes mellitus without complication |
| C10FA | Type 2 diabetes mellitus with mononeuropathy |
| C10FB | Type 2 diabetes mellitus with polyneuropathy |
| C10FC | Type 2 diabetes mellitus with nephropathy |
| C10FD | Type 2 diabetes mellitus with hypoglycaemic coma |
| C10FE | Type 2 diabetes mellitus with diabetic cataract |
| C10FF | Type 2 diabetes mellitus with peripheral angiopathy |
| C10FG | Type 2 diabetes mellitus with arthropathy |
| C10FH | Type 2 diabetes mellitus with neuropathic arthropathy |
| C10FJ | Insulin treated Type 2 diabetes mellitus |
| C10FK | Hyperosmolar non-ketotic state in type 2 diabetes mellitus |
| C10FL | Type 2 diabetes mellitus with persistent proteinuria |
| C10FM | Type 2 diabetes mellitus with persistent microalbuminuria |
| C10FN | Type 2 diabetes mellitus with ketoacidosis |
| C10FP | Type 2 diabetes mellitus with ketoacidotic coma |
| C10FQ | Type 2 diabetes mellitus with exudative maculopathy |
| C10FR | Type 2 diabetes mellitus with gastroparesis |
| C10G. | Secondary pancreatic diabetes mellitus |
| C10G0 | Secondary pancreatic diabetes mellitus without complication |
| C10H. | Diabetes mellitus induced by non-steroid drugs |
| C10H0 | DM induced by non-steroid drugs without complication |
| C10J. | Insulin autoimmune syndrome |
| C10J0 | Insulin autoimmune syndrome without complication |
| C10K. | Type A insulin resistance |
| C10K0 | Type A insulin resistance without complication |
| C10L. | Fibrocalculous pancreatopathy |
| C10L0 | Fibrocalculous pancreatopathy without complication |
| C10M. | Lipomatrophic diabetes mellitus |
| C10M0 | Lipomatrophic diabetes mellitus without complication |
| C10N. | Secondary diabetes mellitus |
| C10N0 | Secondary diabetes mellitus without complication |
| C10y. | Diabetes mellitus with other specified manifestation |

| | |
|-------|--|
| C10y0 | Diabetes mellitus, juvenile, + other specified manifestation |
| C10y1 | Diabetes mellitus, adult, + other specified manifestation |
| C10yy | Other specified diabetes mellitus with other spec comps |
| C10yz | Diabetes mellitus NOS with other specified manifestation |
| C10z. | Diabetes mellitus with unspecified complication |
| C10z0 | Diabetes mellitus, juvenile type, + unspecified complication |
| C10z1 | Diabetes mellitus, adult onset, + unspecified complication |
| C10zy | Other specified diabetes mellitus with unspecified comps |
| C10zz | Diabetes mellitus NOS with unspecified complication |
| Cyu2. | [X]Diabetes mellitus |
| Cyu20 | [X]Other specified diabetes mellitus |
| Cyu21 | [X]Malnutrit-relat diabetes mellitus with other spec comps |
| Cyu22 | [X]Malnutrit-related diabetes mellitus with unspec complics |
| Cyu23 | [X]Unspecified diabetes mellitus with renal complications |
| F1711 | Autonomic neuropathy due to diabetes |
| F3450 | Diabetic mononeuritis multiplex |
| F35z0 | Diabetic mononeuritis NOS |
| F372. | Polyneuropathy in diabetes |
| F3720 | Acute painful diabetic neuropathy |
| F3721 | Chronic painful diabetic neuropathy |
| F3722 | Asymptomatic diabetic neuropathy |
| F3813 | Myasthenic syndrome due to diabetic amyotrophy |
| F3y0. | Diabetic mononeuropathy |
| F4407 | Diabetic iritis |
| G73y0 | Diabetic peripheral angiopathy |
| K01x1 | Nephrotic syndrome in diabetes mellitus |
| M0372 | Cellulitis in diabetic foot |
| M2710 | Ischaemic ulcer diabetic foot |
| M2711 | Neuropathic diabetic ulcer - foot |
| M2712 | Mixed diabetic ulcer - foot |
| R0542 | [D]Gangrene of toe in diabetic |
| R0543 | [D]Widespread diabetic foot gangrene |
| ZV653 | [V]Dietary surveillance and counselling |

Chronic Renal Disease

Vaccinations Due: Influenza & Pneumococcal (Pneumococcal is indicated every 5 years)

Patient meets one or more of the following criteria:

1) Patient has one or more of following read codes recorded:

- 1Z1.. Chronic renal impairment
- 7B00. Transplantation of kidney
- 7B000 Autotransplant of kidney
- 7B001 Transplantation of kidney from live donor
- 7B002 Transplantation of kidney from cadaver
- 7B00y Other specified transplantation of kidney
- 7B00z Transplantation of kidney NOS
- 7B012 Bilateral nephrectomy
- 7B015 Transplant nephrectomy
- 7B063 Exploration of renal transplant
- 7L1A. Compensation for renal failure
- 7L1A0 Renal dialysis
- 7L1A1 Peritoneal dialysis
- 7L1A2 Haemodialysis NEC
- 7L1A3 Haemofiltration
- 7L1A4 Automated peritoneal dialysis
- 7L1A5 Continuous ambulatory peritoneal dialysis
- 7L1A6 Peritoneal dialysis NEC
- 7L1A7 Haemoperfusion
- 7L1Ay Other specified compensation for renal failure
- 7L1Az Compensation for renal failure NOS
- 8L50. Renal transplant planned
- K01.. Nephrotic syndrome
- K010. Nephrotic syndrome with proliferative glomerulonephritis
- K011. Nephrotic syndrome with membranous glomerulonephritis
- K012. Nephrotic syndrome+membranoproliferative glomerulonephritis
- K013. Nephrotic syndrome with minimal change glomerulonephritis
- K014. Nephrotic syndrome, minor glomerular abnormality
- K015. Nephrotic syndrome, focal and segmental glomerular lesions
- K016. Nephrotic syndrome, diffuse membranous glomerulonephritis
- K017. Nephrotic syn difus mesangial prolifertiv glomerulonephritis
- K018. Nephrotic syn,difus endocapillary prolifitv glomerulonephritis
- K019. Nephrotic syn,diffuse mesangiocapillary glomerulonephritis
- K01A. Nephrotic syndrome, dense deposit disease
- K01B. Nephrotic syndrome, diffuse crescentic glomerulonephritis
- K01w. Congenital nephrotic syndrome
- K01w0 Finnish nephrosis syndrome
- K01wz Congenital nephrotic syndrome NOS
- K01x. Nephrotic syndrome in diseases EC
- K01x0 Nephrotic syndrome in amyloidosis
- K01x1 Nephrotic syndrome in diabetes mellitus
- K01x2 Nephrotic syndrome in malaria
- K01x3 Nephrotic syndrome in polyarteritis nodosa
- K01x4 Nephrotic syndrome in systemic lupus erythematosus
- K01xz Nephrotic syndrome in diseases EC NOS
- K01y. Nephrotic syndrome with other pathological kidney lesions

