

Welsh Audits - Enhanced Service for Diabetic Care

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Introduction to Enhanced Service for Diabetic Care 2008-9

This Enhanced Services outlines a more specialist service to be provided, beyond the scope of essential services and the QOF. The purpose of this Enhanced Service is to enable the delivery of a more comprehensive, structure package of care to patients in primary care so that only patients of high risk or with complicated diabetes require hospital attendance. It also rewards tighter control of risk factors than required by QOF.

Doctors with a particular interest in diabetic care will know the "gold standard" targets from the Joint British Societies 2 guidelines (2006) are as follows and represent ideal treatment goals for individual patients.

<http://www.bcs.com/download/651/JBS2final.pdf>

Cardiovascular Disease prevention in clinical practice should focus equally on: -

- Patients with any form of established atherosclerotic CVD
- Patients with diabetes (type 1 or 2)
- Asymptomatic individuals without established CVD who have >20% estimated risk of developing atherosclerotic
- CVD over 10 years.

These three groups all require professional lifestyle and risk factor management to achieve defined targets which include:

- Smoking cessation

- Body-weight distribution - waist circumference (<102cm in men and <88cm in women, < 92cm in Asian men and < 78 cm in Asian women)
- BMI <25kg/m²
- Blood pressure <130/80mmHg
- Total cholesterol <4mmol/l or a 25% reduction whichever is lower
- LDL cholesterol <2mmol/l or a 30% reduction whichever is lower
- Fasting plasma glucose <6mmol/l
- HbA1c <6.5% (diabetics only)
- Use of cardiovascular protective drug therapies where appropriate. These have specific clinical indications and include anti-thrombotic drugs and drugs that lower blood pressure, lipids and glucose.

Audit criteria

Version 1, 13/01/2009

Total Practice Population

All active, registered patients

All diabetics

Active, registered patients with diabetes:

C10E.% Type 1 diabetes mellitus

C10F.% Type 2 diabetes mellitus (excluding C10F8 Reaven's syndrome)

Excluding those removed from the diabetic register

Or those with diabetes resolved:

212H. Diabetes resolved

21263 Diabetes resolved

Diabetics with no record of care programme

Diabetics with no record of a care programme:

66AP Diabetes: practice programme

66AQ Diabetes: shared care programme

66AU Diabetes care by hospital only

Diabetics on practice programme (66AP) or care provided by hospital only (66AU) or on shared care programme (66AQ)

Diabetics with a record of a care programme:

66AP Diabetes: practice programme

66AQ Diabetes: shared care programme

66AU Diabetes care by hospital only

Diabetics on Practice programme (66AP)

Diabetics on practice programme

Patients with diabetes

C10E.% Type 1 diabetes mellitus

C10F.% Type 2 diabetes mellitus (excluding C10F8 Reaven's syndrome)

Excluding those removed from the diabetic register

Or those with diabetes resolved:

212H. Diabetes resolved

21263 Diabetes resolved

With a latest record on practice programme:

66AP Diabetes: practice programme

Diabetics on practice programme with HbA1c NOT recorded in last 12 m from reference date

Diabetics on practice programme

66AP Diabetes: practice programme

With NO record of HbA1c recorded in the last 12 months before next 1st April

42W% Hb. A1C - diabetic control, etc

42c% HbA1 - diabetic control, etc

44TB. Haemoglobin A1c level

44TC. Haemoglobin A1 level

44TL. Total glycosylated Hb level

Diabetics on practice programme with HbA1c recorded in last 12 m from reference date

Diabetics on practice programme

66AP Diabetes: practice programme

With a record of HbA1c recorded in the last 12 months before next 1st April

Last HbA1c result is ≥ 7

Diabetics on practice programme

66AP Diabetes: practice programme
With a record of HbA1c recorded in the last 12 months
With a result equal to or more than 7

Last HbA1c result is <7

Diabetics on practice programme
66AP Diabetes: practice programme
With a record of HbA1c recorded in the last 12 months
With a result less than 7

Diabetics on practice programme with BP NOT recorded in last 12 m from reference date

Diabetics on practice programme
66AP Diabetes: practice programme
With NO record of BP recorded in the last 12 months before next 1st April
246% O/E - blood pressure reading,
Excluding:
246O. 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

Diabetics on practice programme with BP recorded in last 12 m from reference date

Diabetics on practice programme
66AP Diabetes: practice programme
With a record of BP recorded in the last 12 months before next 1st April

BP <=140/80

Diabetics on practice programme
66AP Diabetes: practice programme
With a record of BP recorded in the last 12 months
And the BP less than or equal to 140/80

BP > 140/80

Diabetics on practice programme
66AP Diabetes: practice programme

With a record of BP recorded in the last 12 months
And the BP more than 140/80

Diabetics on practice programme with total cholesterol NOT recorded in last 12 m from reference date

Diabetics on practice programme

66AP Diabetes: practice programme

With NO record of Total cholesterol recorded in the last 12 months before next 1st April

