

# New GMS Contract QOF Implementation

## Dataset and Business Rules

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## Amendments version 28.2

Amendment history:

Version	Date	Amendment History
0.1	04-September-2014	<b>Draft</b> - Summary of changes from V27.1 to Version 28.2 of the Northern Ireland QOF Business Rules

Data and Business Rules – Amendments – Version 28.2					
Author	MSDi /DHSSPS – Primary Care	Version No	28.2NI <b>DRAFT</b>	Version Date	04/09/2014

## **Dataset and Business Rules v28.2 – Amendments**

### **Notes:**

This document is designed to help individuals working with the QOF rulesets establish the changes from version 27.1 to version 28.2.

Changes have been made to the register definitions and cluster definitions. These are described in the document under the different coding systems: Read V2 and CTV3

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## **Asthma (AST)**

### **Patient Register**

#### **Read V2**

- Qualifying diagnostic codes (Asthma diagnosis codes) updated to **exclude** the below code following query and subsequent review. This has been achieved by excluding the code from the H33..% hierarchy.
  - H333. Acute exacerbation of asthma

#### **CTV3**

- Qualifying diagnostic codes (Asthma diagnosis codes) updated to **exclude** the below code following query and subsequent review. This has been achieved by excluding the code from the H33..% hierarchy.
  - Xa1hD Exacerbation of asthma

### **Code Clusters**

#### **Read V2**

- AST\_COD (Asthma diagnosis codes) updated to **exclude** the below code following query and subsequent review. This has been achieved by excluding the code from the H33..% hierarchy.
  - H333. Acute exacerbation of asthma
- SMOK\_COD (Smoking habit codes) updated to **exclude** the below code as it does not indicate whether the patient is a current smoker, ex-smoker or has never smoked. This has been achieved by excluding the code from the range 137X. - 137h.
  - 137g. Cigarette pack-years
- SMOK\_COD (Smoking habit codes) updated to **remove** the below code as it does not indicate whether the patient is a current smoker, ex-smoker or has never smoked.
  - 137n. Total time smoked

#### **CTV3**

- AST\_COD (Asthma diagnosis codes) updated to **exclude** the below code following query and subsequent discussion with clinical coder. This has been achieved by excluding the code from the H33..% hierarchy.
  - Xa1hD Exacerbation of asthma
- SMOK\_COD (Smoking habit codes) updated to **exclude** the below codes as they do not indicate whether the patient is a current smoker, ex-smoker or has never smoked. This has been achieved by excluding the codes from the Ub0oo% hierarchy.
  - XaIuQ Cigarette pack-years
  - Ub0p2 Total time smoked
  - Ub0p3 Total time smoked

## **Additional Notes**

- Deletion of the below note following a review of the ruleset as note relates to influenza indicators which this ruleset does not contain:

*The new GMS contract requires that influenza vaccinations should be given between 1<sup>st</sup> September and 31<sup>st</sup> March of any given contract year in order to qualify for the relevant indicators. Hence in the contract year 2004 – 2005 the relevant dates will be 1<sup>st</sup> September 2004 and 31<sup>st</sup> march 2005 inclusive. In this document these dates are expressed as variable parameters FLU\_COM and FLU\_END respectively. For the purposes of data extraction these variables will be required to be specified prior to processing the relevant rules.*



## **Atrial Fibrillation (AF)**

### **Indicator(s) renumbered/reworded**

#### **AF002 reworded**

Indicator AF002: The percentage of patients with atrial fibrillation in whom stroke risk has been assessed using the CHADS2 risk stratification scoring system in the preceding 15 months (excluding those whose previous CHADS2score is greater than 1).

*Amended to:*

Indicator AF002: The percentage of patients with atrial fibrillation in whom stroke risk has been assessed using the CHADS2 risk stratification scoring system in the preceding 3 years (excluding those whose previous CHADS2 score is greater than 1).

#### **AF003 becomes AF005**

Indicator AF003: In those patients with atrial fibrillation in whom there is a record of a CHADS2 score of 1 (latest in the preceding 15 months), the percentage of patients who are currently treated with anti-coagulation drug therapy or anti-platelet therapy.

*Amended to:*

Indicator AF005: In those patients with atrial fibrillation in whom there is a record of a CHADS2 score of 1 (latest in the preceding 3 years), the percentage of patients who are currently treated with anti-coagulation drug therapy or anti-platelet therapy.

### **Additional Notes**

- Indicator **AF002 denominator rule 1** changed from:

If CHAD\_DAT < (REF\_DAT – 15 months) AND

If CHAD\_VAL > 1

*To:*

If CHAD\_DAT < (REF\_DAT – 36 months) AND

If CHAD\_VAL > 1

- Indicator **AF002 denominator rule 2** changed from:

If CHAD\_DAT >= (REF\_DAT – 15 months)

*To:*

If CHAD\_DAT >= (REF\_DAT – 36 months)

- Indicator **AF005 denominator rule 1** changed from:

If CHAD\_VAL = 1 AND

If CHAD\_DAT >= (REF\_DAT – 15 months)

To:

If CHAD\_VAL = 1 AND

If CHAD\_DAT >= (REF\_DAT – 36 months)

Amendment to timeframe for the CHAD\_DAT to make consistent

- Additional Notes for denominator Rule 1 and 2 of Indicator AF002 amended to refer to 36 months rather than 15.
- Additional Notes for denominator Rule 1 of Indicator AF005 amended to refer to 36 months rather than 15.
- Deletion of the below note following a review of the ruleset as note relates to influenza indicators which this ruleset does not contain:

*The new GMS contract requires that influenza vaccinations should be given between 1<sup>st</sup> September and 31<sup>st</sup> March of any given contract year in order to qualify for the relevant indicators. Hence in the contract year 2004 – 2005 the relevant dates will be 1<sup>st</sup> September 2004 and 31<sup>st</sup> march 2005 inclusive. In this document these dates are expressed as variable parameters FLU\_COM and FLU\_END respectively. For the purposes of data extraction these variables will be required to be specified prior to processing the relevant rules.*

## **Blood Pressure**

### **Indicator(s) renumbered/reworded**

#### **BP001 becomes BP002**

Indicator BP001: The percentage of patients aged 40 or over who have a record of blood pressure measurement in the preceding 5 years.

*Amended to:*

Indicator BP002: The percentage of patients aged 45 or over who have a record of blood pressure in the preceding 5 years.

### **Code Clusters**

#### **CTV3**

- BP\_COD (BP recording codes) – cluster string definition changed for clarity from:

X773t% (excluding XaI9f, XaI9g, X779b%, XaYai, XaYg8, XaYg9)  
246..% (excluding 2460., 2468., XaCFN, XaCFO, XaZvo, XaZxj)

*To:*

X773t% (excluding XaI9f, XaI9g, X779b, X779R, X779T, X779W, XaYai, XaYg8, XaYg9)  
246..% (excluding 2460., 2468., XaCFN, XaCFO, XaZvo, XaZxj)

This is to ensure that all instances of the below codes are excluded from the cluster:

- X779R Invasive systolic arterial pressure
- X779W Invasive mean arterial pressure
- X779T Invasive diastolic arterial pressure

### **Additional Notes**

- Indicator BP002 denominator Rule 1 changed from :

IF PAT\_AGE < 40

*To:*

IF PAT\_AGE < 45

- Indicator BP002 denominator Rule 3 changed from:

IF BPEX\_DAT >= (REF\_DAT – 15 months)

*To:*

IF BPEX\_DAT >= (REF\_DAT – 5 years)

- Deletion of the below note following a review of the ruleset as note relates to influenza indicators which this ruleset does not contain:

*The new GMS contract requires that influenza vaccinations should be given between 1<sup>st</sup> September and 31<sup>st</sup> March of any given contract year in order to qualify for the relevant*

*indicators. Hence in the contract year 2004 – 2005 the relevant dates will be 1<sup>st</sup> September 2004 and 31<sup>st</sup> march 2005 inclusive. In this document these dates are expressed as variable parameters FLU\_COM and FLU\_END respectively. For the purposes of data extraction these variables will be required to be specified prior to processing the relevant rules.*

## **Cancer**

### **Indicator(s) renumbered/reworded**

Indicator CAN002: The percentage of patients with cancer, diagnosed within the preceding 15 months, who have a patient review recorded as occurring within 3 months of the contractor receiving confirmation of the diagnosis.

*Amended to:*

Indicator CAN003: The percentage of patients with cancer, diagnosed within the preceding 15 months, who have a patient review recorded as occurring within 6 months of the contractor receiving confirmation of the diagnosis.

### **Patient Register**

#### **CTV3**

- Qualifying diagnostic codes cluster string definition changed for clarity from:

X78ef% (excluding X00Z9, XaYiK, Xa0KC%, X00Z6%),  
B62y.%, Xa0Dp%(excluding X78gs%, D41y1% Xa0l6%, Xa0SJ%, B934., X20FX, Xa0SY%,  
C332.%, C3330)  
XaabR  
THEN ADD  
B32..%, X00ZB

To:

X78ef% (excluding X00Z9 , XaYiK , Xa0KC% , X00Z6% , X78gs% , D41y1% , Xa0l6% , Xa0SJ% ,  
B934. , X20FX , Xa0SY% , C332.% , C3330 , X78ha , X78hm , X78hn , Xa0EY , X00ZC , B330. ,  
Xa34C , Xa34D) ,  
B62y.% , Xa0Dp% , XaabR ,  
THEN ADD  
B32..% , X00ZB , B691. , B582.

### **Code Clusters**

#### **CTV3**

- CAN\_COD (Codes for relevant malignancies) cluster string definition changed for clarity from:

X78ef% (excluding X00Z9, XaYiK, Xa0KC%, X00Z6%),  
B62y.%, Xa0Dp%(excluding X78gs%, D41y1% Xa0l6%, Xa0SJ%, B934., X20FX, Xa0SY%,  
C332.%, C3330)  
XaabR  
THEN ADD  
B32..%, X00ZB

To:

X78ef% (excluding X00Z9 , XaYiK , Xa0KC% , X00Z6% , X78gs% , D41y1% , Xa0l6% , Xa0SJ% ,  
B934. , X20FX , Xa0SY% , C332.% , C3330 , X78ha , X78hm , X78hn , Xa0EY , X00ZC , B330. ,  
Xa34C , Xa34D) ,  
B62y.% , Xa0Dp% , XaabR ,

THEN ADD  
B32..% , X00ZB , B691. , B582.