K01z. Nephrotic syndrome NOS
 K02.. Chronic glomerulonephritis
 K020. Chronic proliferative glomerulonephritis
 K021. Chronic membranous glomerulonephritis
 K022. Chronic membranoproliferative glomerulonephritis
 K023. Chronic rapidly progressive glomerulonephritis
 K02y. Other chronic glomerulonephritis
 K02y0 Chronic glomerulonephritis + diseases EC
 K02y1 Chronic exudative glomerulonephritis
 K02y2 Chronic focal glomerulonephritis
 K02y3 Chronic diffuse glomerulonephritis
 K02yz Other chronic glomerulonephritis NOS
 K02z. Chronic glomerulonephritis NOS
 K05.. Chronic renal failure
 K050. End stage renal failure
 K08.. Impaired renal function disorder
 K081. Nephrogenic diabetes insipidus
 K08y. Other impaired renal function disorder
 K08y0 Hypokalaemic nephropathy
 K08y1 Secondary hyperparathyroidism
 K08y2 Lightwood - Albright syndrome
 K08y3 Renal function impairment with growth failure
 K08y4 Renal tubular acidosis
 K08y5 Acute interstitial nephritis
 K08yz Other impaired renal function disorder NOS
 K08z. Impaired renal function disorder NOS
 K0A0. Acute nephritic syndrome
 K0A00 Acute nephritic syndrome, minor glomerular abnormality
 K0A01 Acute nephritic syndrome, focal+segmental glomerular lesions
 K0A02 Acute nephritic syn, diffuse membranous glomerulonephritis
 K0A03 Acute neph syn, diffuse mesangial proliferative glomerulonephritis
 K0A04 Acute neph syn diffuse endocapillary proliferative glomerulonephritis
 K0A05 Acute neph syn, diffuse mesangiocapillary glomerulonephritis
 K0A06 Acute nephritic syndrome, dense deposit disease
 K0A07 Acute nephrotic syndrome diffuse crescentic glomerulonephritis
 K0A1. Rapidly progressive nephritic syndrome
 K0A10 Rapid progress neph syndrome, minor glomerular abnormality
 K0A11 Rapid progress nephritic syn focal+segmental glomerular lesion
 K0A12 Rapid progress neph syn diffuse membranous glomerulonephritis
 K0A13 Rapid progress neph syn diffuse mesangial proliferative glomerulonephritis
 K0A14 Rapid progress neph syn diffuse endocapillary proliferative glomerulonephritis
 K0A15 Rapid progress neph syn diffuse mesangiocapillary glomerulonephritis
 K0A16 Rapid progressive nephritic syndrome, dense deposit disease
 K0A17 Rapid progress nephritic syn diffuse crescentic glomerulonephritis
 K0A3. Chronic nephritic syndrome
 K0A30 Chronic nephritic syndrome, minor glomerular abnormality
 K0A31 Chronic nephritic syndrome focal+segmental glomerular lesions
 K0A32 Chronic nephritic syndrome diffuse membranous glomerulonephritis
 K0A33 Chronic neph syn diffuse mesangial proliferative glomerulonephritis
 K0A34 Chronic neph syn diffuse endocapillary proliferative glomerulonephritis
 K0A35 Chronic neph syn diffuse mesangiocapillary glomerulonephritis
 K0A36 Chronic nephritic syndrome, dense deposit disease
 K0A37 Chronic nephritic syn diffuse crescentic glomerulonephritis
 K0D.. End-stage renal disease

Q48y0 Congenital renal failure
SP083 Kidney transplant failure and rejection
TB001 Kidney transplant with complication, without blame
ZV420 [V]Kidney transplanted

2) Patient meets all of following criteria:

2.1) Patient has one or more of following read codes recorded:

1Z12. Chronic kidney disease stage 3
1Z13. Chronic kidney disease stage 4
1Z14. Chronic kidney disease stage 5
1Z15. Chronic kidney disease stage 3A
1Z16. Chronic kidney disease stage 3B
1Z1B. Chronic kidney disease stage 3 with proteinuria
1Z1C. Chronic kidney disease stage 3 without proteinuria
1Z1D. Chronic kidney disease stage 3A with proteinuria
1Z1E. Chronic kidney disease stage 3A without proteinuria
1Z1F. Chronic kidney disease stage 3B with proteinuria
1Z1G. Chronic kidney disease stage 3B without proteinuria
1Z1H. Chronic kidney disease stage 4 with proteinuria
1Z1J. Chronic kidney disease stage 4 without proteinuria
1Z1K. Chronic kidney disease stage 5 with proteinuria
1Z1L. Chronic kidney disease stage 5 without proteinuria

2.2) Patient has no subsequent recording of any of following codes:

1Z10. Chronic kidney disease stage 1
1Z11. Chronic kidney disease stage 2
1Z17. Chronic kidney disease stage 1 with proteinuria
1Z18. Chronic kidney disease stage 1 without proteinuria
1Z19. Chronic kidney disease stage 2 with proteinuria
1Z1A. Chronic kidney disease stage 2 without proteinuria

Chronic Liver Disease

Vaccinations Due: Influenza & Pneumococcal

Patient has one or more of following read codes recorded:

C3500 Haemochromatosis
J6... Liver, biliary, pancreas + gastrointestinal diseases NEC
J61.. Cirrhosis and chronic liver disease
J610. Alcoholic fatty liver
J611. Acute alcoholic hepatitis
J612. Alcoholic cirrhosis of liver
J6120 Alcoholic fibrosis and sclerosis of liver
J613. Alcoholic liver damage unspecified
J6130 Alcoholic hepatic failure
J614. Chronic hepatitis
J6140 Chronic persistent hepatitis
J6141 Chronic active hepatitis
J6142 Chronic aggressive hepatitis
J6143 Recurrent hepatitis
J6144 Chronic lobular hepatitis
J614y Chronic hepatitis unspecified
J614z Chronic hepatitis NOS
J615. Cirrhosis - non alcoholic
J6150 Unilobular portal cirrhosis
J6151 Multilobular portal cirrhosis
J6152 Mixed portal cirrhosis
J6153 Diffuse nodular cirrhosis
J6154 Fatty portal cirrhosis
J6155 Hypertrophic portal cirrhosis
J6156 Capsular portal cirrhosis
J6157 Cardiac portal cirrhosis
J6158 Juvenile portal cirrhosis
J6159 Pigmentary portal cirrhosis
J615A Pipe-stem portal cirrhosis
J615B Toxic portal cirrhosis
J615C Xanthomatous portal cirrhosis
J615D Bacterial portal cirrhosis
J615E Cardituberculous cirrhosis
J615F Syphilitic portal cirrhosis
J615G Zooparasitic portal cirrhosis
J615H Infectious cirrhosis NOS
J615y Portal cirrhosis unspecified
J615z Non-alcoholic cirrhosis NOS
J616. Biliary cirrhosis
J6160 Primary biliary cirrhosis
J6161 Secondary biliary cirrhosis
J6162 Biliary cirrhosis of children
J616z Biliary cirrhosis NOS
J617. Alcoholic hepatitis
J6170 Chronic alcoholic hepatitis
J61y. Other non-alcoholic chronic liver disease

