New GMS Contract QOF Implementation

Dataset and Business Rules

- Amendments – Version 27.0

Amendment History:

<table>
<thead>
<tr>
<th>Version</th>
<th>Date</th>
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<tbody>
<tr>
<td>1.0</td>
<td>31-October-2013</td>
<td>HSCIC – QOF Business Rules team</td>
</tr>
<tr>
<td>1.1</td>
<td>02-December-2013</td>
<td>Updates applied to the Asthma, CHD, COPD, Contraception, Diabetes Mellitus, Smoking and Stroke rulesets</td>
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</tbody>
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Dataset and Business Rules v27.0 – Amendments

Notes

This document is designed to help individuals working with the QOF rulesets establish the changes from version 26.0 to version 27.0. The Business Rules version 27.0 should be used to implement any amendments to software. *

Changes can be made to the register definitions and the cluster definitions these are described in the document under the different coding systems: Read V2 and CTV3

* For the following rulesets:

- Asthma
- Secondary Prevention of Coronary Heart Disease (CHD)
- Chronic Obstructive Pulmonary Disease (COPD)
- Contraception
- Diabetes Mellitus (DM)
- Smoking
- Stroke

version 27.1 should be used. This updated version was created due to changes to some of the registers/clusters within these rulesets. These changes are denoted in this document by the Φ symbol.
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  - Contraception

### Additional notes

- Data and Business Rules
- HSCIC – QOF
- Version No: 1.1
- Version Date: 02/12/2013

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**Read V2**

**CTV3**

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**Additional notes**

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**Version No**

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**Asthma**

**Patient Register**

**Read V2**

- Qualifying diagnostic codes (Asthma related drug treatment codes) status updated to include the below new code from the October 2013 Read Code release.
  - c19B. VERTINE 25micrograms CFC-free inhaler *

* Please note that this code is captured within the existing c19..% hierarchy therefore does not show separately in the cluster.

- Qualifying diagnostic codes (Asthma diagnosis codes) updated to include the below code for consistency with CTV3:
  - 173A. Exercise induced asthma Φ

Φ Change applied in v27.1 of the Asthma Business Rules

**CTV3**

- Qualifying diagnostic codes (Asthma related drug treatment codes) updated to **exclude** the below new code from the October 2013 Read Code release. This has been achieved by **excluding** the codes from the c31..% hierarchy.
  - l865. RINATEC 21micrograms nasal spray
  - l866. IPRATROPIUM BROMIDE 21micrograms nasal spray

**Code Clusters**

**Read V2**

- AST_COD (Asthma diagnosis codes) updated to include the below code for consistency with CTV3:
  - 173A. Exercise induced asthma Φ

Φ Change applied in v27.1 of the Asthma Business Rules
Atrial Fibrillation (AF)

Patient Register

Read V2

- Diagnostic codes (Atrial Fibrillation diagnosis codes) status updated to exclude the below new October 2013 Read Code release code.
  - G5736 Paroxysmal atrial flutter**

** This has been achieved by excluding the code from the G573.% hierarchy.

Code Clusters

Read V2

- AFIB_COD (Atrial fibrillation codes) updated to exclude the below new October 2013 Read Code release code.
  - G5736 Paroxysmal atrial flutter***

*** This has been achieved by excluding the code from the G573.% hierarchy.

CTV3

- WAR_COD (Warfarin prescription codes) updated to include the below new codes from the October 2013 Read Code release.
  - bs73. ELIQUIS 5mg tablets*
  - bs74. APIXABAN 5mg tablets*

* Please note that these codes are captured within the existing bs...% hierarchy therefore do not show separately in the cluster.
Blood Pressure

Code Clusters

Read V2

- BPEX_COD (BP recording exception codes) existing cluster (and associated date cluster - BPEX_DAT) added to the clinical data extraction criteria to allow exceptions for patients who refused to have their blood pressure taken.
  - 8I3Y. Blood pressure procedure refused

CTV3

- BPEX_COD (BP recording exception codes) existing cluster (and associated date cluster - BPEX_DAT) added to the clinical data extraction criteria to allow exceptions for patients who refused to have their blood pressure taken.
  - XaJkR Blood pressure procedure refused

Additional notes

- Indicator BP001, an addition to the denominator rules, new rule 3 added. Thus meaning all other rules move down by one position and renumbered existing rules accordingly. This new logic has been added to facilitate BPEX_COD.
  - If BPEX_DAT >= (REF_DAT – 12 months)
Cancer

Patient Register

Read V2

- Diagnostic codes updated to include the below new codes from the October 2013 Read Code release.
  - 68W24 Bowel scope (flexible sigmoidoscopy) screen: cancer detected
  - C184. Multiple endocrine neoplasia syndrome type 1

CTV3

- Diagnostic codes updated to include the below new code from the October 2013 Read Code release.
  - XaabR Bowel scope (flexible sigmoidoscopy) screen: cancer detected

Code Clusters

Read V2

- CAN_COD (Codes for relevant malignancies) updated to include the below new codes from the October 2013 Read Code release.
  - 68W24 Bowel scope (flexible sigmoidoscopy) screen: cancer detected
  - C184. Multiple endocrine neoplasia syndrome type 1

CTV3

- CAN_COD (Codes for relevant malignancies) updated to include the below new codes from the October 2013 Read Code release.
  - XaabR Bowel scope (flexible sigmoidoscopy) screen: cancer detected
**Cervical Screening**

**Code Clusters**

**Read V2**

- SMEAR_COD (Cervical smear codes) updated to include the below new codes from the October 2013 Read Code release.
  - 4K2Q. Cervical smear - human papillomavirus negative
  - 4K2R. Cervical smear - human papillomavirus positive
  - 4K2N. Cervical smear - ?endocervical type glandular neoplasia
  - 4K2P. Cervical smear - ?non-cervical type glandular neoplasia
  - 4K291 Cervical smear - borderline change in endocervical cells
  - 4K290 Cervical smear - borderline change in squamous cells
  - 4K2M. Crv smr - hi grade dyskaryosis? invasive squamous carcinoma
  - 4K2K. Cervical smear - high grade dyskaryosis (moderate)
  - 4K2J. Cervical smear - low grade dyskaryosis
  - 4K2L. Cervical smear - high grade dyskaryosis (severe)