### **Additional Notes**

- Indicator CAN003 denominator Rule 2 changed from:

If MDRV\_DAT < (REF\_DAT – 12 months)

To:

If MDRV\_DAT < (REF\_DAT – 15 months)

- Indicator CAN003 denominator Rule 3 and numerator Rule 1 changed from:

If MDRV\_DAT <= (CAN\_DAT + 3 months)

To:

If MDRV\_DAT <= (CAN\_DAT + 6 months)

- Deletion of the below note following a review of the Ruleset as note relates to influenza indicators which this Ruleset does not contain:

*The new GMS contract requires that influenza vaccinations should be given between 1<sup>st</sup> September and 31<sup>st</sup> March of any given contract year in order to qualify for the relevant indicators. Hence in the contract year 2004 – 2005 the relevant dates will be 1<sup>st</sup> September 2004 and 31<sup>st</sup> march 2005 inclusive. In this document these dates are expressed as variable parameters FLU\_COM and FLU\_END respectively. For the purposes of data extraction these variables will be required to be specified prior to processing the relevant rules.*

## **Cervical Screening**

### **Code Clusters**

#### **Read V2**

- SMEAR\_COD (Cervical smear codes) updated to include the below code following query and subsequent discussion with clinical coder:
  - 4K55. Cervical cytology test

#### **CTV3**

- SMEAR\_COD (Cervical smear codes) updated to include the below code following query and subsequent discussion with clinical coder:
  - XaKd4 Cervical cytology test

### **Additional Notes**

- Deletion of the below note following a review of the Ruleset as note relates to influenza indicators which this Ruleset does not contain:

*The new GMS contract requires that influenza vaccinations should be given between 1<sup>st</sup> September and 31<sup>st</sup> March of any given contract year in order to qualify for the relevant indicators. Hence in the contract year 2004 – 2005 the relevant dates will be 1<sup>st</sup> September 2004 and 31<sup>st</sup> March 2005 inclusive. In this document these dates are expressed as variable parameters FLU\_COM and FLU\_END respectively. For the purposes of data extraction these variables will be required to be specified prior to processing the relevant rules.*

## **Secondary Prevention of Coronary Heart Disease (CHD)**

### **Indicator(s) renumbered/reworded**

#### **CHD004 becomes CHD007**

Indicator CHD004: The percentage of patients with coronary heart disease who have had influenza immunisation in the preceding 1 September to 31 March

*Amended to:*

Indicator CHD007: The percentage of patients with coronary heart disease who have had influenza immunisation in the preceding 1 August to 31 March

Indicator CHD004 renumbered to CHD007 and wording changed due to timescale change from 1 September – 31 March to 1 August – 31 March

#### **CHD003 updated**

Indicator CHD003: The percentage of patients with coronary heart disease whose last measured total cholesterol (measured in the preceding 15 months) is 5 mmol/l or less

*Amended to:*

Indicator CHD003: The percentage of patients with coronary heart disease whose last measured total cholesterol (measured in the preceding **3 years**) is 5 mmol/l or less

### **Code Clusters**

- FLU\_COD (Flu vaccination codes) updated to **remove** the below codes as codes were added for 2013/14 only for consistency with the enhanced service. Removed for 2014/15 as they don't specify seasonal:
  - 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 **remove** the below codes as Codes were added for 2013/14 only for consistency with the enhanced service. Removed for 2014/15 as they don't specify seasonal:
  - 90X52 First intranasal influenza vaccination declined
  - 90X53 Second intranasal influenza vaccination declined

### **CTV3**

- FLU\_COD (Flu vaccination codes) updated to **remove** the below codes as Codes were added for 2013/14 only for consistency with the enhanced service. Removed for 2014/15 as they don't specify seasonal:
  - Xaa9G Administration of intranasal influenza vaccination
  - XaaED Administration of first intranasal influenza vaccination
  - XaaEF Administration of second intranasal influenza vaccination



- TXFLU\_COD (Flu vaccine contraindications: expiring) updated to **remove** the below codes as codes were added for 2013/14 only for consistency with the enhanced service. Removed for 2014/15 as they don't specify seasonal:

- XaaDp First intranasal influenza vaccination declined
- XaaDq Second intranasal influenza vaccination declined

- BP\_COD (BP recording codes) – cluster string definition changed for clarity from:

X773t% (excluding XaI9f, XaI9g, X779b%, XaYai, XaYg8, XaYg9)  
246..% (excluding 2460.,2468., XaCFN, XaCFO, XaZvo, XaZxj)

*To:*

X773t% (excluding XaI9f, XaI9g, X779b, X779R, X779T, X779W, XaYai, XaYg8, XaYg9)  
246..% (excluding 2460., 2468., XaCFN, XaCFO, XaZvo, XaZxj)

This is to ensure that all instances of the below codes are excluded from the cluster:

- X779R Invasive systolic arterial pressure
- X779W Invasive mean arterial pressure
- X779T Invasive diastolic arterial pressure

## Additional Notes

- Indicator CHD003 denominator Rule 1 changed from :

If CHOL2\_VAL <=5 AND  
If CHOL2\_DAT >= (REF\_DAT – 15 months)

*To:*

If CHOL2\_VAL <=5 AND  
If CHOL2\_DAT >= (REF\_DAT – 36 months)

- Overview and Additional Notes for denominator Rule 2 of Indicator CHD006 amended to refer to anticoagulant rather than Warfarin.
- Change to introductory notes to reflect change in timespan for influenza indicators:

The new GMS contract requires that influenza vaccinations should be given between 1st September and 31st March of any given contract year in order to qualify for the relevant indicators. Hence in the contract year 2004 – 2005 the relevant dates will be 1st September 2004 and 31st March 2005 inclusive. In this document these dates are expressed as variable parameters FLU\_COM and FLU\_END respectively. For the purposes of data extraction these variables will be required to be specified prior to processing the relevant rules.

*To:*

The new GMS contract requires that influenza vaccinations should be given between 1st August and 31st March of any given contract year in order to qualify for the relevant indicators. Hence in the contract year 2014 – 2015 the relevant dates will be 1st **August** 2014 and 31st March 2015 inclusive. In this document these dates are expressed as variable parameters FLU\_COM and FLU\_END respectively. For the purposes of data extraction these variables will be required to be specified prior to processing the relevant rules.

## **Chronic Kidney Disease (CKD)**

The CKD ruleset has been retired from QOF so does not feature in v28.2.

## **Chronic Obstructive Pulmonary Disease (COPD)**

### **Indicator(s) renumbered/reworded**

#### **COPD006 becomes COPD007**

Indicator COPD006: The percentage of patients with COPD who have had influenza immunisation in the preceding 1 September to 31 March.

*Amended to:*

Indicator COPD007: The percentage of patients with COPD who have had influenza immunisation in the preceding 1 August to 31 March.

Indicator COPD006 renumbered to COPD007 and wording changed due to timescale change from 1 September – 31 March to 1 August – 31 March

#### **COPD004 reworded from:**

Indicator COPD004: The percentage of patients with COPD with a record of FEV1 in the preceding 15 months.

*To:*

Indicator COPD004: The percentage of patients with COPD with a record of FEV1 in the preceding 3 years.

### **Code Clusters**

#### **Read V2**

- FLU\_COD (Flu vaccination codes) updated to **remove** the below codes as codes were added for 2013/14 only for consistency with the enhanced service. Removed for 2014/15 as they don't specify seasonal:
  - 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 **remove** the below codes as Codes were added for 2013/14 only for consistency with the enhanced service. Removed for 2014/15 as they don't specify seasonal:
  - 90X52 First intranasal influenza vaccination declined
  - 90X53 Second intranasal influenza vaccination declined

#### **CTV3**

- FLU\_COD (Flu vaccination codes) updated to **remove** the below codes as Codes were added for 2013/14 only for consistency with the enhanced service. Removed for 2014/15 as they don't specify seasonal:
  - Xaa9G Administration of intranasal influenza vaccination
  - XaaED Administration of first intranasal influenza vaccination
  - XaaEF Administration of second intranasal influenza vaccination

- TXFLU\_COD (Flu vaccine contraindications: expiring) updated to **remove** the below codes as codes were added for 2013/14 only for consistency with the enhanced service. Removed for 2014/15 as they don't specify seasonal:
  - XaaDp First intranasal influenza vaccination declined
  - XaaDq Second intranasal influenza vaccination declined

### **Additional Notes**

- Indicator COPD004 Denominator Rule 1 and Numerator rule 1 changed from :

If FEV1\_DAT >= (REF\_DAT – 15 months)

*To:*

If FEV1\_DAT >= (REF\_DAT – 36 months)

- Change to introductory notes to reflect change in timespan for influenza indicators:

The new GMS contract requires that influenza vaccinations should be given between 1st September and 31st March of any given contract year in order to qualify for the relevant indicators. Hence in the contract year 2004 – 2005 the relevant dates will be 1st September 2004 and 31st March 2005 inclusive. In this document these dates are expressed as variable parameters FLU\_COM and FLU\_END respectively. For the purposes of data extraction these variables will be required to be specified prior to processing the relevant rules.

*Amended to:*

The new GMS contract requires that influenza vaccinations should be given between 1st August and 31st March of any given contract year in order to qualify for the relevant indicators. Hence in the contract year 2014 – 2015 the relevant dates will be 1st **August** 2014 and 31st March 2015 inclusive. In this document these dates are expressed as variable parameters FLU\_COM and FLU\_END respectively. For the purposes of data extraction these variables will be required to be specified prior to processing the relevant rules.

## **Cardio Vascular Disease – Primary Prevention (CVD PP)**

### **Indicator(s) renumbered/reworded**

Both indicators have been extensively edited with this update:

#### **CVD-PP001**

Indicator CVD-PP001: In those patients with a new diagnosis of hypertension aged 30 or over and who have not attained the age of 75, recorded between the preceding 1 April to 31 March (excluding those with pre-existing CHD, diabetes, stroke and/or TIA), who have a recorded CVD risk assessment score (using an assessment tool agreed with the Regional Board) of  $\geq 20\%$  in the preceding 15 months: the percentage who are currently treated with statins.

*Changed to:*

Indicator CVD-PP001: The percentage of patients with a new diagnosis of hypertension recorded in the preceding 1 April to 31 March (excluding those with pre-existing CHD, diabetes, stroke and/or TIA) who are aged 30 or over and who have not attained the age of 75, who have a CVD risk assessment score recorded in the preceding 15 months.

#### **CVD-PP002**

Indicator CVD-PP002: The percentage of patients diagnosed with hypertension (diagnosed on or after 1 April 2009) who are given lifestyle advice in the preceding 15 months for: smoking cessation, safe alcohol consumption and healthy diet.

*Changed to:*

Indicator CVD-PP002: In those patients with a new diagnosis of hypertension recorded in the preceding 1 April to 31 March (excluding those with pre-existing CHD, diabetes, stroke and/or TIA) who are aged 30 or over and who have not attained the age of 75, who have a CVD risk assessment score recorded in the preceding 15 months of  $\geq 20\%$ : the percentage who are currently treated with statins.

### **Patient Register**

- Change made to the register (Qualifying Criteria for Hypertension) from:

Latest First or New episode  $\leq$  (REF\_DAT) AND  
 $\geq$  01.04.2009

To:

Latest First or New episode  $\leq$  (REF\_DAT) AND  
 $\geq$  01.04.14

#### **CTV3**

- Diagnostic codes (Diagnostic codes for diabetes mellitus) updated to include the below codes following guidance from NICE:
  - Xaagd Diabetes mellitus in remission \*\*
  - Xaage Type 1 diabetes mellitus in remission \*\*

- Xaagf Type 2 diabetes mellitus in remission \*\*

\*\* Please note that these codes have been added in as the Xaagd% hierarchy therefore do not show separately in the cluster.