J61y0 Chronic yellow liver atrophy
 J61y1 Non-alcoholic fatty liver
 J61y2 Hepatosplenomegaly
 J61y3 Portal fibrosis without cirrhosis
 J61y4 Hepatic fibrosis
 J61y5 Hepatic sclerosis
 J61y6 Hepatic fibrosis with hepatic sclerosis
 J61y7 Steatosis of liver
 J61yz Other non-alcoholic chronic liver disease NOS
 J61z. Chronic liver disease NOS
 J623. Portal hypertension
 J624. Hepatorenal syndrome
 J625. [X] Hepatic failure
 J62y. Other sequelae of chronic liver disease
 J62z. Liver abscess and chronic liver disease causing sequelae NOS
 J630. Chronic passive liver congestion
 J6353 Toxic liver disease with chronic persistent hepatitis
 J6354 Toxic liver disease with chronic lobular hepatitis
 J6355 Toxic liver disease with chronic active hepatitis
 J6356 Toxic liver disease with fibrosis and cirrhosis of liver
 J63B. Autoimmune hepatitis
 Jyu7. [X]Diseases of the liver
 Jyu70 [X]Toxic liver disease with other disorders of liver
 Jyu71 [X]Other and unspecified cirrhosis of liver
 Jyu72 [X]Other specified inflammatory liver diseases
 Jyu73 [X]Other specified diseases of liver
 Jyu74 [X]Liver disorders in infectious and parasitic diseases CE
 Jyu75 [X]Liver disorders in other diseases classified elsewhere
 Jyu76 [X]Toxic liver disease, unspecified
 Jyu77 [X]Granulomatous hepatitis, not elsewhere classified
 PB61. Biliary atresia
 PB610 Congenital absence of bile duct
 PB611 Congenital hypoplasia of bile duct
 PB612 Congenital obstruction of bile duct
 PB613 Congenital stricture of bile duct
 PB614 Atresia of bile duct
 PB615 Congenital absence of hepatic ducts
 PB616 Atresia of hepatic ducts
 PB61z Biliary atresia NOS
 PB63. Congenital absence of liver and gallbladder
 PB630 Congenital absence of gallbladder
 PB631 Congenital absence of liver lobe
 PB632 Congenital small left lobe of liver
 PB633 Riedel's lobe liver
 PB634 Congenital absence of liver,total
 PB635 Alagille syndrome
 PB63z Absence of liver or gallbladder NOS
 PB6y1 Congenital hepatomegaly

Diabetes (Diet only)

Vaccinations Due: Influenza Only

Patient does not meet any criteria for risk group Diabetes (Medication only) and has one or more of the following read codes recorded:

| | |
|-------|---|
| 1434 | H/O: diabetes mellitus |
| 2BBP. | O/E - right eye background diabetic retinopathy |
| 2BBQ. | O/E - left eye background diabetic retinopathy |
| 2BBR. | O/E - right eye preproliferative diabetic retinopathy |
| 2BBS. | O/E - left eye preproliferative diabetic retinopathy |
| 2BBT. | O/E - right eye proliferative diabetic retinopathy |
| 2BBV. | O/E - left eye proliferative diabetic retinopathy |
| 2BBW. | O/E - right eye diabetic maculopathy |
| 2BBX. | O/E - left eye diabetic maculopathy |
| 2G5A. | O/E - Right diabetic foot at risk |
| 2G5C. | Foot abnormality - diabetes related |
| 66A.. | Diabetic monitoring |
| 66A1. | Initial diabetic assessment |
| 66A2. | Follow-up diabetic assessment |
| 66A3. | Diabetic on diet only |
| 66A4. | Diabetic on oral treatment |
| 66A5. | Diabetic on insulin |
| 66A8. | Has seen dietician - diabetes |
| 66A9. | Understands diet - diabetes |
| 66Aa. | Diabetic diet - poor compliance |
| 66Ab. | Diabetic foot examination |
| 66Ac. | Diabetic peripheral neuropathy screening |
| 66Ad. | Hypoglycaemic attack requiring 3rd party assistance |
| 66AD. | Fundoscopy - diabetic check |
| 66AE. | Feet examination |
| 66Af. | Patient diabetes education review |
| 66AF. | Attends out-patients |
| 66Ag. | Insulin needles changed daily |
| 66AG. | Diabetic drug side effects |
| 66Ah. | Insulin needles changed for each injection |
| 66AH. | Diabetic treatment changed |
| 66AH0 | Conversion to insulin |
| 66Ai. | Diabetic 6 month review |
| 66AI. | Diabetic - good control |
| 66Aj. | Insulin needles changed less than once a day |
| 66AJ. | Diabetic - poor control |
| 66AJ0 | Chronic hyperglycaemia |
| 66AJ1 | Brittle diabetes |
| 66AJ2 | Loss of hypoglycaemic warning |
| 66AJ3 | Recurrent severe hypos |
| 66AJz | Diabetic - poor control NOS |
| 66Ak. | Diabetic monitoring - lower risk albumin excretion |
| 66AK. | Diabetic - cooperative patient |
| 66AI. | Diabetic monitoring - higher risk albumin excretion |
| 66AL. | Diabetic-uncooperative patient |
| 66Am. | Insulin dose changed |