**CTV3**

- SMEAR_COD (Cervical smear codes) updated to include the below new codes from the October 2013 Read Code release.
  - XaagX Cervical smear - human papillomavirus negative
  - XaagY Cervical smear - human papillomavirus positive
  - XaafO Cervical smear - ?endocervical type glandular neoplasia
  - XaafP Cervical smear - ?non-cervical type glandular neoplasia
  - XaaU6 Cervical smear - borderline change in endocervical cells
  - XaaU5 Cervical smear - borderline change in squamous cells
  - XaaFk Crv smr - hi grade dyskaryosis? invasive squamous carcinoma
  - XaafI Cervical smear - high grade dyskaryosis (moderate)
  - XaaU7 Cervical smear - low grade dyskaryosis
  - XaafJ Cervical smear - high grade dyskaryosis (severe)
Secondary Prevention of Coronary Heart Disease (CHD)

Code Clusters

Read V2

- XBB_COD (Beta-blocker contraindications: persistent) updated to include the codes shown below following query and discussion with clinical coder.
  - TJC00 Adverse Reaction to Practolol
  - TJC02 Adverse Reaction to Propranolol

- FLU_COD (Flu vaccination codes) updated to include the below new codes from the October 2013 Read Code release.
  - 65ED2 Seasonal influenza vaccination given while hospital inpt
  - 65ED1 Administration of first intranasal seasonal influenza vac Φ
  - 65ED3 Administration of second intranasal seasonal influenza vac Φ
  - 65E21 First intranasal seasonal flu vacc gvn by othr hlthcare prov Φ
  - 65E22 Second intranasal seasonal flu vacc gvn by othr hlthcare prov Φ

- FLU_COD (Flu vaccination codes) updated to include the below new codes from the October 2013 Read Code release.
  - n47F. OPTAFLU suspension for injection prefilled syringe 0.5mL*
  - n47G. INFLUVAC DESU suspension for injection prefilled syringe 0.5mL*

- FLU_COD (Flu vaccination codes) updated to include the below codes following enhanced service update.
  - 65EE. Administration of intranasal influenza vaccination Φ
  - 65EE0 Administration of first intranasal influenza vaccination Φ
  - 65EE1 Administration of second intranasal influenza vaccination Φ

- TXFLU_COD (Flu vaccine contraindications: expiring) updated to include the below new codes from the October 2013 Read Code release.
  - 9OX54 First intranasal seasonal influenza vaccination declined Φ
  - 9OX56 Second intranasal seasonal influenza vaccination declined Φ

- TXFLU_COD (Flu vaccine contraindications: expiring) updated to include the below codes following enhanced service update.
  - 9OX52 First intranasal influenza vaccination declined Φ
  - 9OX53 Second intranasal influenza vaccination declined Φ

* Please note that these codes are captured within the existing n47..% hierarchy therefore do not show separately in the cluster.

Φ Change applied in v27.1 of the Secondary Prevention of Coronary Heart Disease (CHD) Business Rules
CTV3

- XBB_COD (Beta-blocker contraindications: persistent) updated to include the codes shown below following query and discussion with clinical coder.
  - TJCO0 Adverse Reaction to Practolol
  - TJC02 Adverse Reaction to Propranolol

- XAII_COD (AII antagonist contraindications: persisting) updated to remove read codes shown below as the codes are listed twice in the cluster.
  - XaIzK Angiotensin II receptor antagonists causing adverse effects in therapeutic use
  - XaJ8W Personal history of angiotensin II receptor antagonist allergy

- FLU_COD (Flu vaccination codes) updated to include the below new codes from the October 2013 Read Code release.
  - XaaZp Seasonal influenza vaccination given while hospital inpt
  - Xaac3 Administration of first intranasal seasonal influenza vac φ
  - Xaac4 Administration of second intranasal seasonal influenza vac φ
  - Xaac7 First intranasal seasonal flu vacc gvn by othr hltcare prov φ
  - Xaac8 Second intranasal seasonal flu vacc gvn by othr hltcare prov φ

- FLU_COD (Flu vaccination codes) updated to include the below codes following enhanced service update.
  - Xaa9G Administration of intranasal influenza vaccination φ
  - XaaED Administration of first intranasal influenza vaccination φ
  - XaaEF Administration of second intranasal influenza vaccination φ

- TXFLU_COD (Flu vaccine contraindications: expiring) updated to include the below new codes from the October 2013 Read Code release.
  - XaadS First intranasal seasonal influenza vaccination declined φ
  - XaadU Second intranasal seasonal influenza vaccination declined φ

- TXFLU_COD (Flu vaccine contraindications: expiring) updated to include the below codes following enhanced service update.
  - XaadDp First intranasal influenza vaccination declined φ
  - XaadDq Second intranasal influenza vaccination declined φ

- WAR_COD (Warfarin prescription codes) updated to include the below new codes from the October 2013 Read Code release.
  - bs73 ELIQUIIS 5mg tablets**
  - bs74 APIXABAN 5mg tablets**

** Please note that these codes are captured within the existing bs...% hierarchy therefore does not show separately in the cluster.

Φ Change applied in v27.1 of the Secondary Prevention of Coronary Heart Disease (CHD) Business Rules
**Chronic Kidney Disease (CKD)**

**Code Clusters**

**CTV3**

- XAII_COD (AII antagonist contraindications: persisting) updated to remove read codes shown below as the codes are listed twice in the cluster.
  - XaIzK Angiotensin II receptor antagonists causing adverse effects in therapeutic use
  - XaJ8W Personal history of angiotensin II receptor antagonist allergy

**Additional notes**

- URINEEXEC_COD (Codes for declines to give urine specimen) updated to align with GPES files. Description of cluster has been changed from:
  - Codes for declines to give urine specimen
  - To:
  - Codes for declined to give urine specimen.
Chronic Obstructive Pulmonary Disease (COPD)

Code Clusters

Read V2

- FLU_COD (Flu vaccination codes) updated to include the below new codes from the October 2013 Read Code release.
  - 65ED2  Seasonal influenza vaccination given while hospital inpt
  - 65ED1  Administration of first intranasal seasonal influenza vac Φ
  - 65ED3  Administration of second intranasal seasonal influenza vac Φ
  - 65E21  First intranasal seasonal flu vacc gvn by othr hlthcare prov Φ
  - 65E22  Secnd intranasal seasonal flu vacc gvn by othr hlthcare prov Φ

- FLU_COD (Flu vaccination codes) updated to include the below new codes from the October 2013 Read Code release.
  - n47F. OPTAFLU suspension for injection prefilled syringe 0.5mL*
  - n47G. INFLUVAC DESU suspension for injection prefill syringe 0.5mL*

- FLU_COD (Flu vaccination codes) updated to include the below codes following enhanced service update.
  - 65EE.  Administration of intranasal influenza vaccination Φ
  - 65EE0  Administration of first intranasal influenza vaccination Φ
  - 65EE1  Administration of second intranasal influenza vaccination Φ

- TXFLU_COD (Flu vaccine contraindications: expiring) updated to include the below new codes from the October 2013 Read Code release.
  - 9OX54  First intranasal seasonal influenza vaccination declined Φ
  - 9OX56  Second intranasal seasonal influenza vaccination declined Φ

- TXFLU_COD (Flu vaccine contraindications: expiring) updated to include the below codes following enhanced service update.
  - 9OX52  First intranasal influenza vaccination declined Φ
  - 9OX53  Second intranasal influenza vaccination declined Φ

* Please note that these codes are captured within the existing bs...% hierarchy therefore do not show separately in the cluster.