## Code Clusters

- The following clusters have been included in this ruleset:
  - CVDASS3\_COD (All Cardio Vascular Risk Assessment codes) and associated date cluster. The inclusion of this cluster is for the purposes of CVD-PP001. The indicator is looking for the latest risk assessment. The two current clusters that deal with this refine the score to being  $\geq 20\%$  risk which the indicator does not require.
- The following clusters have been removed from this ruleset
  - CVDEXC\_COD (Cardio Vascular Disease Risk Assessment exception codes) and associated date cluster **removed**. The retirement of Indicator CVD-PP002 means that this cluster is no longer required.
  - LSADV\_COD (Lifestyle Advice codes) and associated date cluster **removed**. The changes to Indicator CVD-PP002 means that this cluster is no longer required.
- Change made to Qualifying Criteria for (HYP\_COD) Hypertension diagnosis codes from:

Latest First or New episode  $\leq$  (REF\_DAT) AND  $\geq$  01.04.2009

To:

Latest First or New episode  $\leq$  (REF\_DAT) AND  $\geq$  01.04.2014

## Additional Notes

- Deletion of the below note following a review of the Ruleset as note relates to influenza indicators which this Ruleset does not contain:

*The new GMS contract requires that influenza vaccinations should be given between 1<sup>st</sup> September and 31<sup>st</sup> March of any given contract year in order to qualify for the relevant indicators. Hence in the contract year 2004 – 2005 the relevant dates will be 1<sup>st</sup> September 2004 and 31<sup>st</sup> march 2005 inclusive. In this document these dates are expressed as variable parameters FLU\_COM and FLU\_END respectively. For the purposes of data extraction these variables will be required to be specified prior to processing the relevant rules.*

## Contraception

### Indicator(s) retired

Indicator CON002: The percentage of women, on the register, prescribed an oral or patch contraceptive method in the preceding 12 months who have also received information from the contractor about long acting reversible methods of contraception in the preceding 12 months.

### Indicator(s) renumbered/reworded

Indicator CON003: The percentage of women, on the register, prescribed emergency hormonal contraception one or more times in the preceding 12 months by the contractor who have received information from the contractor about long acting reversible methods of contraception at the time of or within 1 month of the prescription.

*Amended to:*

Indicator CON003: The percentage of women, on the register, prescribed emergency hormonal contraception one or more times in the preceding 12 months by the contractor who have received information from the contractor about long acting reversible methods of contraception in the preceding 3 years.

### Code clusters

- The following clusters have been removed from this ruleset:
  - COC\_COD (Combined oral contraception) and associated date cluster **removed**. The retirement of indicator CON002 means that the cluster is no longer required.
  - POC\_COD (Progestogen only oral contraception) and associated date cluster **removed**. The retirement of indicator CON002 means that the cluster is no longer required.
  - CP\_COD (Contraceptive patch) and associated date cluster **removed**. The retirement of indicator CON002 means that the cluster is no longer required.
  - LARCADV2\_COD (Long-acting reversible method of contraception advice) and associated date cluster **removed**. The retirement of indicator CON002 means that the cluster is no longer required.
  - LARCVERB2\_COD (Long-acting reversible method of contraception VERBAL advice) and associated date cluster **removed**. The retirement of indicator CON002 means that the cluster is no longer required.
  - LARCWRIT2\_COD (Long-acting reversible method of contraception WRITTEN advice) and associated date cluster **removed**. The retirement of indicator CON002 means that the cluster is no longer required.

### Additional Notes

- Indicator CON003 Denominator Rule 3 and Numerator Rule 1 changed from:

If LARCADV\_DAT < (REF\_DAT – 12 months) OR  
If LARCVERB\_DAT < (REF\_DAT – 12 months) AND  
If LARCWRIT\_DAT < (REF\_DAT – 12 months)

*To:*

If LARCADV\_DAT < (REF\_DAT – 36 months) OR  
If LARCVERB\_DAT < (REF\_DAT – 36 months) AND  
If LARCWRIT\_DAT < (REF\_DAT – 36 months)

Due to the requirement changes of CON003

- Indicator CON003 Denominator rule 4 which was previously used to define LARC advice at the time or within one month of an EHC prescription has been replaced as this is no longer a requirement of the indicator.
- Deletion of the below note following a review of the Ruleset as note relates to influenza indicators which this Ruleset does not contain:

*The new GMS contract requires that influenza vaccinations should be given between 1<sup>st</sup> September and 31<sup>st</sup> March of any given contract year in order to qualify for the relevant indicators. Hence in the contract year 2004 – 2005 the relevant dates will be 1<sup>st</sup> September 2004 and 31<sup>st</sup> march 2005 inclusive. In this document these dates are expressed as variable parameters FLU\_COM and FLU\_END respectively. For the purposes of data extraction these variables will be required to be specified prior to processing the relevant rules.*



## **Dementia**

### **Patient Register**

#### **CTV3**

- Diagnostic codes for dementia amended following a review from:

X002w%  
Xa1GB% (excluding X003E%, X001T) Eu02.%,  
XE1Xt  
E00z.

To:

X002w%  
Xa1GB% (excluding X003E%, X001T) Eu02.%,  
XE1Xt,  
E00z.  
X003G

### **Code Clusters**

#### **Read V2**

- New cluster BLOODEXC\_COD (Codes for blood test declined) and associated date cluster added following release of new code and subsequent review with QOF stakeholders:
  - 41M.. Blood test declined

#### **CTV3**

- DEM\_COD (Codes for Dementia) cluster string amended following a review from:

X002w%  
Xa1GB% (excluding X003E%, X001T) Eu02.%,  
XE1Xt  
E00z.

To:

X002w%  
Xa1GB% (excluding X003E%, X001T) Eu02.%,  
XE1Xt,  
E00z.  
X003G

- New cluster BLOODEXC\_COD (Codes for blood test declined) and associated date cluster added following review with QOF stakeholders:
  - XaZOq Blood test declined

## Additional Notes

- Indicator DEM003 an addition to the denominator rules, new rule 6 added meaning all the other rules move down by one position and are renumbered accordingly:
  - If BLOODEXC\_DAT > (REF\_DAT – 15 months)
- Deletion of the below note following a review of the Ruleset as note relates to influenza indicators which this Ruleset does not contain:

*The new GMS contract requires that influenza vaccinations should be given between 1<sup>st</sup> September and 31<sup>st</sup> March of any given contract year in order to qualify for the relevant indicators. Hence in the contract year 2004 – 2005 the relevant dates will be 1<sup>st</sup> September 2004 and 31<sup>st</sup> march 2005 inclusive. In this document these dates are expressed as variable parameters FLU\_COM and FLU\_END respectively. For the purposes of data extraction these variables will be required to be specified prior to processing the relevant rules.*

## **Depression**

### **Indicator(s) retired**

Indicator DEP002: The percentage of patients aged 18 or over with a new diagnosis of depression in the preceding 1 April to 31 March, who have been reviewed not earlier than 10 days after and not later than 35 days after the date of diagnosis.

### **Indicator(s) renumbered/reworded**

Indicator DEP001: The percentage of patients aged 18 or over with a new diagnosis of depression in the preceding 1 April to 31 March, who have had a bio-psychosocial assessment by the point of diagnosis. The completion of the assessment is to be recorded on the same day as the diagnosis is recorded.

*Amended to:*

Indicator DEP001NI: The percentage of patients aged 18 or over with a new diagnosis of depression in the preceding 1 April to 31 March, who have had an assessment of the physical, psychological and social aspects of the condition by the point of diagnosis. The completion of the assessment is to be recorded on the same day as the diagnosis is recorded.

### **Patient Register**

- Change made to the time criteria of the register (Patient population with depression) from:

Latest First or New episode  $\geq$  01.04.2006 AND  $<$  (REF\_DAT)

*To:*

Latest First or New episode  $\geq$  01.04.2014 AND  $<$  (REF\_DAT)

### **Code clusters**

- The following clusters have been removed from this ruleset:
  - DEPRVW\_COD (Depression review codes) and associated date cluster **removed**. The retirement of indicator DEP002 means that the cluster is no longer required.

### **Additional Notes**

- Indicator DEP001 Denominator Rule 4 updated from:

If BIOPSYCEXC\_DAT  $\geq$  (REF\_DAT – 12 months)

*To:*

If BIOPSYCEXC\_DAT  $\geq$  (REF\_DAT – 15 months)

- Indicator DEP001 Denominator Rule 6 updated from:

If DEPEXC\_DAT  $\geq$  (REF\_DAT – 12 months)

*To:*

If DEPEXC\_DAT  $\geq$  (REF\_DAT – 15 months)

## **Diabetes Mellitus (DM)**

### **Indicator(s) retired**

Indicator DM011: The percentage of patients with diabetes, on the register, who have a record of retinal screening in the preceding 12 months

Indicator DM013: The percentage of patients with diabetes, on the register, who have a record of a dietary review by a suitably competent professional in the preceding 12 months

Indicator DM016: The percentage of male patients with diabetes, on the register, who have a record of erectile dysfunction with a record of advice and assessment of contributory factors and treatment options in the preceding 12 months

### **Indicator(s) renumbered/reworded**

#### **DM005**

Indicator DM005: The percentage of patients with diabetes, on the register, who have a record of an albumin: creatinine ratio test in the preceding 15 months.

*To:*

Indicator DM005: The percentage of patients with diabetes, on the register, who have a record of an albumin: creatinine ratio test in the preceding 3 years.

#### **DM010**

Indicator DM010: The percentage of patients with diabetes, on the register, who have had influenza immunisation in the preceding 1 September to 31 March.

*To:*

Indicator DM010: The percentage of patients with diabetes, on the register, who have had influenza immunisation in the preceding 1 August to 31 March.

#### **DM015**

Indicator DM015: The percentage of male patients with diabetes, on the register, with a record of being asked about erectile dysfunction in the preceding 15 months.

*To:*

Indicator DM015: The percentage of male patients with diabetes, on the register, with whom erectile dysfunction has been discussed. Where appropriate patients should have been offered advice / investigation / treatment.

## **Patient Register**

### **Read V2**

- Diagnostic codes (Diagnostic codes for diabetes mellitus) updated to include the below codes following guidance from NICE:
  - C10P. Diabetes mellitus in remission \*
  - C10P0 Type I diabetes mellitus in remission \*

- C10P1 Type II diabetes mellitus in remission \*

\* Please note that these codes have been added in as the C10P.% hierarchy therefore do not show separately in the cluster.

### CTV3

Diagnostic codes (Diagnostic codes for diabetes mellitus) updated to include the below codes following guidance from NICE:

- Xaagd Diabetes mellitus in remission \*\*
- Xaage Type 1 diabetes mellitus in remission \*\*
- Xaagf Type 2 diabetes mellitus in remission \*\*

\*\* Please note that these codes have been added in as the Xaagd% hierarchy therefore do not show separately in the cluster.

