

# Perth & Kinross CHP and Angus CHP Keep Well Audit

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## Criteria for audit

Total Practice Population

All active registered patients

All patients on Keep well programme (9ORZ. recorded)

6B3. Keep Well programme

9ORZ Well adult monitor admin NOS

Patients with No 9ORZ. Code added (for admin purpose)

All active registered patients with a record of:

6B3. Keep Well programme

With NO record of 9ORZ Well adult monitor.admin NOS

Patients invited to attend appointment for Keep well since  
01/09/2009

All active registered patients with a record of:

6B3. Keep Well programme

Invited to attend a Keep Well appointment since 01/09/2009

9OR4 Well adult monitoring 1<sup>st</sup> letter

9OR5 Well adult monitoring 2nd letter

9OR6 Well adult monitoring 3rd letter

9OR7 Well adult monitoring verbal invitation

9OR8 Well adult monitoring phone invitation

Patients NOT invited to attend appointment for Keep well since  
01/09/2009

All active registered patients with a record of:

6B3. Keep Well programme

NOT invited to attend a Keep Well appointment since 1/9/2009

Patients considered for exclusion from Keep well

Patients considered for exclusion with the following Keep Well exclusion code recorded since 01/09/2009:

9OR9 Well adult monitoring deleted

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Note This audit does not automatically exclude patients with the suggested exclusion codes, eg bedridden, dementia. These patients are "Patients Considered for exclusion from Keep Well" and can be excluded from the project by adding the following code to their medical records - 9OR9 Well adult monitoring deleted

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All active registered patients with a record of:

6B3. Keep Well programme

With a QOF dementia code or other Keep Well exclusion code:

Eu02.% [X]Dementia in other diseases classified elsewhere

E00..% Senile and presenile organic psychotic conditions

Eu01.% [X]Vascular dementia

E02y1 Drug-induced dementia

Eu02z [X]Unspecified dementia

E012.% Other alcoholic dementia

Eu00.% Dementia in Alzheimer's disease

E041.Dementia in conditions EC

Eu041 [X]Delirium superimposed on dementia

F110. Alzheimer's disease

F111. Pick's disease

F112. Senile degeneration of brain

F116 Lewy body disease

Other Keep Well exclusion codes, ever, with no end-date

13C6 Bed-ridden

13CA Housebound

13F61 Lives in a nursing home

13F81 Long stay hospital inpatient

8I35 Assessment examination refused

13HQ In prison

9I32 Patient has gone abroad

1P51 Physically abusive behaviour

1Z0 Terminal illness

1P52 Verbally abusive behaviour

1P50 Violent acts towards others

Patients considered for exclusion with NO 9OR9 Keep well exclusion code recorded since 01/09/2009

All active registered patients with a record of:

6B3. Keep Well programme

Considered for exclusion with a record since 01/09/2009 of:

9OR9 Well adult monitoring deleted

Patients with 9OR9 exclusion code

All active registered patients with a record of:

6B3. Keep Well programme

With NO QOF dementia code (see above) or other Keep Well exclusion code (see above)

Who have the exclusion code:

9OR9 Well adult monitoring deleted

#### Eligible target population – Patients with 9ORZ. code recorded and NO 9OR9 exclusion code

All active registered patients with a record of:

6B3. Keep Well programme

With NO QOF dementia code (see above) or other Keep Well exclusion code (see above)

Who do NOT have the exclusion code:

9OR9 Well adult monitoring deleted

NOT invited to attend appointment for Keep Well since 01/09/2009

Eligible target population (all active registered patients with a record of 6B3. Keep Well programme, with NO QOF dementia code or other Keep Well exclusion code (see above), who do NOT have the exclusion code: 9OR9 Well adult monitoring deleted)

Who have NOT been invited to attend a Keep Well appointment since 01/09/2009 with one of the following invitation codes:

9OR4 Well adult monitoring 1<sup>st</sup> letter

9OR5 Well adult monitoring 2nd letter

9OR6 Well adult monitoring 3rd letter

9OR7 Well adult monitoring verbal invitation

9OR8 Well adult monitoring phone invitation

Reminder: Not sent invitation for Keep Well monitoring

Invited to attend appointment for Keep Well since 01/09/2009

Eligible target population (all active registered patients with a record of 6B3. Keep Well programme, with NO QOF dementia code or other Keep Well

exclusion code (see above), who do NOT have the exclusion code: 9OR9  
Well adult monitoring deleted)

Who have been invited to attend a Keep Well appointment since 01/09/2009

- 9OR4 Well adult monitoring 1<sup>st</sup> letter
- 9OR5 Well adult monitoring 2nd letter
- 9OR6 Well adult monitoring 3rd letter
- 9OR7 Well adult monitoring verbal invitation
- 9OR8 Well adult monitoring phone invitation

Letter invitation to attend appointment for Keep well

Eligible target population (all active registered patients with a record of 6B3. Keep Well programme, with NO QOF dementia code or other Keep Well exclusion code (see above), who do NOT have the exclusion code: 9OR9 Well adult monitoring deleted)

Who have been sent a letter invitation to attend a Keep Well appointment since 01/09/2009 with one of the following Letter invitation codes:

- 9OR4 Well adult monitoring 1<sup>st</sup> letter
- 9OR5 Well adult monitoring 2nd letter
- 9OR6 Well adult monitoring 3rd letter

1<sup>st</sup> letter

Eligible target population (all active registered patients with a record of 6B3. Keep Well programme, with NO QOF dementia code or other Keep Well exclusion code (see above), who do NOT have the exclusion code: 9OR9 Well adult monitoring deleted)

Who have been sent a 1<sup>st</sup> letter invitation to attend a Keep Well appointment since 1/9/2009

- 9OR4 Well adult monitoring 1<sup>st</sup> letter

2<sup>nd</sup> letter

Eligible target population (all active registered patients with a record of 6B3. Keep Well programme, with NO QOF dementia code or other Keep Well exclusion code (see above), who do NOT have the exclusion code: 9OR9 Well adult monitoring deleted)

Who have been sent a 2nd letter invitation to attend a Keep Well appointment since 1/9/2009

- 9OR5 Well adult monitoring 2nd letter

3<sup>rd</sup> letter

Eligible target population (all active registered patients with a record of 6B3. Keep Well programme, with NO QOF dementia code or other Keep Well exclusion code (see above), who do NOT have the exclusion code: 9OR9 Well adult monitoring deleted)

Who have been sent a 3rd letter invitation to attend a Keep Well appointment since 1/9/2009

9OR5 Well adult monitoring 3rd letter

Phone invitation to attend appointment for Keep Well

Eligible target population (all active registered patients with a record of 6B3. Keep Well programme, with NO QOF dementia code or other Keep Well exclusion code (see above), who do NOT have the exclusion code: 9OR9 Well adult monitoring deleted)

Who have received a telephone invitation to attend a Keep Well appointment since 01/09/2009

9OR8 Well adult monitoring phone invitation

One phone invitation to attend appointment for Keep Well

Eligible target population (all active registered patients with a record of 6B3. Keep Well programme, with NO QOF dementia code or other Keep Well exclusion code (see above), who do NOT have the exclusion code: 9OR9 Well adult monitoring deleted)

Who have received one telephone invitation to attend a Keep Well appointment since 01/09/2009

9OR8 Well adult monitoring phone invitation

Two phone invitations to attend appointment for Keep Well

Eligible target population (all active registered patients with a record of 6B3. Keep Well programme, with NO QOF dementia code or other Keep Well exclusion code (see above), who do NOT have the exclusion code: 9OR9 Well adult monitoring deleted)

Who have received two telephone invitations to attend a Keep Well appointment since 01/09/2009