Φ Change applied in v27.1 of the Chronic Obstructive Pulmonary Disease (COPD) Business Rules

CTV3

- FEV1_COD (codes for FEV1) updated to include the below new code from the October 2013 Read Code release.
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- Xaaaf  Forced expiratory vol 1 sec/forced expirator vol 6 sec ratio

- COPDSPIR_COD (Spirometry codes for COPD) updated to include the below new code from the October 2013 Read Code release.
  - XaaXF  Referral for spirometry reversibility testing

- FLU_COD (Flu vaccination codes) updated to include the below new codes from the October 2013 Read Code release.
  - XaaZp  Seasonal influenza vaccination given while hospital inpt
  - Xaac3  Administration of first intranasal seasonal influenza vac Φ
  - Xaac4  Administration of second intranasal seasonal influenza vac Φ
  - Xaac7  First intranasal seasonal flu vacc gvn by othr hlthcare prov Φ
  - Xaac8  Second intranasal seasonal flu vacc gvn by othr hlthcare prov Φ

- FLU_COD (Flu vaccination codes) updated to include the below codes following enhanced service update.
  - Xaa9G  Administration of intranasal influenza vaccination Φ
  - XaaED  Administration of first intranasal influenza vaccination Φ
  - XaaEF  Administration of second intranasal influenza vaccination Φ

- TXFLU_COD (Flu vaccine contraindications: expiring) updated to include the below new codes from the October 2013 Read Code release.
  - XaadS  First intranasal seasonal influenza vaccination declined Φ
  - XaadU  Second intranasal seasonal influenza vaccination declined Φ

- TXFLU_COD (Flu vaccine contraindications: expiring) updated to include the below codes following enhanced service update.
  - XaadP  First intranasal influenza vaccination declined Φ
  - XaadQ  Second intranasal influenza vaccination declined Φ

Φ Change applied in v27.1 of the Chronic Obstructive Pulmonary Disease (COPD) Business Rules
Cardio Vascular Disease – Primary Prevention (CVD PP)

Patient Register

Read V2

- Diagnosis codes (stroke diagnostic codes) updated to include the code shown below from the October 2013 read code release.
  - G619. Lobar cerebral haemorrhage

CTV3

- Diagnosis codes (PVD diagnostic codes) updated to remove the code shown below following query and discussion with clinical coder:
  - X205v Venous insufficiency of leg

- Diagnosis codes (stroke diagnostic codes) updated to remove the codes shown below as they already come out under X00D1% hierarchy:
  - Gyu63 Cerebral infarction due to unspecified occlusion or stenosis of cerebral arteries
  - Gyu64 Other cerebral infarction
**Contraception**

**Patient Register**

**Read V2**

- Qualifying diagnostic codes (Contraceptive Implant codes) updated to include the below code following query and discussion with clinical coder:
  - 61KA. Insertion of subcutaneous contraceptive

- Qualifying diagnostic code (IUD codes) updated to include the below codes following query and discussion with clinical code:
  - 615P. Intrauterine contraceptive device fitted by other healthcare provider
  - 615N. Intrauterine contraceptive device fitted by another GP practice

- Qualifying diagnostic codes (IUD/IUS Removal) updated to include the below new code from the October 2013 read code release:
  - SP03A Expulsion of intrauterine contraceptive device

- Qualifying diagnostic codes (IUD codes) updated to remove the code shown below following query and discussion with clinical coder:
  - 615P0 Hormone releasing IUCD fitted by other healthcare provider

- Qualifying diagnostic codes (IUS codes) updated to include the below new code from the October 2013 read code release:
  - 615P0 Hormone releasing IUCD fitted by other healthcare provider

- Qualifying diagnostic codes (Combined oral contraception) updated to include the below new codes from the October 2013 read code release:
  - g817. CIMIZT 30mcg/150mcg tablets*
  - g893. LIZINNA tablets*

- Qualifying diagnostic codes (Combined oral contraception codes) updated to include the below new codes from the October 2013 read code release:
  - gl... COMBINED ORAL CONTRACEPTIVE - ESTRADIOL
  - gl1.. NOMEGESTROL ACETATE (COMBINED ORAL CONTRACEPTIVE)
  - gl11. ZOELY 2.5mg/1.5mg tablets
  - gl12. NOMEGESTROL ACETATE+ESTRADIOL 2.5mg/1.5mg tablets

- Qualifying diagnostic codes (Contraceptive injectible codes) updated to include the below new codes from the October 2013 read code release:
  - ga37. SAYANA 104mg/0.65mL susp for injection prefilled syringe
  - ga38. MEDROXYPROGESTERONE ACET 104mg/0.65mL susp for injection pfs
• Qualifying diagnostic codes (Progestogen only oral contraception codes) updated to include the below new codes from the October 2013 read code release:
  
  o ga8E. DESOMONO 75micrograms tablets**
  o ga8F. ZELLETA 75micrograms tablets**

* Please note that these codes are captured within the existing g8...% hierarchy therefore do not show separately in the cluster.

** Please note that these codes are captured within the existing ga8..% hierarchy therefore does not show separately in the cluster.

Φ Change applied to v27.1 of the Contraception Business Rules. This code was originally added to the Qualifying diagnostic codes for IUD in v27 but following consultation it has been removed from this cluster and added to the Qualifying codes for IUS in v27.1.