### Code Clusters

- The following clusters have been removed from this ruleset:
  - RET\_COD (Retinal screening codes) and associated date cluster **removed**. The retirement of Indicator DM011 means that this cluster is no longer required
  - RETEXC\_COD (Retinal screening exception codes) and associated date cluster **removed**. The retirement of Indicator DM011 means that this cluster is no longer required
  - DRV\_COD (Diabetic dietary review codes) and associated date cluster **removed**. The retirement of Indicator DM013 means that this cluster is no longer required
  - DRVEXC\_COD (Diabetic dietary review exception codes) and associated date cluster **removed**. The retirement of Indicator DM013 means that this cluster is no longer required
  - EDC1\_COD (Codes for complaining of erectile dysfunction) and associated date cluster **removed**. The retirement of Indicator DM016 means that this cluster is no longer required
  - DMAED\_COD (Codes for diabetic assessment of erectile dysfunction) and associated date cluster **removed**. The retirement of Indicator DM016 means that this cluster is no longer required

### Read V2

- DM\_COD (Codes for diabetes) updated to include the below codes following guidance from NICE:
  - C10P. Diabetes mellitus in remission \*
  - C10P0 Type I diabetes mellitus in remission \*
  - C10P1 Type II diabetes mellitus in remission \*

\* Please note that these codes have been added in as the C10P.% hierarchy therefore do not show separately in the cluster.

- FLU\_COD (Flu vaccination codes) updated to **remove** the below codes as codes were added in 2013/14 for consistency with Enhanced Service. Removed from QOF 2014/15 as code descriptions do not specify 'seasonal':

- 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 **remove** the below codes as codes were added in 2013/14 for consistency with Enhanced Service. Removed from QOF 2014/15 as code descriptions do not specify 'seasonal':
  - 90X52 First intranasal influenza vaccination declined
  - 90X53 Second intranasal influenza vaccination declined
- CHOL2\_COD (Total cholesterol codes with a value) updated to **remove** the below code as code following discussion with stakeholders to align with CHOL\_COD:
  - 662a. Pre-treatment serum cholesterol level
- New cluster CHOLEXC\_COD (Codes for cholesterol test declined) and associated date cluster added following review with QOF stakeholders:
  - 8I3w. Cholesterol test declined
- New cluster BLOODEXC\_COD (Codes for blood test declined) and associated date cluster added following release of new code and subsequent review with QOF stakeholders:
  - 41M.. Blood test declined

### CTV3

- DM\_COD (Codes for diabetes) updated to include the below codes following guidance from NICE:
  - Xaagd Diabetes mellitus in remission \*\*
  - Xaage Type 1 diabetes mellitus in remission \*\*
  - Xaagf Type 2 diabetes mellitus in remission \*\*

\*\* Please note that these codes have been added in as the Xaagd% hierarchy therefore do not show separately in the cluster.

- FLU\_COD (Flu vaccination codes) updated to **remove** the below codes as codes were added in 2013/14 for consistency with Enhanced Service. Removed from QOF 2014/15 as code descriptions do not specify 'seasonal':
  - Xaa9G Administration of intranasal influenza vaccination
  - XaaED Administration of first intranasal influenza vaccination
  - XaaEF Administration of second intranasal influenza vaccination
- TXFLU\_COD (Flu vaccine contraindications: expiring) updated to **remove** the below codes as codes were added in 2013/14 for consistency with Enhanced Service. Removed from QOF 2014/15 as code descriptions do not specify 'seasonal':
  - XaaDp First intranasal influenza vaccination declined
  - XaaDq Second intranasal influenza vaccination declined

- BP\_COD (BP recording codes) – cluster string definition changed for clarity from:

X773t%

(excluding XaI9f, XaI9g, X779b%, XaYai, XaYg8, XaYg9)

246..%

(excluding 2460.,2468., XaCFN, XaCFO, XaZvo, XaZxj)

*To:*

X773t%

(excluding XaI9f, XaI9g, X779b, X779R, X779T, X779W, XaYai, XaYg8, XaYg9)

246..%

(excluding 2460., 2468., XaCFN, XaCFO, XaZvo, XaZxj)

This is to ensure that all instances of the below codes are excluded from the cluster:

- X779R Invasive systolic arterial pressure
- X779W Invasive mean arterial pressure
- X779T Invasive diastolic arterial pressure
- CHOL2\_COD (Total cholesterol codes with a value) updated to **remove** the below code as code following discussion with stakeholders to align with CHOL\_COD:
  - XaIqd Pre-treatment serum cholesterol level
- New cluster CHOLEXC\_COD (Codes for cholesterol test declined) and associated date cluster added following review with QOF stakeholders:
  - XaLQd Cholesterol test declined
- New cluster BLOODEXC\_COD (Codes for blood test declined) and associated date cluster added following review with QOF stakeholders:
  - XaZOq Blood test declined

### Additional notes

- Indicator DM004 an addition to the denominator rules, new rule 2 added meaning all the other rules move down by one position and are renumbered accordingly:
  - If CHOLEXC\_DAT > (REF\_DAT – 15 months)
- Indicator DM004 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 BLOODEXC\_DAT > (REF\_DAT – 15 months)
- Indicator DM005 Denominator and Numerator rule 1 changed to match new three year timeframe from:

If MALT\_DAT >= (REF\_DAT – 15 months)

*To:*

If MALT\_DAT >= (REF\_DAT – 36 months)

- Indicator DM007 an addition to the denominator rules, new rule 2 added meaning all the other rules move down by one position and are renumbered accordingly:
  - If BLOODEXC\_DAT > (REF\_DAT – 15 months)
- Indicator DM008 an addition to the denominator rules, new rule 2 added meaning all the other rules move down by one position and are renumbered accordingly:
  - If BLOODEXC\_DAT > (REF\_DAT – 15 months)
- Indicator DM009 an addition to the denominator rules, new rule 2 added meaning all the other rules move down by one position and are renumbered accordingly:
  - If BLOODEXC\_DAT > (REF\_DAT – 15 months)
- Indicator DM014 removal of denominator rule 1, all other rules renumbered accordingly.
- Indicator DM014 Denominator Rule 5 timeframe updated from:
 

If DSEPEXC\_DAT >= (REF\_DAT – 15 months)

*To:*

If DSEPEXC\_DAT >= (REF\_DAT – 21 months)
- Indicator DM014 Denominator Rule 6 timeframe updated from:
 

If DSEPNAEXC\_DAT >= (REF\_DAT – 15 months)

*To:*

If DSEPNAEXC\_DAT >= (REF\_DAT – 21 months)
- Change to introductory notes to reflect change in timespan for influenza indicators:

The new GMS contract requires that influenza vaccinations should be given between 1st September and 31st March of any given contract year in order to qualify for the relevant indicators. Hence in the contract year 2004 – 2005 the relevant dates will be 1st September 2004 and 31st March 2005 inclusive. In this document these dates are expressed as variable parameters FLU\_COM and FLU\_END respectively. For the purposes of data extraction these variables will be required to be specified prior to processing the relevant rules.

*Amended to:*

The new GMS contract requires that influenza vaccinations should be given between 1st August and 31st March of any given contract year in order to qualify for the relevant indicators. Hence in the contract year 2014 – 2015 the relevant dates will be 1st **August** 2014 and 31st March 2015 inclusive. In this document these dates are expressed as variable parameters FLU\_COM and FLU\_END respectively. For the purposes of data extraction these variables will be required to be specified prior to processing the relevant rules.



## Epilepsy

### Indicator(s) retired

Indicator EP002: The percentage of patients aged 18 or over on drug treatment for epilepsy who have been seizure free for the last 12 months recorded in the preceding 15 months.

Indicator EP003: The percentage of women aged 18 or over and who have not attained the age of 55 who are taking antiepileptic drugs who have a record of information and counselling about contraception, conception and pregnancy in the preceding 15 months.

### Patient Register

#### CTV3

- Diagnostic codes for epilepsy amended following a review from:

F25..% (excluding X006g%, X006n, Q480.%, XaEIj%, Xa0IJ% X006G%, XaBM2)  
SC200  
THEN ADD F257.

*To:*

F25..% (excluding X006g%, X006n, Q480.%, Xa0IJ%, X006G%, XaBM2, X005w)  
SC200  
THEN ADD F257.

- Also **removed** the hierarchy XaEIj% from the **excluded** clause following query and subsequent discussion. A decision was made that these codes should be included.

### Code Clusters

- PAT\_ID (Patient ID number) **removed**. The retirement of Indicators EP002/EP003 means that this field is no longer required.
- REG\_DAT (Date of patient registration) **removed**. The retirement of Indicators EP002/EP003 means that this field is no longer required.
- PAT\_AGE (Patients age (years) at REF\_DAT) **removed**. The retirement of Indicators EP002/EP003 means that this field is no longer required.
- PAT\_SEX (Patient sex (gender) at REF\_DAT) **removed**. The retirement of Indicators EP002/EP003 means that this field is no longer required.
- The following clusters have been removed from this ruleset:
  - LSZ\_COD (Code for 'Seizure free > 12 months') and associated date cluster **removed**. The retirement of Indicator EP002 means that this cluster is no longer required
  - EPILEXC\_COD (Epilepsy exception reporting codes) and associated date cluster **removed**. The retirement of Indicators EP002 and EP003 means that this cluster is no longer required
  - MAXEP\_COD (Code for maximal anticonvulsant therapy) and associated date cluster **removed**. The retirement of Indicator EP002 means that this cluster is no longer required

- EPIL\_COD (Epilepsy diagnosis codes) and associated date cluster **removed**. The retirement of Indicators EP002 and EP003 means that this cluster is no longer required
- HYST2\_COD (Hysterectomy and equivalent codes) and associated date cluster **removed**. The retirement of Indicator EP003 means that this cluster is no longer required
- STERIL\_COD (Sterilisation codes) and associated date cluster **removed**. The retirement of Indicator EP003 means that this cluster is no longer required
- EPILCC\_COD (Contraceptive counselling codes) and associated date cluster **removed**. The retirement of Indicator EP003 means that this cluster is no longer required
- EPILPCA\_COD (Pre-conception advice codes) and associated date cluster **removed**. The retirement of Indicator EP003 means that this cluster is no longer required
- EPILPA\_COD (Pregnancy advice codes) and associated date cluster **removed**. The retirement of Indicator EP003 means that this cluster is no longer required
- EPILCCEXC\_COD (Contraceptive counselling inappropriate or declined exception codes) and associated date cluster **removed**. The retirement of Indicator EP003 means that this cluster is no longer required
- EPILPCAEXC\_COD (Pre-Conception advice inappropriate or declined exception codes) and associated date cluster **removed**. The retirement of Indicator EP003 means that this cluster is no longer required
- EPILPAEXC\_COD (Pregnancy advice inappropriate or declined exception codes) and associated date cluster **removed**. The retirement of Indicator EP003 means that this cluster is no longer required

## Additional notes

- Deletion of the below note following a review of the Ruleset as note relates to influenza indicators which this Ruleset does not contain:

*The new GMS contract requires that influenza vaccinations should be given between 1<sup>st</sup> September and 31<sup>st</sup> March of any given contract year in order to qualify for the relevant indicators. Hence in the contract year 2004 – 2005 the relevant dates will be 1<sup>st</sup> September 2004 and 31<sup>st</sup> March 2005 inclusive. In this document these dates are expressed as variable parameters FLU\_COM and FLU\_END respectively. For the purposes of data extraction these variables will be required to be specified prior to processing the relevant rules.*

## **Heart Failure (HF)**

### **Additional notes**

- Indicator HF002 Denominator Rule 2 and Numerator Rule 1 changed from:

If ECOG\_DAT <= (HF\_DAT + 12 months) AND  
If ECOG\_DAT >= (HF\_DAT - 3 months)

*To:*

If ECOG\_DAT <= (HF\_DAT + 15 months) AND  
If ECOG\_DAT >= (HF\_DAT - 3 months)

- Indicator HF002 Denominator Rule 5 changed from:

If ECEXC\_DAT <= (HF\_DAT + 12 months)

*To:*

If ECEXC\_DAT <= (HF\_DAT + 15 months)

- Deletion of the below note following a review of the Ruleset as note relates to influenza indicators which this Ruleset does not contain:

*The new GMS contract requires that influenza vaccinations should be given between 1<sup>st</sup> September and 31<sup>st</sup> March of any given contract year in order to qualify for the relevant indicators. Hence in the contract year 2004 – 2005 the relevant dates will be 1<sup>st</sup> September 2004 and 31<sup>st</sup> March 2005 inclusive. In this document these dates are expressed as variable parameters FLU\_COM and FLU\_END respectively. For the purposes of data extraction these variables will be required to be specified prior to processing the relevant rules.*

## Hypertension

### Indicator(s) renumbered/reworded

Indicator HYP002: The percentage of patients with hypertension in whom the last blood pressure reading (measured in the preceding 9 months) is 150/90 mmHg or less.