66AM. Diabetic - follow-up default
 66An. Diabetes type 1 review
 66AN. Date diabetic treatment start
 66Ao. Diabetes type 2 review
 66AO. Date diabetic treatment stopp.
 66Ap. Insulin treatment initiated
 66AP. Diabetes: practice programme
 66Aq. Diabetic foot screen
 66AQ. Diabetes: shared care programme
 66AR. Diabetes management plan given
 66AS. Diabetic annual review
 66AT. Annual diabetic blood test
 66AU. Diabetes care by hospital only
 66AV. Diabetic on insulin and oral treatment
 66AW. Diabetic foot risk assessment
 66AX. Diabetes: shared care in pregnancy - diabetol and obstet
 66AY. Diabetic diet - good compliance
 66AZ. Diabetic monitoring NOS
 8A12. Diabetic crisis monitoring
 8B3l. Diabetes medication review
 8BL2. Patient on maximal tolerated therapy for diabetes
 8HBG. Diabetic retinopathy 12 month review
 8HBH. Diabetic retinopathy 6 month review
 C10.. Diabetes mellitus
 C100. Diabetes mellitus with no mention of complication
 C1000 Diabetes mellitus, juvenile type, no mention of complication
 C1001 Diabetes mellitus, adult onset, no mention of complication
 C100z Diabetes mellitus NOS with no mention of complication
 C101. Diabetes mellitus with ketoacidosis
 C1010 Diabetes mellitus, juvenile type, with ketoacidosis
 C1011 Diabetes mellitus, adult onset, with ketoacidosis
 C101y Other specified diabetes mellitus with ketoacidosis
 C101z Diabetes mellitus NOS with ketoacidosis
 C102. Diabetes mellitus with hyperosmolar coma
 C1020 Diabetes mellitus, juvenile type, with hyperosmolar coma
 C1021 Diabetes mellitus, adult onset, with hyperosmolar coma
 C102z Diabetes mellitus NOS with hyperosmolar coma
 C103. Diabetes mellitus with ketoacidotic coma
 C1030 Diabetes mellitus, juvenile type, with ketoacidotic coma
 C1031 Diabetes mellitus, adult onset, with ketoacidotic coma
 C103y Other specified diabetes mellitus with coma
 C103z Diabetes mellitus NOS with ketoacidotic coma
 C104. Diabetes mellitus with renal manifestation
 C1040 Diabetes mellitus, juvenile type, with renal manifestation
 C1041 Diabetes mellitus, adult onset, with renal manifestation
 C104y Other specified diabetes mellitus with renal complications
 C104z Diabetes mellitus with nephropathy NOS
 C105. Diabetes mellitus with ophthalmic manifestation
 C1050 Diabetes mellitus, juvenile type, + ophthalmic manifestation
 C1051 Diabetes mellitus, adult onset, + ophthalmic manifestation
 C105y Other specified diabetes mellitus with ophthalmic complicatn
 C105z Diabetes mellitus NOS with ophthalmic manifestation
 C106. Diabetes mellitus with neurological manifestation
 C1060 Diabetes mellitus, juvenile, + neurological manifestation

C1061 Diabetes mellitus, adult onset, + neurological manifestation
 C106y Other specified diabetes mellitus with neurological comps
 C106z Diabetes mellitus NOS with neurological manifestation
 C107. Diabetes mellitus with peripheral circulatory disorder
 C1070 Diabetes mellitus, juvenile +peripheral circulatory disorder
 C1071 Diabetes mellitus, adult, + peripheral circulatory disorder
 C1072 Diabetes mellitus, adult with gangrene
 C1073 IDDM with peripheral circulatory disorder
 C1074 NIDDM with peripheral circulatory disorder
 C107y Other specified diabetes mellitus with periph circ comps
 C107z Diabetes mellitus NOS with peripheral circulatory disorder
 C108. Insulin dependent diabetes mellitus
 C1080 Insulin-dependent diabetes mellitus with renal complications
 C1081 Insulin-dependent diabetes mellitus with ophthalmic comps
 C1082 Insulin-dependent diabetes mellitus with neurological comps
 C1083 Insulin dependent diabetes mellitus with multiple complicatn
 C1084 Unstable insulin dependant diabetes mellitus
 C1085 Insulin dependent diabetes mellitus with ulcer
 C1086 Insulin dependent diabetes mellitus with gangrene
 C1087 Insulin dependent diabetes mellitus with retinopathy
 C1088 Insulin dependant diabetes mellitus - poor control
 C1089 Insulin dependant diabetes maturity onset
 C108A Insulin-dependent diabetes without complication
 C108B Insulin dependent diabetes mellitus with mononeuropathy
 C108C Insulin dependent diabetes mellitus with polyneuropathy
 C108D Insulin dependent diabetes mellitus with nephropathy
 C108E Insulin dependent diabetes mellitus with hypoglycaemic coma
 C108F Insulin dependent diabetes mellitus with diabetic cataract
 C108G Insulin dependent diab mell with peripheral angiopathy
 C108H Insulin dependent diabetes mellitus with arthropathy
 C108J Insulin dependent diab mell with neuropathic arthropathy
 C108y Other specified diabetes mellitus with multiple comps
 C108z Unspecified diabetes mellitus with multiple complications
 C109. Non-insulin-dependent diabetes mellitus
 C1090 Non-insulin-dependent diabetes mellitus with renal comps
 C1091 Non-insulin-dependent diabetes mellitus with ophthalm comps
 C1092 Non-insulin-dependent diabetes mellitus with neuro comps
 C1093 Non-insulin-dependent diabetes mellitus with multiple comps
 C1094 Non-insulin dependent diabetes mellitus with ulcer
 C1095 Non-insulin dependent diabetes mellitus with gangrene
 C1096 Non-insulin-dependent diabetes mellitus with retinopathy
 C1097 Non-insulin dependant diabetes mellitus - poor control
 C1098 Reaven's syndrome
 C1099 Non-insulin-dependent diabetes mellitus without complication
 C109A Non-insulin dependent diabetes mellitus with mononeuropathy
 C109B Non-insulin dependent diabetes mellitus with polyneuropathy
 C109C Non-insulin dependent diabetes mellitus with nephropathy
 C109D Non-insulin dependent diabetes mellitus with hypoglyca coma
 C109E Non-insulin depend diabetes mellitus with diabetic cataract
 C109F Non-insulin-dependent d m with peripheral angiopath
 C109G Non-insulin dependent diabetes mellitus with arthropathy
 C109H Non-insulin dependent d m with neuropathic arthropathy
 C109J Insulin treated Type 2 diabetes mellitus
 C109K Hyperosmolar non-ketotic state in type 2 diabetes mellitus