CTV3

• Qualifying diagnostic codes (Contraceptive Implant) updated to include the below code following query and discussion with clinical coder:
  
  o 61KA. Insertion of subcutaneous contraceptive

• Qualifying diagnostic codes (IUD codes) updated to include the below codes following query and discussion with clinical code:
  
  o XaNws  Intrauterine contraceptive device fitted by other healthcare provider
  o XaMHr  Intrauterine contraceptive device fitted by another GP practice

• Qualifying diagnostic codes (IUD/IUS Removal) updated to include the below code for consistency with Read V2:
  
  o X407J  Expulsion intrauterine contraceptive device

• Qualifying diagnostic codes (IUD codes) updated to remove the code shown below following query and discussion with clinical coder:
  
  o Xaaff  Hormone releasing IUCD fitted by other healthcare provider Φ

• Qualifying diagnostic codes (IUS codes) updated to include the below new code from the October 2013 read code release:
  
  o Xaaff  Hormone releasing IUCD fitted by other healthcare provider Φ

• Qualifying diagnostic codes (Combined oral contraception codes) updated to include the below new codes from the October 2013 read code release:
  
  o gl...  COMBINED ORAL CONTRACEPTIVE - ESTRADIOL
  o gl1..  NOMEGESTROL ACETATE (COMBINED ORAL CONTRACEPTIVE)
  o gl11.  ZOELY 2.5mg/1.5mg tablets
  o gl12.  NOMEGESTROL ACETATE+ESTRADIOL 2.5mg/1.5mg tablets
Qualifying diagnostic codes (Progestogen only oral contraception codes) updated to include the below new codes from the October 2013 read code release:

- ga8C. CERELLE 75micrograms tablets***
- ga8D. AIZEA 75micrograms tablets***

*** Please note that these codes are captured within the existing ga8..% hierarchy therefore does not show separately in the cluster.

Φ Change applied to v27.1 of the Contraception Business Rules. This code was originally added to the Qualifying diagnostic codes for IUD in v27 but following consultation it has been removed from this cluster and added to the Qualifying codes for IUS in v27.1.

Code clusters

Read V2

- COC_COD (Combined oral contraception) updated to include the below new codes from the October 2013 Read Code release.
  - g817. CIMIZT 30mcg/150mcg tablets*
  - g893. LIZINNA tablets*

* Please note that these codes are captured within the existing g8...% hierarchy therefore does not show separately in the cluster.

- COC_COD (Combined oral contraception) updated to include the below new codes from the October 2013 Read Code release.
  - gl... COMBINED ORAL CONTRACEPTIVE - ESTRADIOL
  - gl1.. NOMEGESTROL ACETATE (COMBINED ORAL CONTRACEPTIVE)
  - gl11. ZOELY 2.5mg/1.5mg tablets
  - gl12. NOMEGESTROL ACETATE+ESTRADIOL 2.5mg/1.5mg tablets

- POC_COD (Progestogen only oral contraception) updated to include the below new codes from the October 2013 Read Code release.
  - ga8E. DESOMONO 75micrograms tablets***
  - ga8F. ZELLETA 75micrograms tablets***

** Please note that these codes are captured within the existing ga8..% hierarchy therefore does not show separately in the cluster.

- LARCADVEXC_COD (Long-acting reversible method of contraception advice exception codes) new cluster added including the associated date cluster - LARCADVEXC_DAT to facilitate new code released in October 2013.
  - 8If6r0 Advice about long acting reversible contraception not indicated
CTV3

- COC_COD (Combined oral contraception) updated to include the below new codes from the October 2013 Read Code release.
  - gl... COMBINED ORAL CONTRACEPTIVE - ESTRADIOL
  - gl1.. NOMEGESTROL ACETATE (COMBINED ORAL CONTRACEPTIVE)
  - gl11. ZOELY 2.5mg/1.5mg tablets
  - gl12. NOMEGESTROL ACETATE+ESTRADIOL 2.5mg/1.5mg tablets

- POC_COD (Progestogen only oral contraception) updated to include the below new codes from the October 2013 Read Code release.
  - ga8C. CERELLE 75micrograms tablets***
  - ga8D. AIZEA 75micrograms tablets***

** Please note that these codes are captured within the existing ga8..% hierarchy therefore does not show separately in the cluster.

- LARCADVEXC_COD (Long-acting reversible method of contraception advice exception codes) new cluster added including the associated date cluster - LARCADVEXC_DAT to facilitate new code released in October 2013.
  - XaaiE Advice about long acting reversible contraception not indicated

Additional notes

- Indicator CON002, an addition to the denominator rules, new rule 3 added meaning all the other rules move down by one position and are renumbered accordingly:
  - If LARCADVEXC_DAT >= (REF_DAT – 12 months)

- Indicator CON003 an addition to the denominator rules, new rule 5 added meaning all the other rules move down by one position and are renumbered accordingly:
  - If LARCADVEXC_DAT >= (REF_DAT – 12 months)
**Dementia**

There are no changes in version 27.0 of the Business Rules, which affect the Depression ruleset.
**Depression**

There are no changes in version 27.0 of the Business Rules, which affect the Depression ruleset.
Diabetes Mellitus (DM)

Code Clusters

Read V2

- **FLU_COD** (Flu vaccination codes) updated to include the below new codes from the October 2013 Read Code release.
  - 65ED2  Seasonal influenza vaccination given while hospital inpt
  - 65ED1  Administration of first intranasal seasonal influenza vac
  - 65ED3  Administration of second intranasal seasonal influenza vac
  - 65E21  First intranasal seasonal flu vacc gvn by othr hlthcare prov
  - 65E22  Secnd intranasal seasonal flu vacc gvn by othr hlthcare prov

- **FLU_COD** (Flu vaccination codes) updated to include the below new codes from the October 2013 Read Code release.
  - n47F. OPTAFLU suspension for injection prefilled syringe 0.5mL*
  - n47G. INFLUVAC DESU suspension for injection prefill syringe 0.5mL*

- **FLU_COD** (Flu vaccination codes) updated to include the below codes following enhanced service update.
  - 65EE.  Administration of intranasal influenza vaccination
  - 65EE0  Administration of first intranasal influenza vaccination
  - 65EE1  Administration of second intranasal influenza vaccination

- **TXFLU_COD** (Flu vaccine contraindications: expiring) updated to include the below new codes from the October 2013 Read Code release.
  - 9OX54  First intranasal seasonal influenza vaccination declined
  - 9OX56  Second intranasal seasonal influenza vaccination declined

- **TXFLU_COD** (Flu vaccine contraindications: expiring) updated to include the below codes following enhanced service update.
  - 9OX52  First intranasal influenza vaccination declined
  - 9OX53  Second intranasal influenza vaccination declined

- **DSEPNAEXC_COD** (Diabetes structured education programme not available codes) new cluster and associated date cluster (DSEPNAEXC_DAT) added to facilitate new codes released in October 2013 release.
  - 8I94.  Diabetes structured education programme not available

* Please note that these codes are captured within the existing n47..% hierarchy therefore does not show separately in the cluster.
Φ Change applied in v27.1 of the Diabetes Mellitus Business Rules