*Amended to:*

Indicator HYP002: The percentage of patients with hypertension in whom the last blood pressure reading (measured in the preceding 15 months) is 150/90 mmHg or less.

### Code Clusters

- PAT\_AGE (Patients age (years) at REF\_DAT **removed**. The retirement of Indicators HYP003/HYP004/HYP005 means that this field is no longer required.
- The following clusters have been removed from this ruleset:
  - GPPAQ\_COD (GPPAQ assessment of physical activity codes) and associated date cluster **removed**. The retirement of Indicator HYP004 means that this cluster is no longer required
  - LTA\_COD (GPPAQ less than active codes) and associated date cluster **removed**. The retirement of Indicator HYP005 means that this cluster is no longer required
  - EBI\_COD (Exercise brief intervention codes) and associated date cluster **removed**. The retirement of Indicator HYP005 means that this cluster is no longer required
  - EBIEXC\_COD (Exercise brief intervention exception reporting codes) and associated date cluster **removed**. The retirement of Indicator HYP005 means that this cluster is no longer required

### CTV3

- BP\_COD (BP recording codes) – cluster string definition changed for clarity from:

X773t% (excluding XaI9f, XaI9g, X779b%, XaYai, XaYg8, XaYg9)  
246..% (excluding 2460.,2468., XaCFN, XaCFO, XaZvo, XaZxj)

To:

X773t% (excluding XaI9f, XaI9g, X779b, X779R, X779T, X779W, XaYai, XaYg8, XaYg9)  
246..% (excluding 2460., 2468., XaCFN, XaCFO, XaZvo, XaZxj)

This is to ensure that all instances of the below codes are excluded from the cluster:

- X779R Invasive systolic arterial pressure
- X779W Invasive mean arterial pressure
- X779T Invasive diastolic arterial pressure

## Additional Notes

- Indicator HYP006 denominator Rule 1 and numerator Rule 1 changed from:

If BP\_SYS <= 150 AND  
If BP\_DIA <= 90 AND  
If BP\_DAT > (REF\_DAT – 9 months)

To:

If BP\_SYS <= 150 AND  
If BP\_DIA <= 90 AND  
If BP\_DAT > (REF\_DAT – 15 months)

- Deletion of the below note following a review of the Ruleset as note relates to influenza indicators which this Ruleset does not contain:

*The new GMS contract requires that influenza vaccinations should be given between 1<sup>st</sup> September and 31<sup>st</sup> March of any given contract year in order to qualify for the relevant indicators. Hence in the contract year 2004 – 2005 the relevant dates will be 1<sup>st</sup> September 2004 and 31<sup>st</sup> March 2005 inclusive. In this document these dates are expressed as variable parameters FLU\_COM and FLU\_END respectively. For the purposes of data extraction these variables will be required to be specified prior to processing the relevant rules.*

## Learning Disabilities (LD)

### Indicator(s) retired

Indicator LD002: The percentage of patients on the learning disability register with Down's Syndrome aged 18 or over who have a record of blood TSH in the preceding 15 months (excluding those who are on the thyroid disease register).

### Indicator(s) renumbered/reworded

Indicator LD001: The contractor establishes and maintains a register of patients aged 18 or over with learning disabilities

*Amended to:*

Indicator LD001: The contractor establishes and maintains a register of patients with learning disabilities

Indicator LD001 reworded to reflect removal of patient age criteria from register.

### Patient Register

- Change made to Learning Disability register to remove the age exclusion (Excluded Age < 18 yrs at REF\_DAT)

### Code Clusters

- PAT\_ID (Patient ID number) **removed**. The retirement of Indicator LD002 means that this field is no longer required.
- REG\_DAT (Date of patient registration) **removed**. The retirement of Indicator LD002 means that this field is no longer required.
- The following clusters have been removed from this ruleset:
  - LD\_COD (Learning Disability codes) and associated date cluster **removed**. The retirement of Indicator LD002 means that this cluster is no longer required
  - THY\_COD (Hypothyroidism diagnosis codes) and associated date cluster **removed**. The retirement of Indicator LD002 means that this cluster is no longer required
  - THYR\_COD (Hypothyroidism treatment codes) and associated date cluster **removed**. The retirement of Indicator LD002 means that this cluster is no longer required
  - LDEXC\_COD (Learning Disability exception reporting codes) and associated date cluster **removed**. The retirement of Indicator LD002 means that this cluster is no longer required
  - DS\_COD (Down's Syndrome codes) and associated date cluster **removed**. The retirement of Indicator LD002 means that this cluster is no longer required
  - TFT\_COD (Codes for thyroid function tests) and associated date cluster **removed**. The retirement of Indicator LD002 means that this cluster is no longer required

## **Mental Health (MH)**

### **Indicator(s) retired**

Indicator MH004: The percentage of patients aged 40 or over with schizophrenia, bipolar affective disorder and other psychoses who have a record of total cholesterol: hdl ratio in the preceding 15 months.

Indicator MH005: The percentage of patients aged 40 or over with schizophrenia, bipolar affective disorder and other psychoses who have a record of blood glucose or HbA1c in the preceding 15 months.

Indicator MH006: The percentage of patients with schizophrenia, bipolar affective disorder and other psychoses who have a record of BMI in the preceding 15 months.

### **Code Clusters**

- The following clusters have been removed from this ruleset:
  - HYP\_COD (Hypertension diagnosis codes) and associated date cluster **removed**. The retirement of Indicator MH004 means that this cluster is no longer required
  - HYPRES\_COD (Codes for hypertension resolved) and associated date cluster **removed**. The retirement of Indicator MH004 means that this cluster is no longer required
  - IHD\_COD (Ischaemic heart disease codes) and associated date cluster **removed**. The retirement of Indicator MH004 means that this cluster is no longer required
  - STRT\_COD (Stroke diagnosis codes) and associated date cluster **removed**. The retirement of Indicator MH004 means that this cluster is no longer required
  - DM\_COD (Codes for diabetes) and associated date cluster **removed**. The retirement of Indicators MH004 and MH005 means that this cluster is no longer required
  - DMRES\_COD (Codes for diabetes resolved) and associated date cluster **removed**. The retirement of Indicators MH004 and MH005 means that this cluster is no longer required
  - DM2\_COD (Codes for diabetes) and associated date cluster **removed**. The retirement of Indicators MH004 and MH005 means that this cluster is no longer required
  - PVD\_COD (PVD diagnostic codes) and associated date cluster **removed**. The retirement of Indicator MH004 means that this cluster is no longer required
  - FHYP\_COD (Familial Hypercholesterolemia diagnostic codes) and associated date cluster **removed**. The retirement of Indicator MH004 means that this cluster is no longer required
  - CKD\_COD (Chronic Kidney Disease 3-5 codes) and associated date cluster **removed**. The retirement of Indicator MH004 means that this cluster is no longer required
  - CKD1AND2\_COD (Chronic Kidney disease 1-2 codes) and associated date cluster **removed**. The retirement of Indicator MH004 means that this cluster is no longer required
  - GLUCEXC\_COD (Glucose test exception codes) and associated date cluster **removed**. The retirement of Indicator MH005 means that this cluster is no longer required.

- BMI\_COD (BMI codes) and associated date cluster **removed**. The retirement of Indicator MH006 means that this cluster is no longer required.
- TCHOLHDL\_COD (Total Cholesterol: HDL codes) and associated date cluster **removed**. The retirement of Indicator MH004 means that this cluster is no longer required.
- GLUC\_COD (Blood Glucose Level codes) and associated date cluster **removed**. The retirement of Indicator MH005 means that this cluster is no longer required.
- IFCCHBA\_COD (IFCC HbA1c codes) and associated date cluster **removed**. The retirement of Indicator MH005 means that this cluster is no longer required.

## Read V2

- SMEAR\_COD (Cervical smear codes) updated to include the below code following query and subsequent discussion with clinical coder:
  - 4K55. Cervical cytology test
- New cluster BLOODEXC\_COD (Codes for blood test declined) and associated date cluster added following release of new code and subsequent review with QOF stakeholders:
  - 41M.. Blood test declined

## CTV3

- SMEAR\_COD (Cervical smear codes) updated to include the below code following query and subsequent discussion with clinical coder:
  - XaKd4 Cervical cytology test
- BP\_COD (BP recording codes) – cluster string definition changed for clarity from:

X773t% (excluding XaI9f, XaI9g, X779b%, XaYai, XaYg8, XaYg9)

246..% (excluding 2460.,2468., XaCFN, XaCFO, XaZvo, XaZxj)

To:

X773t% (excluding XaI9f, XaI9g, X779b, X779R, X779T, X779W, XaYai, XaYg8, XaYg9)

246..% (excluding 2460., 2468., XaCFN, XaCFO, XaZvo, XaZxj)

This is to ensure that all instances of the below codes are excluded from the cluster:

- X779R Invasive systolic arterial pressure
- X779W Invasive mean arterial pressure
- X779T Invasive diastolic arterial pressure
- New cluster BLOODEXC\_COD (Codes for blood test declined) and associated date cluster added following review with QOF stakeholders:
  - XaZOq Blood test declined



## Additional notes

- Indicator MH009 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 BLOODEXC\_DAT > (REF\_DAT – 15 months)
- Indicator MH010 an addition to the denominator rules, new rule 4 added meaning all the other rules move down by one position and are renumbered accordingly:
  - If BLOODEXC\_DAT > (REF\_DAT – 15 months)
- Deletion of the below note following a review of the Ruleset as note relates to influenza indicators which this Ruleset does not contain:

*The new GMS contract requires that influenza vaccinations should be given between 1<sup>st</sup> September and 31<sup>st</sup> March of any given contract year in order to qualify for the relevant indicators. Hence in the contract year 2004 – 2005 the relevant dates will be 1<sup>st</sup> September 2004 and 31<sup>st</sup> March 2005 inclusive. In this document these dates are expressed as variable parameters FLU\_COM and FLU\_END respectively. For the purposes of data extraction these variables will be required to be specified prior to processing the relevant rules.*

## **Obesity**

There are no changes in version 28.2 of the Business Rules, which affect the Obesity ruleset.