C10A. Malnutrition-related diabetes mellitus
 C10A0 Malnutrition-related diabetes mellitus with coma
 C10A1 Malnutrition-related diabetes mellitus with ketoacidosis
 C10A2 Malnutrition-related diabetes mellitus with renal complicatn
 C10A3 Malnutrit-related diabetes mellitus wth ophthalmic complicat
 C10A4 Malnutrition-related diabetes mellitus with neuro complicatns
 C10A5 Malnutritn-relat diabetes melitus wth periph circul complctn
 C10A6 Malnutrition-related diabetes mellitus with multiple comps
 C10A7 Malnutrition-related diabetes mellitus without complications
 C10AW Malnutrit-related diabetes mellitus with unspec complices
 C10AX Malnutrit-relat diabetes mellitus with other spec comps
 C10B. Diabetes mellitus induced by steroids
 C10B0 Steroid induced diabetes mellitus without complication
 C10C. Diabetes mellitus autosomal dominant
 C10D. Diabetes mellitus autosomal dominant type 2
 C10E. Type 1 diabetes mellitus
 C10E0 Type 1 diabetes mellitus with renal complications
 C10E1 Type 1 diabetes mellitus with ophthalmic complications
 C10E2 Type 1 diabetes mellitus with neurological complications
 C10E3 Type 1 diabetes mellitus with multiple complications
 C10E4 Unstable type 1 diabetes mellitus
 C10E5 Type 1 diabetes mellitus with ulcer
 C10E6 Type 1 diabetes mellitus with gangrene
 C10E7 Type 1 diabetes mellitus with retinopathy
 C10E8 Type 1 diabetes mellitus - poor control
 C10E9 Type 1 diabetes mellitus maturity onset
 C10EA Type 1 diabetes mellitus without complication
 C10EB Type 1 diabetes mellitus with mononeuropathy
 C10EC Type 1 diabetes mellitus with polyneuropathy
 C10ED Type 1 diabetes mellitus with nephropathy
 C10EE Type 1 diabetes mellitus with hypoglycaemic coma
 C10EF Type 1 diabetes mellitus with diabetic cataract
 C10EG Type 1 diabetes mellitus with peripheral angiopathy
 C10EH Type 1 diabetes mellitus with arthropathy
 C10EJ Type 1 diabetes mellitus with neuropathic arthropathy
 C10EK Type 1 diabetes mellitus with persistent proteinuria
 C10EL Type 1 diabetes mellitus with persistent microalbuminuria
 C10EM Type 1 diabetes mellitus with ketoacidosis
 C10EN Type 1 diabetes mellitus with ketoacidotic coma
 C10EP Type 1 diabetes mellitus with exudative maculopathy
 C10EQ Type 1 diabetes mellitus with gastroparesis
 C10F. Type 2 diabetes mellitus
 C10F0 Type 2 diabetes mellitus with renal complications
 C10F1 Type 2 diabetes mellitus with ophthalmic complications
 C10F2 Type 2 diabetes mellitus with neurological complications
 C10F3 Type 2 diabetes mellitus with multiple complications
 C10F4 Type 2 diabetes mellitus with ulcer
 C10F5 Type 2 diabetes mellitus with gangrene
 C10F6 Type 2 diabetes mellitus with retinopathy
 C10F7 Type 2 diabetes mellitus - poor control
 C10F8 Reaven's syndrome
 C10F9 Type 2 diabetes mellitus without complication
 C10FA Type 2 diabetes mellitus with mononeuropathy
 C10FB Type 2 diabetes mellitus with polyneuropathy

C10FC Type 2 diabetes mellitus with nephropathy
C10FD Type 2 diabetes mellitus with hypoglycaemic coma
C10FE Type 2 diabetes mellitus with diabetic cataract
C10FF Type 2 diabetes mellitus with peripheral angiopathy
C10FG Type 2 diabetes mellitus with arthropathy
C10FH Type 2 diabetes mellitus with neuropathic arthropathy
C10FJ Insulin treated Type 2 diabetes mellitus
C10FK Hyperosmolar non-ketotic state in type 2 diabetes mellitus
C10FL Type 2 diabetes mellitus with persistent proteinuria
C10FM Type 2 diabetes mellitus with persistent microalbuminuria
C10FN Type 2 diabetes mellitus with ketoacidosis
C10FP Type 2 diabetes mellitus with ketoacidotic coma
C10FQ Type 2 diabetes mellitus with exudative maculopathy
C10FR Type 2 diabetes mellitus with gastroparesis
C10G. Secondary pancreatic diabetes mellitus
C10G0 Secondary pancreatic diabetes mellitus without complication
C10H. Diabetes mellitus induced by non-steroid drugs
C10H0 DM induced by non-steroid drugs without complication
C10J. Insulin autoimmune syndrome
C10J0 Insulin autoimmune syndrome without complication
C10K. Type A insulin resistance
C10K0 Type A insulin resistance without complication
C10L. Fibrocalculous pancreatopathy
C10L0 Fibrocalculous pancreatopathy without complication
C10M. Lipoatrophic diabetes mellitus
C10M0 Lipoatrophic diabetes mellitus without complication
C10N. Secondary diabetes mellitus
C10N0 Secondary diabetes mellitus without complication
C10y. Diabetes mellitus with other specified manifestation
C10y0 Diabetes mellitus, juvenile, + other specified manifestation
C10y1 Diabetes mellitus, adult, + other specified manifestation
C10yy Other specified diabetes mellitus with other spec comps
C10yz Diabetes mellitus NOS with other specified manifestation
C10z. Diabetes mellitus with unspecified complication
C10z0 Diabetes mellitus, juvenile type, + unspecified complication
C10z1 Diabetes mellitus, adult onset, + unspecified complication
C10zy Other specified diabetes mellitus with unspecified comps
C10zz Diabetes mellitus NOS with unspecified complication
Cyu2. [X]Diabetes mellitus
Cyu20 [X]Other specified diabetes mellitus
Cyu21 [X]Malnutrit-relat diabetes mellitus with other spec comps
Cyu22 [X]Malnutrit-related diabetes mellitus with unspec complics
Cyu23 [X]Unspecified diabetes mellitus with renal complications
F1711 Autonomic neuropathy due to diabetes
F3450 Diabetic mononeuritis multiplex
F35z0 Diabetic mononeuritis NOS
F372. Polyneuropathy in diabetes
F3720 Acute painful diabetic neuropathy
F3721 Chronic painful diabetic neuropathy
F3722 Asymptomatic diabetic neuropathy
F3813 Myasthenic syndrome due to diabetic amyotrophy
F3y0. Diabetic mononeuropathy
F4407 Diabetic iritis
G73y0 Diabetic peripheral angiopathy

| | |
|-------|---|
| K01x1 | Nephrotic syndrome in diabetes mellitus |
| M0372 | Cellulitis in diabetic foot |
| M2710 | Ischaemic ulcer diabetic foot |
| M2711 | Neuropathic diabetic ulcer - foot |
| M2712 | Mixed diabetic ulcer - foot |
| R0542 | [D]Gangrene of toe in diabetic |
| R0543 | [D]Widespread diabetic foot gangrene |
| ZV653 | [V]Dietary surveillance and counselling |

Patients in long stay care

Vaccinations Due: Influenza Only

Patient meets any one of the following criteria:

1) Patient has one or more of the following read codes recorded:

- 13F4. Warden attended
- 13F40 Resident in sheltered accommodation
- 13F5. Part III accommodation
- 13F51 Part III accommodation arranged
- 13F52 Resident in part III accommodation
- 13F6. Nursing/other home
- 13F61 Lives in a nursing home
- 13F7. Residential institution
- 13F71 Lives in a welfare home
- 13F72 Lives in an old peoples home
- 13F81 Long stay hospital inpatient
- 13FK. Lives in a residential home
- 13FS. Long stay hospital inpatient
- 13FT. Lives in an old peoples home
- 13FV. Lives in a welfare home
- 13FX. Lives in care home

2) Patient registered address contains phrase 'nursing home'

3) Patient registered address contains phrase 'residential home'

CSF Shunts or CSF leakage

Vaccinations Due: Pneumococcal Only

Patient has one or more of following read codes recorded:

- 70105 Creation of ventriculovascular shunt
- 70120 Irrigation of cerebroventricular shunt
- 70122 Aspiration of cerebroventricular shunt
- 70123 Renewal of cerebroventricular shunt
- 70124 Revision of cerebroventricular shunt NEC
- 70125 Attention to cerebroventricular shunt NEC
- 7012y Other operation on connection from ventricle of brain OS
- 7012z Other operation on connection from ventricle of brain NOS
- 70451 Creation of thecoperitoneal shunt
- 70452 Creation of syringoperitoneal shunt
- 70453 Creation of lumboperitoneal shunt
- SP102 Post operative CSF leak
- ZV452 [V]Has cerebrospinal fluid drainage device in situ
- 7010 Creation of connection from ventricle of brain
- 70100 Ventriculocisternostomy
- 70101 Creation of ventriculovascular anastomosis
- 70102 Creation of ventriculopleural shunt
- 70103 Creation of ventriculoperitoneal shunt
- 70104 Creation of subcutaneous cerebrospinal fluid reservoir
- 7010y Creation of connection from ventricle of brain OS
- 7010z Creation of connection from ventricle of brain NOS

Cochlear Implants

Vaccinations Due: Pneumococcal Only

Patient has one or more of following read codes recorded:

| | |
|-------|---|
| 73210 | Implantation of intracochlear prosthesis |
| 73211 | Implantation of extracochlear prosthesis |
| 73212 | Attention to cochlear prosthesis |
| ZV459 | [V]Presence of otological and audiological implants |

Asthma (active)

Vaccinations Due: Influenza Only

Patient does not meet any criteria for risk group Asthma (immunocompromised by systemic steroids) and meets one of following criteria:

1) Patient meets all of following criteria:

1.1) Patient has one or more of following read codes recorded:

| | |
|-------|---|
| 6636. | Inhaler technique shown |
| 6637. | Inhaler technique observed |
| 6638. | Home nebuliser |
| 663b. | Home nebuliser used since last appointment |
| 663c. | Nebulisation since last appointment |
| 663d. | Emergency asthma admission since last appointment |
| 663e. | Asthma restricts exercise |
| 663e0 | Asthma sometimes restricts exercise |
| 663e1 | Asthma severely restricts exercise |
| 663f. | Asthma never restricts exercise |
| 663H. | Inhaler technique – good |
| 663I. | Inhaler technique – poor |
| 663j. | Asthma - currently active |
| 663L. | Bronchodilators used more than once daily |
| 663m. | Asthma accident and emergency attendance since last visit |
| 663M. | Bronchodilators used a maximum of once daily |
| 663n. | Asthma treatment compliance satisfactory |
| 663N. | Asthma disturbing sleep |
| 663N0 | Asthma causing night waking |
| 663N1 | Asthma disturbs sleep weekly |
| 663N2 | Asthma disturbs sleep frequently |
| 663O. | Asthma not disturbing sleep |
| 663p. | Asthma treatment compliance unsatisfactory |
| 663q. | Asthma daytime symptoms |
| 663r. | Asthma causes night symptoms 1 to 2 times per month |
| 663s. | Asthma never causes daytime symptoms |
| 663t. | Asthma causes daytime symptoms 1 to 2 times per month |
| 663u. | Asthma causes daytime symptoms 1 to 2 times per week |
| 663U. | Asthma management plan given |
| 663v. | Asthma causes daytime symptoms most days |
| 663V. | Asthma severity |
| 663V0 | Occasional asthma |
| 663V1 | Mild asthma |
| 663V2 | Moderate asthma |
| 663V3 | Severe asthma |
| 663w. | Asthma limits walking up hills or stairs |
| 663W. | Asthma prophylactic medication used |
| 663x. | Asthma limits walking on the flat |
| H33.. | Asthma |
| H330. | Extrinsic (atopic) asthma |
| H3300 | Extrinsic asthma without status asthmaticus |
| H3301 | Extrinsic asthma with status asthmaticus |
| H330z | Extrinsic asthma NOS |

| | |
|-------|---|
| H331. | Intrinsic asthma |
| H3310 | Intrinsic asthma without status asthmaticus |
| H3311 | Intrinsic asthma with status asthmaticus |
| H331z | Intrinsic asthma NOS |
| H332. | Mixed asthma |
| H333. | Acute exacerbation of asthma |
| H334. | Brittle asthma |
| H33z. | Asthma unspecified |
| H33z0 | Status asthmaticus NOS |
| H33z1 | Asthma attack |
| H33z2 | Late-onset asthma |
| H33zz | Asthma NOS |

1.2) Patient has no subsequent recording of any of following codes:

| | |
|-------|-----------------|
| 21262 | Asthma resolved |
| 212G. | Asthma resolved |

1.3) Patient meets one or more of the three following sub criteria

1.3.1) Patient has two or more of following read codes recorded in since 01/09/2008:

| | |
|-------|---|
| 663a. | Oral steroids used since last appointment |
| 663F. | Oral steroids started |
| 663g1 | Using inhaled steroids - normal dose |
| 663g2 | Using inhaled steroids - high dose |
| 663g3 | Increases inhaled steroids appropriately |
| 663Y. | Steroid dose inhaled daily |

1.3.2) Patient has been prescribed one or more of following medication on two or more occasions in total from 01/09/2008:

Aerobec 100 Autohaler
 Aerobec 50 Autohaler
 Aerobec Forte Autohaler
 Alvesco
 Asmabec
 Asmabec Clickhaler
 Asmanex Twisthaler
 Bdp
 Beclazone 100
 Beclazone 100 Easi-Breathe
 Beclazone 200
 Beclazone 250
 Beclazone 250 Easi-Breathe
 Beclazone 50
 Beclazone 50 Easi-Breathe
 Beclazone Easi-Breathe (Old)
 Becloforte
 Becloforte Integra
 Becloforte Vm
 Beclometasone 100 Cyclocaps
 Beclometasone 200 Cyclocaps
 Beclometasone 400 Cyclocaps
 Beclometasone Dipropionate