CTV3

- **XAII_COD** (AII antagonist contraindications: persisting) updated to remove the below existing Read Codes in the cluster as codes listed twice in cluster.
  - XAIzK Angiotensin II receptor antagonists causing adverse effects in therapeutic use
  - XAJ8W Personal history of angiotensin II receptor antagonist allergy

- **FLU_COD** (Flu vaccination codes) updated to include the below new codes from the October 2013 Read Code release.
  - XaaZp Seasonal influenza vaccination given while hospital inpt
  - Xaac3 Administration of first intranasal seasonal influenza vac Φ
  - Xaac4 Administration of second intranasal seasonal influenza vac Φ
  - Xaac7 First intranasal seasonal flu vac gvn by othr hltcared prov Φ
  - Xaac8 Second intranasal seasonal flu vac gvn by othr hltcared prov Φ

- **FLU_COD** (Flu vaccination codes) updated to include the below codes following enhanced service update.
  - Xaa9G Administration of intranasal influenza vaccination Φ
  - XaaED Administration of first intranasal influenza vaccination Φ
  - XaaEF Administration of second intranasal influenza vaccination Φ

- **TXFLU_COD** (Flu vaccine contraindications: expiring) updated to include the below new codes from the October 2013 Read Code release.
  - XaadS First intranasal seasonal influenza vaccination declined Φ
  - XaadU Second intranasal seasonal influenza vaccination declined Φ

- **TXFLU_COD** (Flu vaccine contraindications: expiring) updated to include the below codes following enhanced service update.
  - XaadP First intranasal influenza vaccination declined Φ
  - Xaadq Second intranasal influenza vaccination declined Φ

- **DSEPNAEXC_COD** (Diabetes structured education programme not available codes) new cluster and associated date cluster (DSEPNAEXC_DAT) added to facilitate new codes released in October 2013 release.
  - XaadP Diabetes structured education programme not available

Φ Change applied in v27.1 of the Diabetes Mellitus Business Rules

**Additional notes**
• Indicator DM014 an addition to the denominator rules, new rule 7 added meaning all the other rules move down by one position and are renumbered accordingly:
  o If DSEPNAEXC_DAT >= (REF_DAT – 12 months)

• URINEEXC_COD (Codes for declines to give urine specimen). Changed the description of the cluster (to align with GPES files) from:
  o Codes for declines to give urine specimen to:
  o Codes for declined to give urine specimen
**Epilepsy**

Patient Register

Read V2

- Diagnostic codes (Drug treatment for epilepsy) updated to include the below new codes from the October 2013 Read Code release.
  
  - d265. TAPCLOB 5mg/5mL oral suspension*
  - d266. CLOBAZAM 5mg/5mL oral suspension*
  - d267. TAPCLOB 10mg/5mL oral suspension*
  - d268. CLOBAZAM 10mg/5mL oral suspension*

* Please note that these codes are captured within the existing d26..% hierarchy therefore does not show separately in the cluster.

- Diagnostic codes (Drug treatment for epilepsy) updated to include the below new codes from the October 2013 Read Code release.
  
  - dnjA. GABAPENTIN 50mg/mL oral solution**
  - dno7. DESITREND 250mg/sachet granules**
  - dno8. DESITREND 500mg/sachet granules**
  - dno9. DESITREND 1g/sachet granules**
  - dnor. LEVETIRACETAM 1g/sachet granules**
  - dnos. LEVETIRACETAM 500mg/sachet granules**
  - dnot. LEVETIRACETAM 250mg/sachet granules**

** Please note that these codes are captured within the existing x000i% hierarchy therefore does not show separately in the cluster.
Heart Failure (HF)

Patient Register

Read V2

- Qualifying diagnostic codes (Codes for LVSD) updated to include the below new code from the October 2013 Read Code release.
  - G5yyD  Left ventricular cardiac dysfunction

CTV3

- Qualifying diagnostic codes (Codes for LVSD) updated to include the below new code from the October 2013 Read Code release.
  - Xaacj  Left ventricular cardiac dysfunction

Code Clusters

- XAII_COD (AII antagonist contraindications: persisting) updated to remove the existing codes below from the October 2013 Read Code release as codes listed twice in cluster.XaIzK  Angiotensin II receptor antagonists causing adverse effects in therapeutic use
  - XaJ8W  Personal history of angiotensin II receptor antagonist allergy

- ECOG_COD (Echocardiogram codes) updated to remove the existing XE0Eq% hierarchy which contains the following codes as these codes already come out under X77cC% hierarchy:
  - XE0Eq  Left ventriculogram
  - 79382  Angiocardiography of left side of heart NEC
Hypertension

There are no changes in version 27.0 of the Business Rules, which affect the Depression ruleset.
Learning Disabilities (LD)

Patient Register

Read V2

- Qualifying diagnostic codes (learning disability codes) updated to include the below new code from the October 2013 Read Code release.
  - Eu818 [X] Specific learning disability

CTV3

- Qualifying diagnostic codes (learning disability codes) updated to include the below new code from the October 2013 Read Code release.
  - XaaiS Specific learning difficulty

Code Clusters

Read V2

- LD_COD (learning disability codes) updated to include the below new code from the October 2013 Read Code release.
  - Eu818 [X] Specific learning disability

CTV3

- LD_COD (learning disability codes) updated to include the below new code from the October 2013 Read Code release.
  - XaaiS Specific learning difficulty

- TFT_COD (Codes for thyroid function tests) updated to remove the existing code below from the October 2013 Read Code release as code listed twice in cluster.
  - X772C T3 - Triiodothyronine uptake
Mental Health (MH)

Patient Register

CTV3

- Qualifying diagnostic codes (Psychosis, schizophrenia + bipolar affective disease) updated with the following codes to keep consistency with version 2.
  - E1124 Single major depressive episode, severe, with psychosis
  - E1134 Recurrent major depressive episodes, severe, with psychosis

Code Clusters

Read V2

- STRT_COD (Stroke diagnosis codes) updated to include the below new code from the October 2013 Read Code release.
  - G619. Lobar cerebral haemorrhage

- SMEAR_COD (Cervical smear codes) updated to include the below new codes from the October 2013 Read Code release.
  - 4K2Q. Cervical smear - human papillomavirus negative
  - 4K2R. Cervical smear - human papillomavirus positive
  - 4K2N. Cervical smear - ?endocervical type glandular neoplasia
  - 4K2P. Cervical smear - ?non-cervical type glandular neoplasia
  - 4K291 Cervical smear - borderline change in endocervical cells
  - 4K290 Cervical smear - borderline change in squamous cells
  - 4K2M. Crv smr - hi grade dyskaryosis? invasive squamous carcinoma
  - 4K2K. Cervical smear - high grade dyskaryosis (moderate)
  - 4K2J. Cervical smear - low grade dyskaryosis
  - 4K2L. Cervical smear - high grade dyskaryosis (severe)