9OR8 Well adult monitoring phone invitation

Three or more phone invitations to attend appointment for Keep Well

Eligible target population (all active registered patients with a record of 6B3. Keep Well programme, with NO QOF dementia code or other Keep Well exclusion code (see above), who do NOT have the exclusion code: 9OR9 Well adult monitoring deleted)

Who have received 3 or more telephone invitations to attend a Keep Well appointment since 01/09/2009

9OR8 Well adult monitoring phone invitation

Phone invitation made and "called by doctor" recorded in free text

Eligible target population (all active registered patients with a record of 6B3. Keep Well programme, with NO QOF dementia code or other Keep Well exclusion code (see above), who do NOT have the exclusion code: 9OR9 Well adult monitoring deleted)

Who have received any telephone invitations to attend a Keep Well appointment since 01/09/2009

9OR8 Well adult monitoring phone invitation

And "called by doctor" recorded in free text

Phone invitation made and "called by nurse" recorded in free text

Eligible target population (all active registered patients with a record of 6B3. Keep Well programme, with NO QOF dementia code or other Keep Well exclusion code (see above), who do NOT have the exclusion code: 9OR9 Well adult monitoring deleted)

Who have received any telephone invitations to attend a Keep Well appointment since 01/09/2009

9OR8 Well adult monitoring phone invitation

And "called by nurse" recorded in free text

Phone invitation made and "called by admin" recorded in free text

Eligible target population (all active registered patients with a record of 6B3. Keep Well programme, with NO QOF dementia code or other Keep Well exclusion code (see above), who do NOT have the exclusion code: 9OR9 Well adult monitoring deleted)

Who have received any telephone invitations to attend a Keep Well appointment since 01/09/2009

9OR8 Well adult monitoring phone invitation

And "called by admin" recorded in free text

Verbal invitation to attend appointment for Keep Well

Eligible target population (all active registered patients with a record of 6B3. Keep Well programme, with NO QOF dementia code or other Keep Well exclusion code (see above), who do NOT have the exclusion code: 9OR9 Well adult monitoring deleted)

Who have received a verbal invitation to attend a Keep Well appointment since 01/09/2009

9OR7 Well adult monitoring verbal invitation

Refused invitation to attend appointment for Keep Well

Eligible target population (all active registered patients with a record of 6B3. Keep Well programme, with NO QOF dementia code or other Keep Well exclusion code (see above), who do NOT have the exclusion code: 9OR9 Well adult monitoring deleted)

Who have refused to attend a Keep Well appointment since 01/09/2009

9OR2 Refuses well adult monitoring

Invited AND attended appointment for Keep Well since  
01/09/2009

Eligible target population (all active registered patients with a record of 6B3. Keep Well programme, with NO QOF dementia code or other Keep Well exclusion code (see above), who do NOT have the exclusion code: 9OR9 Well adult monitoring deleted)

Who have been invited to attend a Keep Well appointment since 01/09/2009 and have attended the appointment:

9OR1 Attends well adult monitoring

9ORA Well adult monitoring check done

Last invitation was by letter

Eligible target population (all active registered patients with a record of 6B3. Keep Well programme, with NO QOF dementia code or other Keep Well exclusion code (see above), who do NOT have the exclusion code: 9OR9 Well adult monitoring deleted)

Who have been invited to attend a Keep Well appointment since 01/09/2009 and have attended the appointment.

The last recorded invitation was a letter invitation

Last invitation was by phone

Eligible target population (all active registered patients with a record of 6B3. Keep Well programme, with NO QOF dementia code or other Keep Well exclusion code (see above), who do NOT have the exclusion code: 9OR9 Well adult monitoring deleted)

Who have been invited to attend a Keep Well appointment since 01/09/2009 and have attended the appointment.

The last recorded invitation was a telephone invitation

Last invitation was verbal

Eligible target population (all active registered patients with a record of 6B3. Keep Well programme, with NO QOF dementia code or other Keep Well exclusion code (see above), who do NOT have the exclusion code: 9OR9 Well adult monitoring deleted)

Who have been invited to attend a Keep Well appointment since 01/09/2009 and have attended the appointment.