## **Osteoporosis: Secondary Prevention of Fragility Fractures**

### **Indicator(s) renumbered/reworded**

#### **OST003 becomes OST005**

Indicator OST003: The percentage of patients aged 75 or over with a fragility fracture on or after 1 April 2012, who are currently treated with an appropriate bone-sparing agent

*Amended to:*

Indicator OST005: The percentage of patients aged 75 or over with a fragility fracture on or after 1 April 2012 who are currently treated with an appropriate bone-sparing agent

### **Patient Register**

- Register i) Patients aged 50 – 74 amended from:

(DXA codes) a DXA scan result with a T score value  
Required T score value < -2.5

*To:*

(DXA codes) a DXA scan result with a T score value  
Required T score value <= -2.5

Notes also updated to reflect this change.

### **Read V2**

- Osteoporosis codes cluster added to Register i) Patients aged 50 - 74:
  - N330. Osteoporosis
  - N3300 Osteoporosis, unspecified
  - N3301 Senile osteoporosis
  - N3302 Postmenopausal osteoporosis
  - N3303 Idiopathic osteoporosis
  - N3304 Disuse osteoporosis
  - N3306 Postophorectomy osteoporosis
  - N330B Vertebral osteoporosis
  - N330C Osteoporosis localized spine
  - N330z Osteoporosis NOS
  - N3305 Drug-induced osteoporosis
  - N3307 Postsurg malabsorp osteoporos
  - N330A Osteoporosis in endocr disord
  - N330D Osteoporos due corticosteroid
  - N3312 Postophorc osteopor+path frct
  - N3313 Osteopor of disuse + path frct
  - N3314 Postsur malab osteop+path frct
  - N3315 Drug-ind osteopor + path fract
  - N3316 Idiopath osteopor + path fract
  - N3746 Osteoporotic kyphosis
  - NyuB0 [X]Oth osteoporosis+patholog
  - NyuB1 [X]Other osteoporosis

- NyuB2 [X]Osteoporosis/oth disords CE
- NyuB8 [X]Unsp osteopor + pathol frac
- N3318 Osteopor path # lumb vertebrae
- N3319 Osteopor path # thor vertebrae
- N331A Osteopor path # cerv vertebrae
- N331B Postmenop osteopor+path fract
- N331H Collap cerv vert due to osteop
- N331J Collap lumb vert due to osteo
- N331K Coll thorac vert due osteopor
- N331L Collap vert due osteopor NOS
- N331M Fragility # unsp osteoporosis

### CTV3

- Osteoporosis codes cluster added to Register i) Patients aged 50 - 74:

- N330. Osteoporosis
- N3300 Osteoporosis, unspecified
- N3301 Senile osteoporosis
- N3302 Postmenopausal osteoporosis
- N3303 Idiopath general osteoporos
- N3304 Disuse osteoporosis
- N3305 Drug-induced osteoporosis
- N3306 Postoophorectomy osteoporosis
- N3307 Post-surg malabsorp osteoporos
- N330A Osteoporosis in endocr disord
- N330B Vertebral osteoporosis
- N330z Osteoporosis NOS
- N3312 Postoophorc osteopor+path frct
- N3313 Osteopor of disuse + path frct
- N3314 Postsur malab osteop+path frct
- N3315 Drug-ind osteopor + path fract
- N3316 Idiopath osteopor + path fract
- N3318 Osteopor + path frac lumb vert
- N3319 Osteopor with path # thor vert
- N331A Osteopor path # cerv vertebrae
- N331B Postmenop osteopor+path fract
- N3746 Osteoporotic kyphosis
- NyuB0 [X]Oth osteoporosis+patholog #
- NyuB1 [X]Other osteoporosis
- NyuB2 [X]Osteoporosis/oth disords CE
- NyuB8 [X]Unsp osteopor + pathol frac
- X70As Idiop osteopor in pregn
- X70At Adult idiopath gen osteoporos
- X70Av Second general osteoporosis
- X70CK Osteoporotic vertebra collapse
- XE1GA Localised disuse osteoporosis
- Xa0AZ Primary osteoporosis
- XaC12 Osteoporosis localis to spine
- XaD2s Collap cerv vert due to osteop
- XaD4I Collap lumb vert due to osteo
- XaD4J Coll thorac vert due osteopor
- XaD4K Collap vert due osteopor NOS
- XaIPp Fragility # unsp osteoporosis
- XaIP4 Osteoporos due corticosteroid

## Code Clusters

### Read V2

- New cluster BSAEXC\_COD (Bone sparing agent therapy not indicated) and associated date cluster added following review with QOF stakeholders:
  - 8I615 Bone sparing agent therapy not indicated \*

\* Please note that this code was released as part of the April 2014 Read Code release

### CTV3

- New cluster BSAEXC\_COD (Bone sparing agent therapy not indicated) and associated date cluster added following review with QOF stakeholders:
  - Xab9J Bone sparing agent therapy not indicated \*\*

\*\* Please note that this code was released as part of the April 2014 Read Code release

### Additional Notes

- Indicator OST002 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 BSAEXC\_DAT > (REF\_DAT – 15 months)
- Indicator OST005 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 BSAEXC\_DAT > (REF\_DAT – 15 months)
- Deletion of the below note following a review of the Ruleset as note relates to influenza indicators which this Ruleset does not contain:

*The new GMS contract requires that influenza vaccinations should be given between 1<sup>st</sup> September and 31<sup>st</sup> March of any given contract year in order to qualify for the relevant indicators. Hence in the contract year 2004 – 2005 the relevant dates will be 1<sup>st</sup> September 2004 and 31<sup>st</sup> March 2005 inclusive. In this document these dates are expressed as variable parameters FLU\_COM and FLU\_END respectively. For the purposes of data extraction these variables will be required to be specified prior to processing the relevant rules.*

## **Peripheral Arterial Disease (PAD)**

### **Indicator(s) renumbered/reworded**

Indicator PAD003: The percentage of patients with peripheral arterial disease in whom the last measured total cholesterol (measured in the preceding 12 months) is 5 mmol/l or less.

*Amended to:*

Indicator PAD003: The percentage of patients with peripheral arterial disease in whom the last measured total cholesterol (measured in the preceding **3 years**) is 5 mmol/l or less.

### **Code Clusters**

#### **CTV3**

- BP\_COD (BP recording codes) – cluster string definition changed for clarity from:

X773t% (excluding XaI9f, XaI9g, X779b%, XaYai, XaYg8, XaYg9)  
246..% (excluding 2460., 2468., XaCFN, XaCFO, XaZvo, XaZxj)

*To:*

X773t% (excluding XaI9f, XaI9g, X779b, X779R, X779T, X779W, XaYai, XaYg8, XaYg9)  
246..% (excluding 2460., 2468., XaCFN, XaCFO, XaZvo, XaZxj)

This is to ensure that all instances of the below codes are excluded from the cluster:

- X779R Invasive systolic arterial pressure
- X779W Invasive mean arterial pressure
- X779T Invasive diastolic arterial pressure

### **Additional Notes**

- Indicator PAD003 Denominator Rule 1 and Numerator Rule 1 updated to 3 year timeframe as shown above. Rule has therefore changed from:

If CHOL2\_VAL <= 5 AND  
If CHOL2\_DAT >= (REF\_DAT – 15 months)

*To:*

If CHOL2\_VAL <= 5 AND  
If CHOL2\_DAT >= (REF\_DAT – **36** months)

- Deletion of the below note following a review of the Ruleset as note relates to influenza indicators which this Ruleset does not contain:

*The new GMS contract requires that influenza vaccinations should be given between 1<sup>st</sup> September and 31<sup>st</sup> March of any given contract year in order to qualify for the relevant indicators. Hence in the contract year 2004 – 2005 the relevant dates will be 1<sup>st</sup> September 2004 and 31<sup>st</sup> march 2005 inclusive. In this document these dates are expressed as variable parameters FLU\_COM and FLU\_END respectively. For the purposes of data extraction these variables will be required to be specified prior to processing the relevant rules.*

## **Palliative Care (PC)**

There are no changes in version 28.2 of the Business Rules, which affect the Palliative Care ruleset.

## Rheumatoid Arthritis

### Indicator(s) renumbered/reworded

#### **RA003 reworded**

Indicator RA003: The percentage of patients with rheumatoid arthritis aged 30 or over and who have not attained the age of 85 who have had a cardiovascular risk assessment using a CVD risk assessment tool adjusted for RA in the preceding 15 months.

*Amended to:*

Indicator RA003: The percentage of patients with rheumatoid arthritis aged 30 or over and who have not attained the age of 85 who have had a cardiovascular risk assessment using a CVD risk assessment tool adjusted for RA in the preceding **3 years**.

#### **RA004 reworded**

Indicator RA004: The percentage of patients aged 50 or over and who have not attained the age of 91 with rheumatoid arthritis who have had an assessment of fracture risk using a risk assessment tool adjusted for RA in the preceding 27 months.

*Amended to:*

Indicator RA004: The percentage of patients aged 50 or over and who have not attained the age of 91 with rheumatoid arthritis who have had an assessment of fracture risk using a risk assessment tool adjusted for RA in the preceding **3 years**.

### **Additional Notes**

- Indicator RA003 Denominator Rule 4 and Numerator Rule 1 updated due to the new description of the indicator from:

If CVDASSRA\_DAT >= (REF\_DAT – 15 months)

*To:*

If CVDASSRA\_DAT >= (REF\_DAT – 3 years)

- Indicator RA004 Denominator Rule 3 updated due to new indicator description from:

If OSTEO\_DAT <= (REF\_DAT – 27 months) OR

If DXA\_DAT <= (REF\_DAT – 27 months) OR

If DXA2\_VAL < -2.5 OR

If BSA\_DAT ≠ Null

*To:*

If OSTEO\_DAT <= (REF\_DAT – 36 months) OR

If DXA\_DAT <= (REF\_DAT – 36 months) OR

If DXA2\_VAL < -2.5 OR

If BSA\_DAT ≠ Null

- Indicator RA004 Denominator Rule 4 and Numerator Rule 1 updated due to new indicator description from:

If FRCASSRA\_DAT >= (REF\_DAT – 27 months)



To:

If FRCASSRA\_DAT >= (REF\_DAT – 36 months)

- Indicator RA004 Denominator Rule 7 updated due to new indicator description from:

If RARTHEXC\_DAT >= (REF\_DAT – 15 months)

To:

If RARTHEXC\_DAT >= (REF\_DAT – 36 months)

- Deletion of the below note following a review of the Ruleset as note relates to influenza indicators which this Ruleset does not contain

*The new GMS contract requires that influenza vaccinations should be given between 1<sup>st</sup> September and 31<sup>st</sup> March of any given contract year in order to qualify for the relevant indicators. Hence in the contract year 2004 – 2005 the relevant dates will be 1<sup>st</sup> September 2004 and 31<sup>st</sup> march 2005 inclusive. In this document these dates are expressed as variable parameters FLU\_COM and FLU\_END respectively. For the purposes of data extraction these variables will be required to be specified prior to processing the relevant rules.*

## Smoking

### Indicator(s) retired

#### **SMOK002**

Indicator SMOK002: The percentage of patients with any or any combination of the following conditions: CHD, PAD, stroke or TIA, hypertension, diabetes, COPD, CKD, asthma, schizophrenia, bipolar affective disorder or other psychoses whose notes record smoking status in the preceding 15 months.