Becodisks
Becotide
Becotide 100
Becotide 200
Becotide 50
Betamethasone
Betamethasone Sodium Phosphate
Betnelan
Betnesol
Bextasol
Budesonide
Budesonide 200 Cyclocaps
Budesonide 400 Cyclocaps
Calcort
Ciclesonide
Clenil Modulite 100
Clenil Modulite 200
Clenil Modulite 250
Clenil Modulite 50
Codelsol
Cortelan
Cortisone Acetate
Cortistab
Cortisyl
Decadron
Decortisyl
Deflazacort
Deltacortril
Deltalone
Delta-Phoricol
Deltastab
Depo-Medrone
Dexamethasone
Dexamethasone Sodium Phosphate
Dexsol
Easyhaler Beclometasone
Easyhaler Budesonide
Econosone
Efcortelan
Efcortesol
Flixotide
Flixotide Accuhaler
Flixotide Evohaler
Flixotide Nebules
Fludrocortisone Acetate
Fluticasone Propionate
Fostair 100/6
Hydrocortisone
Hydrocortisone Na Succinate
Hydrocortisone Sodium Phos
Hydrocortistab
Hydrocortone
Kenalog
Ledercort
Medrone
Methylprednisolone
Methylprednisolone Sodium Succ
Mometasone Furoate
Novolizer Budesonide
Novolizer Salbutin

Oradexon-Organon
 Precortisyl
 Prednesol
 Prednisolone
 Prednisolone Acetate
 Prednisolone Sodium Phosphate
 Prednisone
 Pulmicort
 Pulmicort Ls
 Pulmicort Respules
 Pulmicort Turbohaler
 Pulmicort With Nebuchamber
 Pulvinal Beclometasone Dipropionate
 Qvar 100
 Qvar 100 Autohaler
 Qvar 100 Easi-Breathe
 Qvar 50
 Qvar 50 Autohaler
 Qvar 50 Easi-Breathe
 Seretide 100 Accuhaler
 Seretide 125 Evohaler
 Seretide 250 Accuhaler
 Seretide 250 Evohaler
 Seretide 50 Evohaler
 Seretide 500 Accuhaler
 Sintisone
 Solu-Cortef
 Solu-Medrone
 Symbicort 100/6 Turbohaler
 Symbicort 200/6 Turbohaler
 Symbicort 400/12 Turbohaler
 Triamcinolone
 Triamcinolone Acetonide

1.3.3) Patient has been prescribed one or more of following medication on two or more occasions in total from 01/09/2008:

| | |
|----|------------------------|
| c6 | Inhaled Cortiosteroids |
| fe | Systemic Steroids |

2) Patient has one or more of following read codes recorded since 01/03/2009:

| | |
|-------|---|
| 663d. | Emergency asthma admission since last appointment |
| 8H2P. | Emergency admission, asthma |

Children <5 with lower respiratory tract disease

Vaccinations Due: Influenza Only

Patient is under 5 years old on 31/03/2010 and has one or more of following read codes recorded:

Eir.. Palivizumab
H20.. Viral pneumonia
H200. Pneumonia due to adenovirus
H201. Pneumonia due to respiratory syncytial virus
H202. Pneumonia due to parainfluenza virus
H20y. Viral pneumonia NEC
H20y0 Severe acute respiratory syndrome
H20z. Viral pneumonia NOS
H21.. Lobar (pneumococcal) pneumonia
H22.. Other bacterial pneumonia
H220. Pneumonia due to klebsiella pneumoniae
H221. Pneumonia due to pseudomonas
H222. Pneumonia due to haemophilus influenzae
H223. Pneumonia due to streptococcus
H2230 Pneumonia due to streptococcus, group B
H224. Pneumonia due to staphylococcus
H22y. Pneumonia due to other specified bacteria
H22y0 Pneumonia due to escherichia coli
H22y1 Pneumonia due to proteus
H22y2 Pneumonia - Legionella
H22yX Pneumonia due to other aerobic gram-negative bacteria
H22yz Pneumonia due to bacteria NOS
H22z. Bacterial pneumonia NOS
H23.. Pneumonia due to other specified organisms
H230. Pneumonia due to Eaton's agent
H231. Pneumonia due to mycoplasma pneumoniae
H232. Pneumonia due to pleuropneumonia like organisms
H233. Chlamydial pneumonia
H23z. Pneumonia due to specified organism NOS
H24.. Pneumonia with infectious diseases EC
H240. Pneumonia with measles
H241. Pneumonia with cytomegalic inclusion disease
H242. Pneumonia with ornithosis
H243. Pneumonia with whooping cough
H244. Pneumonia with tularaemia
H245. Pneumonia with anthrax
H246. Pneumonia with aspergillosis
H247. Pneumonia with other systemic mycoses
H2470 Pneumonia with candidiasis
H2471 Pneumonia with coccidioidomycosis
H2472 Pneumonia with histoplasmosis
H247z Pneumonia with systemic mycosis NOS
H24y. Pneumonia with other infectious diseases EC
H24y0 Pneumonia with actinomycosis
H24y1 Pneumonia with nocardiasis
H24y2 Pneumonia with pneumocystis carinii
H24y3 Pneumonia with Q-fever

H24y4 Pneumonia with salmonellosis
H24y5 Pneumonia with toxoplasmosis
H24y6 Pneumonia with typhoid fever
H24y7 Pneumonia with varicella
H24yz Pneumonia with other infectious diseases EC NOS
H24z. Pneumonia with infectious diseases EC NOS
H25.. Bronchopneumonia due to unspecified organism
H26.. Pneumonia due to unspecified organism
H260. Lobar pneumonia due to unspecified organism
H2600 Lung consolidation
H261. Basal pneumonia due to unspecified organism
H262. Postoperative pneumonia
H263. Pneumonitis, unspecified
H270. Influenza with pneumonia
H2700 Influenza with bronchopneumonia
H2701 Influenza with pneumonia, influenza virus identified
H270z Influenza with pneumonia NOS
H28.. Atypical pneumonia
Q3170 Perinatal bronchopulmonary dysplasia
Q3171 Prematurity with interstitial pulmonary fibrosis

Children < 5 previously had pneumococcal disease

Vaccinations Due: Pneumococcal Only

Patient is under 5 on 31/03/2010 and has one or more of following read codes recorded:

- A382. Pneumococcal septicaemia
- G50z2 Acute pericarditis - pneumococcal
- G52y3 Septic myocarditis - pneumococcal
- H5109 Pneumococcal pleurisy
- H5110 Pneumococcal pleurisy with effusion
- J551. Pneumococcal peritonitis
- N0109 Pneumococcal arthritis and polyarthritis
- A3B2. Pneumococcal infection
- F001. Pneumococcal meningitis
- H21.. Lobar (pneumococcal) pneumonia