CTV3

- PVD_COD (PVD diagnostic codes) updated to remove the existing code below following query and discussion with clinical coder.
  - X205v Venous insufficiency of leg

- STRT_COD (Stroke diagnosis codes) updated to remove the existing individual codes below as they already come out under X00D1% hierarchy.
  - Gyu63 Cerebral infarction due to unspecified occlusion or stenosis of cerebral arteries
  - Gyu64 Other cerebral infarction
• BMI_COD (BMI codes) updated to remove the existing individual code below, and also remove it from the exclusions so that it is automatically included under the 22K..% hierarchy.
  o X76CO Quetelet index

• SMEAR_COD (Cervical smear codes) updated to include the below new codes from the October 2013 Read Code release.
  o XaagX Cervical smear - human papillomavirus negative
  o XaagY Cervical smear - human papillomavirus positive
  o Xaafo Cervical smear - endocervical type glandular neoplasia
  o Xaafp Cervical smear - non-endocervical type glandular neoplasia
  o XaaU6 Cervical smear - borderline change in endocervical cells
  o XaaU5 Cervical smear - borderline change in squamous cells
  o Xaafk Cervical smear - high grade dyskaryosis? invasive squamous carcinoma
  o Xaafl Cervical smear - high grade dyskaryosis (moderate)
  o XaaU7 Cervical smear - low grade dyskaryosis
  o Xaafl Cervical smear - high grade dyskaryosis (severe)

• MH_COD (Psychosis, schizophrenia + bipolar affective disease codes) updated with the following codes for consistency with version 2.
  o E1124 Single major depressive episode, severe, with psychosis
  o E1134 Recurrent major depressive episodes, severe, with psychosis

• MH2_COD (Psychosis, schizophrenia + bipolar affective disease codes) updated with the following codes for consistency with version 2.
  o E1124 Single major depressive episode, severe, with psychosis
  o E1134 Recurrent major depressive episodes, severe, with psychosis
**Obesity**

There are no changes in version 27.0 of the Business Rules, which affect the Depression ruleset.
Osteoporosis: Secondary Prevention of Fragility Fractures

Code Clusters

Read V2

- BSA_COD (Bone sparing agent codes) updated to include the below new codes from the October 2013 Read Code release.
  - 8BPW. Denosumab therapy
  - 8BPX. Ibandronic acid therapy
  - 8BPZ. Parathyroid hormone therapy
  - 8BPY. Zoledronic acid therapy

CTV3

- BSA_COD (Bone sparing agent codes) updated to include the below new codes from the October 2013 Read Code release.
  - Xaagz Denosumab therapy
  - Xaah0 Ibandronic acid therapy
  - Xaah2 Parathyroid hormone therapy
  - Xaah1 Zoledronic acid therapy
Peripheral Arterial Disease (PAD)

Patient Register

CTV3

- Diagnostic codes (PAD diagnostic codes) updated to remove the code shown below following query and discussion with clinical coder:
  - X205v  Venous insufficiency of leg

Code Clusters

CTV3

- Diagnostic codes (PAD diagnostic codes) updated to remove the code shown below following query and discussion with clinical coder:
  - X205v  Venous insufficiency of leg

- WAR_COD (Warfarin prescription codes) updated to include the below new codes from the October 2013 Read Code release.
  - bs73.  ELIQUIS 5mg tablets*
  - bs74.  APIXABAN 5mg tablets*

* Please note that these codes are captured within the existing bs...% hierarchy therefore do not show separately in the cluster.
**Palliative Care (PC)**

There are no changes in version 27.0 of the Business Rules, which affect the Depression ruleset.
Rheumatoid Arthritis

Patient Register

Read V2

- Diagnostic codes (Rheumatoid arthritis codes) updated to remove the code shown below following query and discussion with clinical coder:
  - N0420 Rheumatic carditis*

*Note – this code is excluded from the existing N042.% hierarchy.

- Diagnostic codes (Rheumatoid arthritis codes) updated to include the codes shown below following query and discussion with clinical coder:
  - G5yA. Rheumatoid carditis
  - G5y8. Rheumatoid myocarditis

CTV3

- Diagnostic codes (Rheumatoid arthritis codes) updated to include the code shown below following query and discussion with clinical coder:
  - G5y8. Rheumatoid myocarditis

Code Clusters

Read V2

- RARTH_COD (Rheumatoid arthritis codes) updated to remove the below new code following query and discussion with clinical coder
  - N0420 Rheumatic carditis*

*Note – this code is excluded from the existing N042.% hierarchy

- RARTH_COD (Rheumatoid arthritis codes) updated to include the below codes following query and discussion with clinical coder
  - G5yA. Rheumatoid carditis
  - G5y8. Rheumatoid myocarditis
• STRT_COD (Stroke diagnosis codes) updated to include the below new code from the October 2013 read code release.
  o G619. Lobar cerebral haemorrhage

• BSA_COD (Bone sparing agent codes) updated to include the below new codes from the October 2013 read code release.
  o 8BPW. Denosumab therapy
  o 8BPX. Ibandronic acid therapy
  o 8BPZ. Parathyroid hormone therapy
  o 8BPY. Zoledronic acid therapy

CTV3

• RARTH_COD (Rheumatoid arthritis codes) updated to include the below code following query and discussion with clinical coder
  o G5y8. Rheumatoid myocarditis

• STRT_COD (Stroke diagnosis codes) updated to remove the existing individual codes below as they already come out under X00D1% hierarchy.
  o Gyu63 Cerebral infarction due to unspecified occlusion or stenosis of cerebral arteries
  o Gyu64 Other cerebral infarction

• BSA_COD (Bone sparing agent codes) updated to include the below new codes from the October 2013 read code release.
  o Xaagz Denosumab therapy
  o Xaah0 Ibandronic acid therapy
  o Xaah2 Parathyroid hormone therapy
  o Xaah1 Zoledronic acid therapy
Smoking

Patient Register

Read V2

- Diagnosis codes (Stroke disease codes) updated to include the below new code from the October 2013 Read Code release.
  - G619. Lobar cerebral haemorrhage

- Qualifying diagnostic codes (Asthma diagnosis codes) updated to include the below code for consistency with CTV3:
  - 173A. Exercise induced asthma

- Diagnosis codes (Asthma related drug treatment codes) updated to include the below new code from the October 2013 Read Code release.
  - c19B. VERTINE 25micrograms CFC-free inhaler*

  * Please note that this code is automatically captured within the existing c19..% hierarchy therefore does not show separately in the cluster.