#### **SMOK004**

Indicator SMOK004: The percentage of patients aged 15 or over who are recorded as current smokers who have a record of an offer of support and treatment within the preceding 27 months.

#### **SMOK005**

Indicator SMOK005: The percentage of patients with any or any combination of the following conditions: CHD, PAD, stroke or TIA, hypertension, diabetes, COPD, CKD, asthma, schizophrenia, bipolar affective disorder or other psychoses who are recorded as current smokers who have a record of an offer of support and treatment within the preceding 15 months.

### Indicator(s) renumbered/reworded

#### **SMOK001**

Indicator SMOK001: The percentage of patients aged 15 or over whose notes record smoking status in the preceding 27 months.

*To:*

Indicator SMOK001: The percentage of patients aged 15 or over whose notes record smoking status in the preceding **3 years**.

### **Patient Register**

Due to the retirement of the 3 indicators, the diagnostic criteria for the register is now:

*Excluded* Age < 15 at REF\_DAT

All other diagnostic criteria pertaining to co-morbidity has been removed as it is no longer required.

### **Code Clusters**

- The following clusters have been removed from this ruleset:
  - IHD\_COD (Ischaemic Heart Disease codes) and associated date cluster **removed**. The retirement of Indicator SMOK002 means that this cluster is no longer required
  - STRT\_COD (Stroke or TIA codes) and associated date cluster **removed**. The retirement of Indicator SMOK002 means that this cluster is no longer required

- HYP\_COD (Hypertension diagnosis codes) and associated date cluster **removed**. The retirement of Indicator SMOK002 means that this cluster is no longer required
- HYP2\_COD (Hypertension diagnosis codes) and associated date cluster **removed**. The retirement of Indicator SMOK002 means that this cluster is no longer required
- HYPRES\_COD (Codes for Hypertension resolved) and associated date cluster **removed**. The retirement of Indicator SMOK002 means that this cluster is no longer required
- DM\_COD (Codes for diabetes) and associated date cluster **removed**. The retirement of Indicator SMOK002 means that this cluster is no longer required
- DM2\_COD (Codes for diabetes) and associated date cluster **removed**. The retirement of Indicator SMOK002 means that this cluster is no longer required
- DMRES\_COD (Codes for diabetes resolved) and associated date cluster **removed**. The retirement of Indicator SMOK002 means that this cluster is no longer required
- COPD\_COD (COPD Codes) and associated date cluster **removed**. The retirement of Indicator SMOK002 means that this cluster is no longer required
- AST\_COD (Asthma diagnosis codes) and associated date cluster **removed**. The retirement of Indicator SMOK002 means that this cluster is no longer required
- AST2\_COD (Asthma diagnosis codes) and associated date cluster **removed**. The retirement of Indicator SMOK002 means that this cluster is no longer required
- ASTRES\_COD (Codes for Asthma resolved) and associated date cluster **removed**. The retirement of Indicator SMOK002 means that this cluster is no longer required
- ASTTRT\_COD (Asthma related drug treatment codes) and associated date cluster **removed**. The retirement of Indicator SMOK002 means that this cluster is no longer required
- CKD\_COD (Chronic Kidney disease codes 3-5) and associated date cluster **removed**. The retirement of Indicator SMOK002 means that this cluster is no longer required
- MH\_COD (Psychosis, schizophrenia + bipolar affective disease codes) and associated date cluster **removed**. The retirement of Indicator SMOK002 means that this cluster is no longer required
- DIAG\_DAT (The earliest date of diagnosis for inclusion in the co-morbidity register) **removed**. The retirement of Indicators SMOK002 and SMOK005 means that this cluster is no longer required
- PAD\_COD (Codes for peripheral arterial disease) and associated date cluster **removed**. The retirement of Indicator SMOK002 means that this cluster is no longer required
- REFERSSSA\_COD (Support and refer for stop smoking service) and associated date cluster **removed**. The retirement of Indicators SMOK004 and SMOK005 means that this cluster is no longer required
- PHARM\_COD (Pharmacotherapy) and associated date cluster **removed**. The retirement of Indicators SMOK004 and SMOK005 means that this cluster is no longer required

## Read V2

- SMOK\_COD (Smoking habit codes) updated to **exclude** the below code as it does not indicate whether the patient is a current smoker, ex-smoker or has never smoked. This has been achieved by excluding the code from the range 137X. - 137h.
  - 137g. Cigarette pack-years
- SMOK\_COD (Smoking habit codes) updated to **remove** the below code as it does not indicate whether the patient is a current smoker, ex-smoker or has never smoked.
  - 137n. Total time smoked
- CSMOK\_COD (Current smoker codes) updated to include the below code as previously just listed in SMOK\_COD but was not categorised into one of the smoking status subsets:
  - 137.. Tobacco consumption
- LSMOK\_COD (Smoker codes) updated to include the below code as previously just listed in SMOK\_COD but was not categorised into one of the smoking status subsets:
  - 137.. Tobacco consumption

## CTV3

- SMOK\_COD (Smoking habit codes) updated to **exclude** the below codes as they do not indicate whether the patient is a current smoker, ex-smoker or has never smoked. This has been achieved by excluding the codes from the Ub0oo%hierarchy.
  - XaIuQ Cigarette pack-years
  - Ub0p2 Total time smoked
  - Ub0p3 Total time smoked
- CSMOK\_COD (Current smoker codes) updated to include the below codes as previously just listed in SMOK\_COD but was not categorised into one of the smoking status subsets:
  - XaLQh Wants to stop smoking
  - XaWNE Failed attempt to stop smoking
- CSMOK\_COD (Current smoker codes) updated to **exclude** the below code as it does not indicate whether the patient is a current smoker, ex-smoker or has never smoked. This has been achieved by excluding the code from the XE0og% hierarchy.
  - XE0oo Tobacco smoking consumption unknown
- LSMOK\_COD (Smoker codes) updated to include the below codes as previously just listed in SMOK\_COD but was not categorised into one of the smoking status subsets:
  - XaLQh Wants to stop smoking
  - XaWNE Failed attempt to stop smoking
- LSMOK\_COD (Smoker codes) updated to **exclude** the below code as it does not indicate whether the patient is a current smoker, ex-smoker or has never smoked. This has been achieved by excluding the code from the XE0og% hierarchy.
  - XE0oo Tobacco smoking consumption unknown

- EXSMOK\_COD (Codes for ex-smoker) updated to include the below code as previously just listed in SMOK\_COD but was not categorised into one of the smoking status subsets:
  - Ub0p1 Time since stopped smoking
- EXSMOK1\_COD (Codes for ex-smoker) updated to include the below code as previously just listed in SMOK\_COD but was not categorised into one of the smoking status subsets:
  - Ub0p1 Time since stopped smoking
- EXSMOK2\_COD (Codes for ex-smoker) updated to include the below code as previously just listed in SMOK\_COD but was not categorised into one of the smoking status subsets:
  - Ub0p1 Time since stopped smoking
- LEXSMOK\_COD (Codes for ex-smoker) updated to include the below code as previously just listed in SMOK\_COD but was not categorised into one of the smoking status subsets:
  - Ub0p1 Time since stopped smoking

### **Additional Notes**

- Indicator SMOK001 Denominator and Numerator Rule 1 updated due to new indicator description from:

If CSMOK\_DAT >= (REF\_DAT – 27 months)

To:

If CSMOK\_DAT >= (REF\_DAT – 36 months)

- Indicator SMOK001 Denominator and Numerator Rule 3 updated due to new indicator description from:

If PAT\_AGE <= 25 AND

NSMOK\_DAT >= (REF\_DAT – 27 months)

To:

If PAT\_AGE <= 25 AND

NSMOK\_DAT >= (REF\_DAT – 36 months)

- Indicator SMOK001 Denominator and Numerator Rule 4 updated due to new indicator description from:

If LEXSMOK\_COD ≠ Null AND

LEXSMOK\_DAT >= (REF\_DAT – 27 months)

To:

If LEXSMOK\_COD ≠ Null AND

LEXSMOK\_DAT >= (REF\_DAT – 36 months)

- Deletion of the below note following a review of the Ruleset as note relates to influenza indicators which this Ruleset does not contain:

*The new GMS contract requires that influenza vaccinations should be given between 1<sup>st</sup> September and 31<sup>st</sup> March of any given contract year in order to qualify for the relevant indicators. Hence in the contract year 2004 – 2005 the relevant dates will be 1<sup>st</sup> September 2004 and 31<sup>st</sup> March 2005 inclusive. In this document these dates are expressed as variable parameters FLU\_COM and FLU\_END respectively. For the purposes of data extraction these variables will be required to be specified prior to processing the relevant rules.*

## Stroke

### Indicator(s) renumbered/reworded

#### **STIA002 becomes STIA008**

Indicator STIA002: The percentage of patients with a stroke or TIA (diagnosed on or after 1 April 2008) who have a record of a referral for further investigation between 3 months before or 1 month after the date of the latest recorded stroke or TIA

*Amended to:*

Indicator STIA008: The percentage of patients with a stroke or TIA (diagnosed on or after 1 April 2008) who have a record of a referral for further investigation between 3 months before **and** 1 month after the date of the latest recorded stroke or the first TIA

#### **STIA006 becomes STIA009**

Indicator STIA006: The percentage of patients with stroke or TIA who have had influenza immunisation in the preceding 1 September to 31 March

*Amended to:*

Indicator STIA009: The percentage of patients with stroke or TIA who have had influenza immunisation in the preceding 1 **August** to 31 March

Indicator STIA006 renumbered to STIA009 and wording changed due to timescale change from 1 September – 31 March to 1 August – 31 March

#### **STIA004 reworded**

Indicator STIA004: The percentage of patients with stroke or TIA who have a record of total cholesterol in the preceding 15 months.

*Amended to:*

Indicator STIA004: The percentage of patients with stroke shown to be non-haemorrhagic, or a history of TIA who have a record of total cholesterol in the preceding **3 years**.