The last recorded invitation was verbal

Invited and NOT attended appointment for Keep well

Eligible target population (all active registered patients with a record of 6B3. Keep Well programme, with NO QOF dementia code or other Keep Well exclusion code (see above), who do NOT have the exclusion code: 9OR9 Well adult monitoring deleted)

Who have been invited to attend a Keep Well appointment since 01/09/2009

And have NOT attended the appointment since 01/09/2009 with NO record of one of the following codes:

9OR1 Attends well adult monitoring

9ORA Well adult monitoring check done

Invited and NOT attend appointment for Keep Well and NOT refused

Eligible target population (all active registered patients with a record of 6B3. Keep Well programme, with NO QOF dementia code or other Keep Well exclusion code (see above), who do NOT have the exclusion code: 9OR9 Well adult monitoring deleted)

Who have been invited to attend a Keep Well appointment since 01/09/2009:

9OR4 Well adult monitoring 1<sup>st</sup> letter

9OR5 Well adult monitoring 2nd letter

9OR6 Well adult monitoring 3rd letter

9OR7 Well adult monitoring verbal invitation

9OR8 Well adult monitoring phone invitation

And have NOT attended the appointment since 01/09/2009 and have NOT refused after 1/9/2009

Patient does NOT have one of the following codes:

9OR1 Attends well adult monitoring

9ORA Well adult monitoring check done

Patient does NOT have the following code:

9OR2 Refuses well adult monitoring

Reminder: Invited but not attended Keep Well monitoring

Invited and not refused and recorded as DNA (9OR3.)

Eligible target population (all active registered patients with a record of 6B3. Keep Well programme, with NO QOF dementia code or other Keep Well exclusion code (see above), who do NOT have the exclusion code: 9OR9 Well adult monitoring deleted)

Who have been invited to attend a Keep Well appointment since 01/09/2009

And have a DNA code since 01/09/2009:

9OR3 Well adult monitoring default

And have NOT refused after 01/09/2009 with NO record of a refusal code

9OR2 Refuses well adult monitoring

Patients with DNA recorded but have now attended appointment

Eligible target population (all active registered patients with a record of 6B3. Keep Well programme, with NO QOF dementia code or other Keep

Well exclusion code (see above), who do NOT have the exclusion code:  
9OR9 Well adult monitoring deleted)

Who have been invited to attend a Keep Well appointment since  
01/09/2009

And have a DNA code since 01/09/2009

And who have subsequently attended Keep Well appointment:

9OR1 Attends well adult monitoring

9ORA Well adult monitoring check done

Attended appointment for Keep well (9OR1., 9ORA.)

Eligible target population (all active registered patients with a record of 6B3.  
Keep Well programme, with NO QOF dementia code or other Keep Well  
exclusion code (see above), who do NOT have the exclusion code: 9OR9  
Well adult monitoring deleted)

Who have been invited to attend a Keep Well appointment since 01/09/2009

9OR4 Well adult monitoring 1<sup>st</sup> letter

9OR5 Well adult monitoring 2nd letter

9OR6 Well adult monitoring 3rd letter

9OR7 Well adult monitoring verbal invitation

9OR8 Well adult monitoring phone invitation

And who have attended Keep Well appointment:

9OR1 Attends well adult monitoring

9ORA Well adult monitoring check done

Attended appointment for Keep Well and no invitation record

Eligible target population (all active registered patients with a record of  
6B3. Keep Well programme, with NO QOF dementia code or other Keep  
Well exclusion code (see above), who do NOT have the exclusion code:  
9OR9 Well adult monitoring deleted)

Who have NOT been invited to attend a Keep Well appointment since  
01/09/2009 with NO record of one of the following codes:

9OR4 Well adult monitoring 1<sup>st</sup> letter

9OR5 Well adult monitoring 2nd letter

9OR6 Well adult monitoring 3rd letter

9OR7 Well adult monitoring verbal invitation

9OR8 Well adult monitoring phone invitation

And who have attended Keep Well appointment:

9OR1 Attends well adult monitoring

9ORA Well adult monitoring check done

Attended appointment for Keep Well and have counterweight recorded (66CH) since 01/09/2009

Eligible target population (all active registered patients with a record of 6B3. Keep Well programme, with NO QOF dementia code or other Keep Well exclusion code (see above), who do NOT have the exclusion code: 9OR9 Well adult monitoring deleted)

And who have attended Keep Well appointment:

9OR1 Attends well adult monitoring

9ORA Well adult monitoring check done

And have a record of the following since 01/09/2009:

66CH Weight management plan started

Attended appointment for Keep Well and does NOT have counterweight recorded (66CH.) since 01/09/2009

Eligible target population (all active registered patients with a record of 6B3. Keep Well programme, with NO QOF dementia code or other Keep Well exclusion code (see above), who do NOT have the exclusion code: 9OR9 Well adult monitoring deleted)

And who have attended Keep Well appointment:

9OR1 Attends well adult monitoring

9ORA Well adult monitoring check done

And have NO record of the following since 01/09/2009:

66CH Weight management plan started

Attended appointment for Keep well and have counterweight recorded in the last month

Eligible target population (all active registered patients with a record of 6B3. Keep Well programme, with NO QOF dementia code or other Keep Well exclusion code (see above), who do NOT have the exclusion code: 9OR9 Well adult monitoring deleted)

And who have attended Keep Well appointment:

9OR1 Attends well adult monitoring

9ORA Well adult monitoring check done

And have a record of the following in the last month:

66CH Weight management plan started

Attended appointment for Keep Well and have one counterweight record in the last month

Eligible target population (all active registered patients with a record of 6B3. Keep Well programme, with NO QOF dementia code or other Keep Well exclusion code (see above), who do NOT have the exclusion code: 9OR9 Well adult monitoring deleted)

And who have attended Keep Well appointment:

9OR1 Attends well adult monitoring

9ORA Well adult monitoring check done  
And have one record of the following in the last month:  
66CH Weight management plan started

Attended appointment for Keep well and have two counterweight records in the last month

Eligible target population (all active registered patients with a record of 6B3. Keep Well programme, with NO QOF dementia code or other Keep Well exclusion code (see above), who do NOT have the exclusion code: 9OR9 Well adult monitoring deleted)

And who have attended Keep Well appointment:

9OR1 Attends well adult monitoring  
9ORA Well adult monitoring check done

And have two records of the following in the last month:

66CH Weight management plan started

Attended appointment for Keep well and have three or more counterweight records in the last month

Eligible target population (all active registered patients with a record of 6B3. Keep Well programme, with NO QOF dementia code or other Keep Well exclusion code (see above), who do NOT have the exclusion code: 9OR9 Well adult monitoring deleted)

And who have attended Keep Well appointment:

9OR1 Attends well adult monitoring  
9ORA Well adult monitoring check done

And have three or more records of the following in the last month:

66CH Weight management plan started

### Attended appointment for Keep well and have subsequent diagnosis of hypertension

Eligible target population (all active registered patients with a record of 6B3. Keep Well programme, with NO QOF dementia code or other Keep Well exclusion code (see above), who do NOT have the exclusion code: 9OR9 Well adult monitoring deleted)

Who have been invited to attend a Keep Well appointment since 01/09/2009

And who have attended Keep Well appointment:

9OR1 Attends well adult monitoring  
9ORA Well adult monitoring check done

Who subsequently have a new diagnosis of hypertension with one of the following:

G2... Hypertensive disease  
G20% Essential hypertension, etc  
G24..-G2z Secondary hypertension, etc

Excluding those who LAST Hypertension Register entry shows Removed from Register since the latest diagnosis date

Excluding those with hypertension resolved since latest diagnosis date:

21261 Hypertension resolved

212K Hypertension resolved

### Attended appointment for Keep well and have subsequent diagnosis of diabetes

Eligible target population (all active registered patients with a record of 6B3. Keep Well programme, with NO QOF dementia code or other Keep Well exclusion code (see above), who do NOT have the exclusion code: 9OR9 Well adult monitoring deleted)

Who have been invited to attend a Keep Well appointment since 01/09/2009

And who have attended Keep Well appointment:

9OR1 Attends well adult monitoring

9ORA Well adult monitoring check done

Who subsequently have a new diagnosis of diabetes with one of the following diabetic codes:

C10 diabetes mellitus

Excluding those patients whose LAST Diabetes Register entry shows "Removed From Register" before the end of last month, and since the latest diagnosis code

Excluding those with the following Read code for Diabetes Resolved recorded before the end of last month and since the latest diagnosis:

21263 Diabetes resolved

### Patients with CHD or diabetes or stroke

Eligible target population (all active registered patients with a record of 6B3. Keep Well programme, with NO QOF dementia code or other Keep Well exclusion code (see above), who do NOT have the exclusion code: 9OR9 Well adult monitoring deleted)

With CHD (ischaemic heart disease):

G3-G330z (excluding G331. Prinzmetal's angina, G331.11 Variant angina pectoris, G332 Coronary artery spasm)

G33z.-G3401

G342.-G366.

G38..-G3z..

Gyu3.% [X] Ischaemic heart diseases

Excluding those patients whose LAST CHD Register entry shows "Removed From Register" before the end of last month and since latest diagnosis code

Or with diabetes

C10 Diabetes mellitus

Excluding those patients whose LAST Diabetes Register entry shows "Removed From Register" before the end of last month, and since the latest diagnosis code

Excluding those with the following Read code for Diabetes Resolved recorded before the end of last month and since the latest diagnosis:

21263 Diabetes resolved

Or with stroke or TIA:

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 artrs

Gyu62 [X]Other intracerebral haemorrhage

Gyu63 [X]Cerebrl infarctn due/unspci occlusn or sten/cerebrl artrs

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

G65.11 Drop attack

G65..12 Transient ischaemic attack

G65..13 Vertebrobasilar insufficiency

G650. Basilar artery syndrome

G650.11 Insufficiency – basilar artery

G651. Vertebral artery syndrome

G6510 Vertebro-basilar artery syndrome

G652. Subclavian steal syndrome

G653. Carotid artery syndrome hemispheric

G654. Multiple and bilateral precerebral artery syndromes

G656 Vertebrobasilar insufficiency

G65y-G65zz Other transient cerebral ischaemia etc

G65y. Other transient cerebral ischaemia

G65z. Transient cerebral ischaemia NOS

G65z0 Impending cerebral ischaemia

G65z1 Intermittent cerebral ischaemia

G65zz Transient cerebral ischaemia NOS

Excluding those patients whose LAST Stroke/TIA Register entry shows "Removed From Register" before the end of last month, and since the latest diagnosis code

**Patients with CHD, diabetes or stroke who have attended appointment for Keep well**

Eligible target population (all active registered patients with a record of 6B3. Keep Well programme, with NO QOF dementia code or other Keep Well exclusion code (see above), who do NOT have the exclusion code: 9OR9 Well adult monitoring deleted)

With CHD (ischaemic heart disease) (as above):

Or with diabetes (as above)

Or with stroke (as above)

And who have attended Keep Well appointment:

9OR1 Attends well adult monitoring

9ORA Well adult monitoring check done

**Patients with CHD, diabetes or Stroke who have NOT attended appointment for Keep well.**

Eligible target population (all active registered patients with a record of 6B3. Keep Well programme, with NO QOF dementia code or other Keep Well exclusion code (see above), who do NOT have the exclusion code: 9OR9 Well adult monitoring deleted)

With CHD (as above)

Or with diabetes (as above)

Or with stroke (as above)

Who do NOT have one of the following Read codes indicating a record of having attended Keep Well appointment:

9OR1 Attends well adult monitoring

9ORA Well adult monitoring check done