  Φ Change applied in v27.1 of the Smoking Business Rules

CTV3

- Diagnosis codes (PAD codes) updated to remove the below code following query and discussion with clinical coder
  - X205v Venous insufficiency of leg

- Diagnosis codes (Stroke diagnosis codes) updated to remove the existing individual codes below as they already come out under X00D1% hierarchy.
  - Gyu63 Cerebral infarction due to unspecified occlusion or stenosis of cerebral arteries
  - Gyu64 Other cerebral infarction

- Diagnosis codes (Psychosis, schizophrenia + bipolar affective disease codes) updated to include the codes below for consistency with version 2.
  - E1124 Single major depressive episode, severe, with psychosis
  - E1134 Recurrent major depressive episodes, severe, with psychosis

- Diagnosis codes (Asthma-related drug treatment codes) updated to exclude the below new codes from the October 2013 read code release.
  - l865. RINATEC 21micrograms nasal spray***
**Code Clusters**

**Read V2**

- **STRT_COD** (Stroke diagnosis codes) updated to include the below new code from the October 2013 read code release.
  - G619. Lobar cerebral haemorrhage

- **ASTTRT_COD** (Asthma-related drug treatment codes) updated to include the below new code from the October 2013 read code release.
  - c19B. VERTINE 25micrograms CFC-free inhaler*

*Please note that this code is automatically captured within the existing c19..% hierarchy therefore does not show separately in the cluster.

- **AST_COD** (Asthma diagnosis codes) updated to include the below code for consistency with CTV3:
  - 173A. Exercise induced asthma Φ

- **PHARM_COD** (Pharmacotherapy) updated to include the codes below from the October 2013 read code release.
  - duB. NICOTINE 3
  - duB1. NIQUITIN STRIPS 2.5mg mint flm
  - duBz. NICOTINE 2.5mg oral film

- **HYP2_COD** (Hypertension diagnosis codes) updated to add new cluster below (and associated date cluster - HYP2_DAT) to get the latest diagnosis date and to ensure the correct resolved date is picked up.
  - G2...
  - G20..%
  - G24.. - G2z.. (Excluding G24z1, G2400, G2410, G27..)
  - Gyu2.
  - Gyu20

- **DM2_COD** (Codes for diabetes) updated to add existing cluster below (and associated date cluster – DM2_DAT) to get the latest diagnosis date and to ensure the correct resolved date is picked up.
- AST2_COD (Asthma diagnosis codes) updated to add new cluster below (and associated date cluster – AST2_DAT) to get the latest diagnosis date and to ensure the correct resolved date is picked up.
  - H33..%, H3120

- AST2_COD (Asthma diagnosis codes) updated to include the below code for consistency with CTV3:
  - 173A. Exercise induced asthma

Φ Change applied in v27.1 of the Asthma Business Rules

CTV3

- PAD_COD (Codes for Peripheral Arterial Disease) updated to remove the code below following query and discussion with clinical coder.
  - X205v Venous insufficiency of leg

- STRT_COD (Stroke diagnosis codes) updated to remove the existing individual codes below as they already come out under X00D1% hierarchy.
  - Gyu63 Cerebral infarction due to unspecified occlusion or stenosis of cerebral arteries
  - Gyu64 Other cerebral infarction

- ASTTRT_COD (Asthma-related drug treatment codes) updated to exclude the below individual codes from the October 2013 read code release
  - l865. RINATEC 21micrograms nasal spray***
  - l866. IPRATROPIUM BROMIDE 21micrograms nasal spray***

*** Please note that this code is excluded from the c31..% hierarchy

- PHARM_COD (Pharmacotherapy) updated to include the code below from the October 2013 read code release.
  - du7i. NIQUITIN PRE-QUIT 21mg/24 hours clear patches**

** Please note that this code is automatically captured within the existing du3..% hierarchy therefore does not show separately in the cluster.

- MH2_COD (Psychosis, schizophrenia + bipolar affective disease codes) updated to include the codes below for consistency with version 2.
  - E1124 Single major depressive episode, severe, with psychosis
  - E1134 Recurrent major depressive episodes, severe, with psychosis
• HYP2_COD (Hypertension diagnosis codes) updated to add new cluster below (and associated date cluster - HYP2_DAT) to get the latest diagnosis date, to ensure the correct resolved date is picked up.
  o XE0Ub
  o XE0Uc%
  o G24..% (excluding 61462, G2400, G2410, G24z1, Gyu21, L1282, Xa0kX)
  o G2...%
  o Xa0Cs
  o XSDSb, G202.
  o Xa3fQ, XaZWh, XaZbz, XaZWm

• DM2_COD (Codes for diabetes) updated to add existing cluster below (and associated date cluster – DM2_DAT) to get the latest diagnosis date and to ensure the correct resolved date is picked up.
  o C10.., XaOPu, XaOPT, X40J4% (Excluding L1805), X40J5% (Excluding L1806), X40J6, X40J1% (Excluding XSETI%, C11y0%), X40JG% (Excluding X40JK), C1010, C1011, C1030, C1031, XaIrF, X40JZ, XSETp, XM1Xk% X008t

• AST2_COD (Asthma diagnosis codes) updated to add new cluster below (and associated date cluster – AST2_DAT) to get the latest diagnosis date and to ensure the correct resolved date is picked up.
  o H33..% (excluding H44..%, H441., H440..%, X1025%, X1023, XaKdk, XaJFG) X1020

Additional Notes

• Qualifying criteria for HYPRES_COD (Codes for hypertension resolved ) updated to ensure the correct resolved date is picked up as below:
  o Qualifying criteria for HYPRES_COD changed from:
    
    Latest < (REF_DAT)
    AND > (HYP_DAT)

  to
    
    Latest < (REF_DAT)
    AND > (HYP2_DAT)

• Qualifying criteria for DMRES_COD (Codes for diabetes resolved) updated to ensure the correct resolved date is picked up as below:
  o Qualifying criteria for DMRES_COD changed from:
Latest < (REF_DAT)
AND > (DM_DAT)

To:

Latest < (REF_DAT)
AND > (DM2_DAT)

- Qualifying criteria for ASTRES_COD (Codes for asthma resolved) updated to ensure the correct resolved date is picked up as below:
  - Qualifying criteria for ASTRES_COD changed from:
    - Latest < (REF_DAT)
    AND > (AST_DAT)
  - To:
    - Latest < (REF_DAT)
    AND > (AST2_DAT)