#### **STIA005 reworded**

Indicator STIA005: The percentage of patients with stroke shown to be non-haemorrhagic, or a history of TIA, whose last measured total cholesterol (measured in the preceding 15 months) is 5 mmol/l or less

*Amended to:*

Indicator STIA005: The percentage of patients with stroke shown to be non-haemorrhagic, or a history of TIA, whose last measured total cholesterol (measured in the preceding **3 years**) is 5 mmol/l or less

### **Code Clusters**

- The following clusters have been removed from this ruleset:
  - STRTIA\_COD (Stroke and TIA codes) and associated date cluster **removed**. The change to Indicator STIA008 means that this cluster is no longer required

- SCAN\_COD (MRI / CT scan codes) Qualifying Criteria changed from:

Earliest < (REF\_DAT) AND  
>= (STRTIA\_DAT – 3 months)

*To:*

Earliest < (REF\_DAT) AND  
>= (STRK\_DAT – 3 months OR TIA\_DAT – 3 months)

- SCEXC\_COD (Codes for MRI / CT declined) Qualifying Criteria changed from:

Earliest < (REF\_DAT) AND  
>= (STRTIA\_DAT)

*To:*

Earliest < (REF\_DAT) AND  
>= (STRK\_DAT OR TIA\_DAT)

## Read V2

- FLU\_COD (Flu vaccination codes) updated to **remove** the below codes as codes were added for 2013/14 only for consistency with the enhanced service. Removed for 2014/15 as they don't specify seasonal:
  - 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 **remove** the below codes as Codes were added for 2013/14 only for consistency with the enhanced service. Removed for 2014/15 as they don't specify seasonal:
  - 90X52 First intranasal influenza vaccination declined
  - 90X53 Second intranasal influenza vaccination declined
- New cluster STRK\_COD (Stroke diagnosis codes) and associated date cluster added following change to Indicator STIA008:
  - 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
  - G618. Intracerebrl haem,multip local
  - G619. Lobar cerebral haemorrhage
  - G61X. Intracer haem hemisph, unsp
  - G61X0 Left side intracereb haem unsp
  - G61X1 Right side intracer haem unsp
  - G61z. Intracerebral haemorrhage NOS
  - G63y0 Cerebr infct/throm/precere art
  - G63y1 Cerebr infct/embol/precere art

- G64.. Cerebral arterial occlusion
- G640. Cerebral thrombosis
- G6400 Cerebr infct/throm/cerebrl art
- G641. Cerebral embolism
- G6410 Cerebr infct/embol/cerebrl art
- G64z. Cerebral infarction NOS
- G64z0 Brainstem infarction
- G64z1 Wallenberg syndrome
- G64z2 Left sided cerebral infarction
- G64z3 Right sided cerebral infarct
- G64z4 Infarction of basal ganglia
- G66.. Stroke/CVA unspecified
- G660. Middle cerebral artery syndrm
- G661. Anterior cerebral artery syn
- G662. Posterior cerebral artery syn
- 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
- G6760 Cere infct/cere vn thrm,nonpyo
- G6W.. Cer inf,un oc/st precer art
- G6X.. Cereb in/uns oc,stn/cereb a
- Gyu62 [X]Oth intracerebrl h'morrhage
- Gyu63 [X]Cereb in/uns oc,stn/cereb a
- Gyu64 [X]Other cerebral infarction
- Gyu65 [X]Oc+steno/o precerebral artr
- Gyu66 [X]Oc+sten/o cerebral arteries
- Gyu6F [X]Intracer haem hemisph, unsp
- Gyu6G [X]Cer inf,un oc/st precer art

### CTV3

- FLU\_COD (Flu vaccination codes) updated to **remove** the below codes as codes were added for 2013/14 only for consistency with the enhanced service. Removed for 2014/15 as they don't specify seasonal:
  - Xaa9G Administration of intranasal influenza vaccination
  - XaaED Administration of first intranasal influenza vaccination
  - XaaEF Administration of second intranasal influenza vaccination
- TXFLU\_COD (Flu vaccine contraindications: expiring) updated to **remove** the below codes as codes were added for 2013/14 only for consistency with the enhanced service. Removed for 2014/15 as they don't specify seasonal:
  - XaaDp First intranasal influenza vaccination declined
  - XaaDq Second intranasal influenza vaccination declined
- BP\_COD (BP recording codes) – cluster string definition changed for clarity from:

X773t% (excluding XaI9f, XaI9g, X779b%, XaYai, XaYg8, XaYg9)  
 246..% (excluding 2460.,2468., XaCFN, XaCFO, XaZvo, XaZxj)

To:

X773t% (excluding XaI9f, XaI9g, X779b, X779R, X779T, X779W, XaYai, XaYg8, XaYg9)  
 246..% (excluding 2460., 2468., XaCFN, XaCFO, XaZvo, XaZxj)



This is to ensure that all instances of the below codes are excluded from the cluster:

- X779R Invasive systolic arterial pressure
- X779W Invasive mean arterial pressure
- X779T Invasive diastolic arterial pressure
- New cluster STRK\_COD (Stroke diagnosis codes) and associated date cluster added following change to Indicator STIA008:
  - 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
  - G618. Intracerebrl haem,multip local
  - G619. Lobar cerebral haemorrhage
  - G61X. Intracer haem hemisph, unsp
  - G61X0 Left side intracereb haem unsp
  - G61X1 Right side intracer haem unsp
  - G61z. Intracerebral haemorrhage NOS
  - G63y0 Cerebr infct/throm/precere art
  - G63y1 Cerebr infct/embol/precere art
  - G64.. Cerebral arterial occlusion
  - G640. Cerebral thrombosis
  - G6400 Cerebr infct/throm/cerebrl art
  - G641. Cerebral embolus
  - G6410 Cerebr infct/embol/cerebrl art
  - G64z. Infarct (& [cerebell] or [ce++
  - G66.. CVA - cerebrovascular accide++
  - G660. Middle cerebral artery syndrm
  - G661. Anterior cerebral artery syn
  - G662. Posterior cerebral artery syn
  - G663. Brainstem stroke syndrome
  - G664. Cerebellar stroke syndrome
  - G667. Lt cerebral hemisphere CVA
  - G668. Rt cerebral hemisphere CVA
  - G6760 Cere infct/cere vn thrm,nonpyo
  - Gyu62 [X]Oth intracerebrl h'morrhage
  - Gyu63 [X]Cereb in/uns oc,stn/cereb a
  - Gyu64 [X]Other cerebral infarction
  - Gyu65 [X]Oc+steno/o precerebral artr
  - Gyu66 [X]Oc+sten/o cerebral arteries
  - Gyu6F [X]Intracer haem hemisph, unsp
  - Gyu6G [X]Cer inf,un oc/st precer art
  - X00D1 Cerebrovascular accident
  - X00D3 CVA- cerebral artery occlusion
  - X00D4 Infarction - precerebral
  - X00D5 Ant cereb circulation infarct
  - X00D6 Total ant cereb circulat infar
  - X00D7 Part ant cerebral circul infar
  - X00D8 Post cerebral circulat infarct
  - X00D9 Brainstem infarction NOS
  - X00DA Lacunar infarction
  - X00DB Pure motor lacunar infarction

- X00DC Pure sensory lacunar infarct
- X00DD Pure sensorimotr lacun infarct
- X00DE Lacunar ataxic hemiparesis
- X00DF Dysarthria-clumsy hand syndr
- X00DG Multi-infarct state
- X00DI Haemorrhagic cerebral infarct
- X00DJ Ant cer circ haemorrhag infarc
- X00DK Post cer circ haemorrhag infar
- X00DL Massve supratent cereb haemorr
- X00DM Lobar cerebral haemorrhage
- X00DN Subcortic cerebral haemorrhage
- X00DO Thalamic haemorrhage
- X00DP Lacunar haemorrhage
- X00DQ Brainstem haemorrhage
- X00DR Stroke of uncertain pathology
- X00DS Ant circul stroke uncert path
- X00DT Post circul stroke uncert path
- XE0VF Cerebral parenchym haemorrhage
- XE0VJ Cerebral infarction NOS
- XE0X2 (Cereb infarc)(cerebrovas ac++
- XE2aB Stroke/CVA unspecified
- Xa00I Occipital cerebral infarction
- Xa00J Cerebellar infarction
- Xa00K Brainstem infarction
- Xa00L Benedict syndrome
- Xa00M Wallenberg syndrome
- Xa00N Foville syndrome
- Xa00O Millard-Gubler syndrome
- Xa00P Weber syndrome
- Xa00Q Claude syndrome
- Xa00R Top of basilar syndrome
- Xa0Bj Intracerebell post fossa haem
- Xa0kZ Cerebral infarction
- Xa1hE Extension of CVA
- Xa6YV Embolus of circle of Willis
- XaB4Z Multiple lacunar infarcts
- XaBEC Left sided cerebral infarction
- XaBED Right sided cerebral infarct
- XaBM4 Left side intracereb haem unsp
- XaBM5 Right side intracer haem unsp
- XaEGq Stroke NOS
- XaJgQ Infarction of basal ganglia
- XaQbK Pure motor lacunar syndrome
- XaQbM Pure sensory lacunar syndrome

## **Additional Notes**

Indicator STIA008 denominator Rule 1 changed from:

If STRTIA\_DAT >= 01.04.2008

*To:*

If STRK\_DAT >= 01.04.2008

OR

If TIA\_DAT >= 01.04.2008

- Indicator STIA008 denominator Rule 2 and numerator Rule 1 changed from:

If SCAN\_DAT <= (STRTIA\_DAT + 1 month)

*To:*

If SCAN\_DAT <= (STRK\_DAT + 1 month)

OR

If SCAN\_DAT <= (TIA\_DAT + 1 month)

- Indicator STIA008 denominator Rule 5 changed from:

If SCEXC\_DAT <= (STRTIA\_DAT + 1 month)

*To:*

If SCEXC\_DAT <= (STRK\_DAT + 1 month)

OR

If SCEXC\_DAT <= (TIA\_DAT + 1 month)

- Indicator STIA004 has an addition to the denominator rules, new rule 1 added meaning all the other rules move down by one position and are renumbered accordingly:

If OSTR\_COD = Null AND

If TIA\_COD = Null

Included as this indicator now looks for Non-haemorrhagic stroke or a history of TIA

- Indicator STIA004 Denominator Rule 2 (previously Rule 1) and Numerator Rule 1 updated due to indicator description change to show new timeframe from:

If CHOL\_DAT >= (REF\_DAT – 15 months)

*To:*

If CHOL\_DAT >= (REF\_DAT – 36 months)

- Indicator STIA004 has an addition to the Denominator rules, new rule 6:

If CHEXC\_COD ≠ Null OR

If TCHEXC\_DAT >= (REF\_DAT – 36 months)

- Indicator STIA005 Denominator Rule 2 and Numerator Rule 1 updated to reflect the change in timeframe for the indicator, from:

If CHOL2\_VAL <=5 AND

If CHOL2\_DAT >= (REF\_DAT – 15 months)

*To:*

If CHOL2\_VAL <=5 AND

If CHOL2\_DAT >= (REF\_DAT – 36 months)

- Indicator STIA005 Denominator Rule 6 updated from:

If CHEXC\_COD ≠ Null OR

If TCHEXC\_DAT >= (REF\_DAT – 15 months)

*To:*

If CHEXC\_COD  $\neq$  Null OR  
If TCHEXC\_DAT  $\geq$  (REF\_DAT – 36 months)

- Change to introductory notes to reflect change in timespan for influenza indicators:

The new GMS contract requires that influenza vaccinations should be given between 1st September and 31st March of any given contract year in order to qualify for the relevant indicators. Hence in the contract year 2004 – 2005 the relevant dates will be 1st September 2004 and 31st March 2005 inclusive. In this document these dates are expressed as variable parameters FLU\_COM and FLU\_END respectively. For the purposes of data extraction these variables will be required to be specified prior to processing the relevant rules.

*Amended to:*

The new GMS contract requires that influenza vaccinations should be given between 1st August and 31st March of any given contract year in order to qualify for the relevant indicators. Hence in the contract year 2014 – 2015 the relevant dates will be 1st **August** 2014 and 31st March 2015 inclusive. In this document these dates are expressed as variable parameters FLU\_COM and FLU\_END respectively. For the purposes of data extraction these variables will be required to be specified prior to processing the relevant rules.

## **Thyroid**

The Thyroid ruleset has been retired from QOF so does not feature in v28.2.