

Greenwich PCT - CVD Risk Assessment LES 2008/9

Data required for risk calculation

Greenwich PCT have a local enhanced service for this year 2008/9 which involves recording the creation of a register for all those patients with more than a 20% risk of CVD or a 15% risk of CHD within the next 20 years.

Some work that INPS did with Greenwich PCT last year identified that the data required to calculate this risk was not currently being collected by most practices.

INPS have written this audit which will allow practices to set reminders (see Setting a reminder on page 6) on patients where data is missing and do the preliminary work required before a risk can be calculated.

Audit Criteria

Version 3, 01/08/2008

Total Practice Population

All active, registered patients.

Eligible population

Patients aged 40-74 years who do not have existing CHD, CVD or DM (Eligible population)

Patients aged 40-74 years

Who do not have existing CHD recorded with one of the following:

G3-G3401

G342.-G366.

G38..-G3z..

Who are not on the CHD register, excluding those patients whose LAST CHD Register entry shows "Removed From Register" before the end of last month and since latest diagnosis code

Who do not have CVD recorded:

G61% Intracerebral haemorrhage, etc (excluding G617)

G63y0 Cerebral infarct due to thrombosis of precerebral arteries

G63y1 Cerebral infarction due to embolism of precerebral arteries

G64% Cerebral arterial occlusion, etc
G66% Stroke and cerebrovascular accident unspecified, etc
G6760 Cereb infarct due cerebral venous thrombosis, nonpyogenic
G6W.. Cereb infarct due unsp occlus/stenos precerebr arteries
G6X.. Cerebrl infarctn due/unspcf occlusn or sten/cerebrl artr
Gyu62 [X]Other intracerebral haemorrhage
Gyu63 [X]Cerebrl infarctn due/unspci occlusn or sten/cerebrl artr
Gyu64 [X]Other cerebral infarction
Gyu65 [X]Occlusion and stenosis of other precerebral arteries
Gyu66 [X]Occlusion and stenosis of other cerebral arteries
Gyu6F [X]Intracerebral haemorrhage in hemisphere, unspecified
Gyu6G [X]Cereb infarct due unsp occlus/stenos precerebr arteries
F4236 Amaurosis fugax
G65-G654 Transient cerebral ischaemia etc
G656 Vertebrobasilar insufficiency
G65y-G65zz Other transient cerebral ischaemia etc

Who do not have existing diabetes mellitus:

C10E.% Type 1 diabetes mellitus
C10F.% Type 2 diabetes mellitus
excluding C10F8 Reaven's syndrome

Who are not on the Diabetic register, excluding those whose last Diabetic Register entry shows "Removed from Register" before the end of last month and since latest diagnosis code

Or who have the following code for resolved diabetes:

212H Diabetes resolved
21263 Diabetes resolved

Patients aged 40-74 years (eligible population) who have ALL data items (in red below) required for JBS calculation present

Patients aged 40-74 years who do not have existing CHD, CVD or DM (eligible population)

With BP recorded

246% O/E - blood pressure reading,
Excluding:
2460 O/E - BP unrecordable
246H. O/E - Arterial pressure index normal
246I. O/E - Arterial pressure index abnormal
246K. Target systolic blood pressure
246L. Target diastolic blood pressure
246M. White coat hypertension

With Cholesterol recorded

- 44OE. Plasma total cholesterol level
- 44P.. Serum Cholesterol
- 44P1. Serum Cholesterol normal
- 44P2. Serum Cholesterol borderline
- 44P3. Serum Cholesterol raised
- 44P4. Serum Cholesterol very high
- 44PH. Total cholesterol measurement
- 44PJ Serum total cholesterol level

With HDL recorded

- 44P5 Serum HDL cholesterol level
- 44PB Serum fasting HDL cholesterol level
- 44PC Serum random HDL cholesterol level
- 44PF Total cholesterol:HDL ratio

With Smoking status recorded

A smoking record in the last 15 months

- 137-137D
- 137F-137H
- 137J-137V
- 137X-137h

Excludes:

- 137E. Tobacco consumption unknown
- 137I Passive smoker
- 137W Chews tobacco

Patients aged 40-74 years (eligible population) with any required data MISSING (in red below) required for JBS calculation

Patients aged 40-74 years who do not have existing CHD, CVD or DM (eligible population)

With no record of the following in the last 5 years (criteria as above): **BP, Cholesterol, HDL, Smoking status**

Patients aged 40-74 years (eligible population) with BP recorded in last 5 years

Patients aged 40-74 years (eligible population) without BP recorded in last 5 years

Patients aged 40-74 years who do not have existing CHD, CVD or DM (eligible population)

With/without a record for BP recorded in the last 5 years (see page 2)

Patients aged 40-74 years (eligible population) with cholesterol recorded last 5 years

Patients aged 40-74 years (eligible population) without cholesterol recorded last 5 years

Patients aged 40-74 years who do not have existing CHD, CVD or DM (eligible population)

With/without a record for cholesterol recorded in the last 5 years (see page 3)

Patients aged 40-74 years (eligible population) with HDL recorded last 5 years

Patients aged 40-74 years (eligible population) without HDL recorded last 5 years

Patients aged 40-74 years who do not have existing CHD, CVD or DM (eligible population)

With/without a record for HDL recorded in the last 5 years (see page 3)

Patients aged 40-74 years (eligible population) with smoking status recorded in the last 5 years

Patients aged 40-74 years (eligible population) without smoking status recorded in the last 5 years

Patients aged 40-74 years who do not have existing CHD, CVD or DM (eligible population)

With/without a record for smoking status recorded in the last 5 years (see page 3)

Patients aged 40-74 years (eligible population) with BMI ≥ 30 recorded in the last 5 years

Patients aged 40-74 years (eligible population) without BMI ≥ 30 recorded in the last 5 years

Patients aged 40-74 years who do not have existing CHD, CVD or DM (eligible population)

With/without a Weight SDA with BMI equal to or more than 30, recorded in the last 5 years with one of the following Read codes:

22K5 Body mass index 30+ - obesity

22K7 Body mass index 40+ = severely obese

22K% Body Mass Index with a BMI value ≥ 30

Patients aged 40-74 years (eligible population) with FH of premature CHD recorded last 5 years

Patients aged 40-74 years (eligible population) without FH of premature CHD recorded last 5 years

Patients aged 40-74 years who do not have existing CHD, CVD or DM (eligible population)

With/without a record in the last 5 years of family history of premature CHD:

12C2 FH: Ischaemic heart dis. <60
12C3 FH: Ischaemic heart dis. >60
12CL FH: Angina in 1st degree female relative <65years
12CM FH: Angina in 1st degree male relative <55 years
12CN FH: Myocardial infarct in 1st degree female relative <65 years
12CP FH: Myocardial infarct in 1st degree male relative <55 years

Patients aged 40-74 years (eligible population) with CHD risk (Framingham) recorded

Patients aged 40-74 years who do not have existing CHD, CVD or DM (eligible population)

With CHD Risk (Framingham) recorded in Scoring Test Result:

3888 Framingham coronary heart disease 10 year risk score

Note that calculations of the CHD risk are not stored in the patient's record UNLESS you press the CVD Risk or CHD Risk button on the Cardiovascular Disease Risk Calculation screen. This screen can be reached either from Alerts - double clicking on the CVD Risk line - or from the Summary menu - Disease Management - CVD Risk Calculation.

Patients aged 40-74 years (eligible population) with JBS2 score of 10-20

Patients aged 40-74 years who do not have existing CHD, CVD or DM (eligible population)

With a JBS score 10-20% recorded in either the Test SDA or in any clinical area:

662l JBS cardiovascular disease risk 10 - 20% over next 10 years

Patients aged 40-74 years (eligible population) with JBS2 score of 20-30

Patients aged 40-74 years who do not have existing CHD, CVD or DM (eligible population)

With a JBS score 20-30% recorded in either the Test SDA or in any clinical area:

662m JBS cardiovascular disease risk > 20% up to 30% in next 10 years

Patients aged 40-74 years (eligible population) with JBS2 score >30

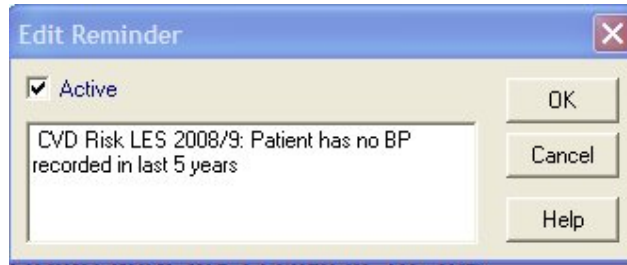
Patients aged 40-74 years who do not have existing CHD, CVD or DM (eligible population)

With a JBS score over 30 recorded:

662n > 30% over next 10 years

Setting a reminder

1. In Clinical Audit, identify the audit line under Greenwich PCT - CVD Risk Assessment for which you want to attach a reminder, for example, Patients aged 40-74 years (eligible population) WITHOUT BP recorded in last 5 years.
2. Right click on this line and select Reminder.
3. Position the cursor in the window and type reminder text, for example: "CVD RISK LES 2008/9: Patient has no BP recorded in last 5 years."



4. Click OK.
5. Generate the reminders. LAN practices can switch to the Generate tab and click on Generate reminders for [month/year]. VES practices can make a reminder generation request.

Greenwich PCT
CVD Risk Assessment LES 2008/9
Data required for risk calculation (Version 3, 01/08/2008)

Count	Percentage	Description
3451		Total Practice Population
1628	47.17%	Pts. aged 40 - 74 yrs who do not have existing CHD, CVD or DM (Eligible Population)
9	0.55%	Pts. aged 40 - 74 yrs eligible population who have ALL data items (in red below) required for JBS calculation present
605	37.16%	Pts. aged 40 - 74 yrs eligible population with any required data MISSING (in red below) required for JBS calculation
993	60.38%	Pts. aged 40 - 74 yrs eligible population WITH BP recorded in last 5 years
645	39.62%	Pts. aged 40 - 74 yrs eligible population WITHOUT BP recorded in last 5 years
22	1.35%	Pts. aged 40 - 74 yrs eligible population WITH Cholesterol recorded last 5 years
1606	98.65%	Pts. aged 40 - 74 yrs eligible population WITHOUT Cholesterol recorded last 5 years
16	0.98%	Pts. aged 40 - 74 yrs eligible population WITH HDL recorded last 5 years
1612	99.02%	Pts. aged 40 - 74 yrs eligible population WITHOUT HDL recorded last 5 years
472	28.99%	Pts. aged 40 - 74 yrs eligible population WITH smoking status recorded in the last 5 years
1156	71.01%	Pts. aged 40 - 74 yrs eligible population WITHOUT smoking status recorded last 5 years
154	9.46%	Pts. aged 40 - 74 yrs eligible population WITH BMI >=30 recorded in the last 5 years
963	59.15%	Pts. aged 40 - 74 yrs eligible population WITHOUT BMI recorded in the last 5 years
2	0.12%	Pts. aged 40 - 74 yrs eligible population WITH FH of premature CHD <recorded last 5 years
1167	71.68%	Pts. aged 40 - 74 yrs eligible population WITHOUT FH recorded last 5 years
0	0.00%	Pts. aged 40 - 74 yrs eligible population WITH CHD risk (Framingham) recorded
0	0.00%	Pts. aged 40 - 74 yrs eligible population WITH JBS2 score of 10-20
0	0.00%	Pts. aged 40 - 74 yrs eligible population WITH JBS2 score of 20-30
0	0.00%	Pts. aged 40 - 74 yrs eligible population WITH JBS2 score >30

Jul 2008 Age Sex Prevalence Incidence **Generate** Audit Manager Export QOF Reporting

Generation Status: Searches Counts Percents Reminders

Statistics were last generated for Jul 2008.

Generation Options:
 Generate Reminders
 Export Audit after Generation

Generate reminders for Jul 2008

Note the version and date of your audit may be later than this screenshot