- Indicator SMOK002 Denominator rule 1 changed to use the latest diagnosis date for hypertension, diabetes and asthma to bring the rule in line with the register logic.
  - SMOK002 Rule 1 changed to:
    - If (IHD_DAT ≠ Null)
    OR
    - If (PAD_DAT ≠ Null)
    OR
    - If (STRT_DAT ≠ Null)
    OR
    - If (COPD_DAT ≠ Null)
    OR
    - If (HYP2_DAT ≠ Null AND HYPRES_DAT = Null)
    OR
    - If (DM2_DAT ≠ Null AND DMRES_DAT = Null AND PAT_AGE >=17)
    OR
    - If (AST2_DAT ≠ Null AND ASTRES_DAT = Null AND ASTTRT_DAT ≠ Null AND PAT_AGE >=20)
    OR
    - If (CKD_DAT ≠ Null AND PAT_AGE >=18)
    OR
    - If (MH_DAT ≠ Null)
**Data and Business Rules – Amendments – Version 27.0**

<table>
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<th>Author</th>
<th>HSCIC – QOF Business Rules team</th>
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**Stroke**

**Patient Register**

**Read V2**

- Diagnosis codes (Stroke disease codes) updated to include the below new code from the October 2013 Read Code release.
  - G619. Lobar cerebral haemorrhage

**CTV3**

- Diagnosis codes (Stroke diagnosis codes) updated to remove the existing below individual codes as they already come out under X00D1% hierarchy.
  - Gy63 Cerebral infarction due to unspecified occlusion or stenosis of cerebral arteries
  - Gy64 Other cerebral infarction

**Code Clusters**

**Read V2**

- STRT_COD (Stroke diagnosis codes) updated to include the below new code from the October 2013 read code release.
  - G619. Lobar cerebral haemorrhage

- STRTIA_COD (Stroke and TIA codes) updated to include the below new code from the October 2013 read code release.
  - G619. Lobar cerebral haemorrhage

- FLU_COD (Flu vaccination codes) updated to include the below new codes from the October 2013 read code release.
  - 65ED2 Seasonal influenza vaccination given while hospital inpt
  - 65ED1 Administration of first intranasal seasonal influenza vac Φ
  - 65ED3 Administration of second intranasal seasonal influenza vac Φ
  - 65E21 First intranasal seasonal flu vacc gvn by othr hlthcare prov Φ
  - 65E22 Secnd intranasal seasonal flu vacc gvn by othr hlthcare prov Φ

- FLU_COD (Flu vaccination codes) updated to include the below new codes from the October 2013 read code release.
  - n47F. OPTAFLU suspension for injection prefilled syringe 0.5mL*
  - n47G. INFLUVAC DESU suspension for injection prefill syringe 0.5mL*
• FLU_COD (Flu vaccination codes) updated to include the below codes following enhanced service update.
  - 65EE  Administration of intranasal influenza vaccination
  - 65EE0  Administration of first intranasal influenza vaccination
  - 65EE1  Administration of second intranasal influenza vaccination

• TXFLU_COD (Flu vaccine contraindications: expiring) updated to include the below new codes from the October 2013 Read Code release.
  - 9OX54  First intranasal seasonal influenza vaccination declined
  - 9OX56  Second intranasal seasonal influenza vaccination declined

• TXFLU_COD (Flu vaccine contraindications: expiring) updated to include the below codes following enhanced service update.
  - 9OX52  First intranasal influenza vaccination declined
  - 9OX53  Second intranasal influenza vaccination declined

*Please note that this code is automatically captured within the existing n47..% hierarchy therefore does not show separately in the cluster.

Φ Change applied in v27.1 of the Stroke Business Rules

CTV3

• STRT_COD (Stroke diagnosis codes) updated to remove the existing individual codes below as they already come out under X00D1% hierarchy.
  - Gyu63  Cerebral infarction due to unspecified occlusion or stenosis of cerebral arteries
  - Gyu64  Other cerebral infarction

• STRT_TIA_COD (Stroke and TIA codes) updated to remove the existing individual codes below as they already come out under X00D1% hierarchy.
  - Gyu63  Cerebral infarction due to unspecified occlusion or stenosis of cerebral arteries
  - Gyu64  Other cerebral infarction

• OSTR_COD (Non-haemorrhagic stroke codes) updated to remove the existing individual codes below as they already come out under Xa0kZ% hierarchy.
  - Gyu63  Cerebral infarction due to unspecified occlusion or stenosis of cerebral arteries
  - Gyu64  Other cerebral infarction

• FLU_COD (Flu vaccination codes) updated to include the below new codes from the October 2013 read code release.
  - XaaZp  Seasonal influenza vaccination given while hospital inpt
Administration of first intranasal seasonal influenza vac Φ
Administration of second intranasal seasonal influenza vac Φ
First intranasal seasonal flu vacc gvn by othr hlthcare prov Φ
Secnd intranasal seasonal flu vacc gvn by othr hlthcare prov Φ

• FLU_COD (Flu vaccination codes) updated to include the below codes following enhanced service update.
  o Xaa9G Administration of intranasal influenza vaccination Φ
  o XaaED Administration of first intranasal influenza vaccination Φ
  o XaaEF Administration of second intranasal influenza vaccination Φ

• TXFLU_COD (Flu vaccine contraindications: expiring) updated to include the below new codes from the October 2013 Read Code release.
  o XaadS First intranasal seasonal influenza vaccination declined Φ
  o XaadU Second intranasal seasonal influenza vaccination declined Φ

• PXFLU_COD (Flu vaccine contraindications: expiring) updated to include the below codes following enhanced service update.
  o XaaDp First intranasal influenza vaccination declined Φ
  o XaaDq Second intranasal influenza vaccination declined Φ

• WAR_COD (Warfarin prescription codes) updated to include the below new codes from the October 2013 Read Code release.
  o bs73. ELIQUIS 5mg tablets**
  o bs74. APIXABAN 5mg tablets**

• SCAN_COD (MRI / CT scan codes) updated to include the below codes for consistency with Read V2:
  o 567. Computed tomography Φ
  o X700I Magnetic resonance imaging Φ

** Please note that this code is captured within the existing bs...% hierarchy therefore does not show separately in the cluster.

Φ Change applied in v27.1 of the Stroke Business Rules
Thyroid

Code Clusters

Read V2

- TFT_COD (Codes for thyroid function tests) updated to remove Code below as it is listed twice in cluster.
  - X772C T3 - Triiodothyronine uptake