Children < 5 with respiratory conditions caused by aspiration

Vaccinations Due: Pneumococcal Only

Patient is under 5 on 31/03/2010 and has one or more of following read codes recorded:

- F10.. Cerebral degenerations usually manifest in childhood
- F100. Leucodystrophy
- F1000 Krabbe's disease
- F1001 Schulz's disease
- F1002 Pelizaeus-Merzbacher disease
- F1003 Metachromatic leucodystrophy
- F100z Leucodystrophy NOS
- F101. Cerebral lipidoses
- F1010 Jansky-Bielschowsky disease
- F1011 Kuf's disease
- F1012 Spielmeyer-Vogt (Batten) disease
- F1013 Tay-Sach's disease
- F1014 Gangliosidosis
- F1015 Retinal dystrophy in cerebroretinal lipidosis
- F1016 Sandhoff disease
- F101z Cerebral lipidoses NOS
- F102. Cerebral degeneration in lipidoses EC
- F1020 Cerebral degeneration in Gaucher's disease
- F1021 Cerebral degeneration in Niemann-Pick disease
- F102z Cerebral degeneration in lipidosis NOS
- F103. Cerebral degeneration in diseases EC
- F1030 Cerebral degeneration in Hunter's disease
- F1031 Cerebral degeneration in mucopolysaccharidoses
- F103z Cerebral degeneration in disease NOS
- F10y. Other cerebral degenerations in childhood
- F10y0 Alper's disease
- F10y1 Leigh's disease
- F10y2 PEHO syndrome
- F10yz Other cerebral degenerations in childhood NOS
- F10z. Childhood cerebral degenerations NOS
- F1370 Athetoid cerebral palsy
- F1y.. Hereditary and degenerative diseases of the CNS OS
- F1z.. Hereditary and degenerative diseases of the CNS NOS
- F23.. Congenital cerebral palsy
- F230. Congenital diplegia
- F2300 Congenital paraplegia
- F2301 Cerebral palsy with spastic diplegia
- F230z Congenital diplegia NOS
- F231. Congenital hemiplegia
- F232. Congenital quadriplegia
- F233. Congenital monoplegia
- F234. Infantile hemiplegia NOS
- F23y. Other congenital cerebral palsy
- F23y0 Ataxic infantile cerebral palsy
- F23y1 Flaccid infantile cerebral palsy
- F23y2 Spastic cerebral palsy
- F23y3 Dyskinetic cerebral palsy

F23y4 Ataxic diplegic cerebral palsy
 F23y5 Worster-Drought syndrome
 F23yz Other infantile cerebral palsy NOS
 F23z. Congenital cerebral palsy NOS
 F24.. Other paralytic syndromes
 F240. Quadriplegia
 F2400 Flaccid tetraplegia
 F2401 Spastic tetraplegia
 F241. Paraplegia
 F2410 Flaccid paraplegia
 F2411 Spastic paraplegia
 F242. Diplegia of upper limbs
 F243. Monoplegia of lower limb
 F244. Monoplegia of upper limb
 F245. Monoplegia unspecified
 F24y. Other specified paralytic syndromes
 F24y0 Progressive supranuclear palsy
 F24z. Paralysis NOS
 F281. Anoxic brain damage
 F2810 Persistent vegetative state
 F39.. Muscular dystrophies and other myopathies
 F390. Congenital hereditary muscular dystrophy
 F3900 Benign congenital myopathy
 F3901 Central core disease
 F3902 Centronuclear myopathy
 F3903 Myotubular myopathy
 F3904 Nemaline body disease
 F390z Congenital hereditary muscular dystrophy NOS
 F391. Hereditary progressive muscular dystrophy
 F3910 Duchenne muscular dystrophy
 F3911 Erb's muscular dystrophy
 F3912 Pelvic muscular dystrophy
 F3913 Other limb-girdle muscular dystrophy
 F3914 Facioscapulohumeral muscular dystrophy
 F3915 Distal (Gower's) muscular dystrophy
 F3916 Ocular muscular dystrophy
 F3917 Oculopharyngeal muscular dystrophy
 F3918 Becker muscular dystrophy
 F3919 Hauptmann-Thannhauser muscular dystrophy
 F391A Emery-Dreifuss muscular dystrophy
 F391y Other specified hereditary progressive muscular dystrophy
 F391z Hereditary progressive muscular dystrophy NOS
 F392. Myotonic disorders
 F3920 Dystrophia myotonica (Steinert's disease)
 F3921 Myotonia congenita (Thomsen's disease)
 F3922 Paramyotonia congenita (Eulenburg's disease)
 F3923 Infantile myotonia
 F392y Other specified myotonic disorder
 F392z Myotonic disorder NOS
 F39B. Muscular dystrophy
 H47.. Pneumonitis due to inhalation of solids or liquids
 H470. Pneumonitis due to inhalation of food or vomitus
 H4700 Pneumonitis due to inhalation of regurgitated food
 H4701 Pneumonitis due to inhalation of gastric secretions

H4702 Pneumonitis due to inhalation of milk
H4703 Pneumonitis due to inhalation of vomitus
H470z Pneumonitis due to inhalation of food or vomitus NOS
H471. Pneumonitis due to inhalation of oil or essence
H4710 Lipoid pneumonia (exogenous)
H471z Pneumonitis due to inhalation of oil or essence NOS
H472. Asp pneumonitis due to anaesthesia during labour and deliv
H47y. Pneumonitis due to inhalation of other solid or liquid
H47yz Pneumonitis due to inhalation of solid or liquid NOS
H47z. Pneumonitis due to inhalation of solid or liquid NOS

Carer

Vaccinations Due: Influenza Only

Patient has one or more of following read codes recorded without a subsequent 'no longer a carer' (918f.) read code:

| | |
|-------|--|
| 918a. | Carer of a person with substance misuse |
| 918A. | Carer |
| 918b. | Carer of a person with alcohol misuse |
| 918c. | Carer of a person with chronic disease |
| 918C. | Care Assistant |
| 918d. | Carer of a person with mental health problem |
| 918D. | Care manager |
| 918G. | Is a carer |
| 918H. | Primary carer |
| 918m. | Carer of a person with a terminal illness |
| 918W. | Carer of a person with learning disability |
| 918X. | Carer of a person with physical disability |
| 918Y. | Carer of a person with sensory impairment |

Poultry Worker

Vaccinations Due: Influenza Only

Patient has one or more of following read codes recorded:

| | |
|-------|------------------------|
| 06D7. | Manager - poultry farm |
| 0B3D. | Poultryman |
| 0C57. | Poultry dresser |