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

Diabetics on practice programme with total cholesterol recorded in last 12 m from reference date

Diabetics on practice programme

66AP Diabetes: practice programme

With a record of Total cholesterol recorded in the last 12 months before next 1st April

Total Cholesterol < 5 mmol/l

Diabetics on practice programme

66AP Diabetes: practice programme

With a record of Total cholesterol recorded in the last 12 months

And the Total cholesterol equal to or less than 5 mmol/l

Total Cholesterol >=5 mmol/l

Diabetics on practice programme

66AP Diabetes: practice programme

With a record of Total cholesterol recorded in the last 12 months

And the Total cholesterol more than 5 mmol/l

Diabetics on practice programme with LDL cholesterol NOT recorded in last 12 m from reference date

Diabetics on practice programme

66AP Diabetes: practice programme

With NO record of LDL cholesterol recorded in the last 12 months before next 1st April

Diabetics on practice programme with LDL cholesterol recorded in last 12 m from reference date

Diabetics on practice programme

66AP Diabetes: practice programme

With a record of LDL cholesterol recorded in the last 12 months before next 1st April

LDL Cholesterol < 3 mmol/l

Diabetics on practice programme

66AP Diabetes: practice programme

With a record of LDL cholesterol recorded in the last 12 months

And the LDL cholesterol less than 3 mmol/l

LDL Cholesterol >=3 mmol/l

Diabetics on practice programme

66AP Diabetes: practice programme

With a record of LDL cholesterol recorded in the last 12 months

And the LDL cholesterol equal to or more than 3 mmol/l

Diabetics on practice programme with HbA1C and BP and Total Cholesterol and LDL Cholesterol recorded in last 12m from reference date (must have all 4)

Diabetics on practice programme

66AP Diabetes: practice programme

With a record of all four of these records - LDL, HbA1c, BP and Total Cholesterol recorded in the last 12 months.

Diabetics on practice programme without HbA1C and BP and Total Cholesterol and LDL Cholesterol recorded in last 12m from reference date (must have all 4)

Diabetics on practice programme

66AP Diabetes: practice programme

With NO record of LDL, HbA1c, BP and Total Cholesterol recorded in the last 12 months.

Diabetes care provided by hospital only (66AU)

Diabetic care provided by hospital only

Patients with diabetes

With a latest record of diabetic care provided by hospital only

66AU Diabetes care by hospital only

Diabetics with diabetic care provided by hospital only with HbA1c NOT recorded in last 12 m from reference date

Diabetics with diabetic care provided by hospital only

66AU Diabetes care by hospital only

With NO record of HbA1c recorded in the last 12 months before next 1st April

42W% Hb. A1C - diabetic control, etc

42c% HbA1 - diabetic control, etc

44TB. Haemoglobin A1c level

44TC. Haemoglobin A1 level

44TL. Total glycosylated Hb level

Diabetics with diabetic care provided by hospital only with HbA1c recorded in last 12 m from reference date

Diabetics with diabetic care provided by hospital only

66AU Diabetes care by hospital only

With a record of HbA1c recorded in the last 12 months before next 1st April

Last HbA1c result is ≥ 7

Diabetics with diabetic care provided by hospital only

66AU Diabetes care by hospital only

With a record of HbA1c recorded in the last 12 months

With a result equal to or more than 7

Last HbA1c result is < 7

Diabetics with diabetic care provided by hospital only

66AU Diabetes care by hospital only

With a record of HbA1c recorded in the last 12 months

With a result less than 7

Diabetics with diabetic care provided by hospital only with BP NOT recorded in last 12 m from reference date

Diabetics with diabetic care provided by hospital only

66AU Diabetes care by hospital only

With NO record of BP recorded in the last 12 months before next 1st April

246% O/E - blood pressure reading,

Excluding:

246O. 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

Diabetics with diabetic care provided by hospital only with BP recorded in last 12 m from reference date

Diabetics with diabetic care provided by hospital only

66AU Diabetes care by hospital only

With a record of BP recorded in the last 12 months before next 1st April

BP <=140/80

Diabetics with diabetic care provided by hospital only

66AU Diabetes care by hospital only

With a record of BP recorded in the last 12 months

And the BP less than or equal to 140/80

BP > 140/80

Diabetics with diabetic care provided by hospital only

66AU Diabetes care by hospital only

With a record of BP recorded in the last 12 months

And the BP more than 140/80

Diabetics with diabetic care provided by hospital only with total cholesterol NOT recorded in last 12 m from reference date

Diabetics with diabetic care provided by hospital only

66AU Diabetes care by hospital only

With NO record of Total cholesterol recorded in the last 12 months before next 1st April

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

Diabetics with diabetic care provided by hospital only with total cholesterol recorded in last 12 m from reference date

Diabetics with diabetic care provided by hospital only

66AU Diabetes care by hospital only

With a record of Total cholesterol recorded in the last 12 months before next 1st April

Total Cholesterol < 5 mmol/l

Diabetics with diabetic care provided by hospital only

66AU Diabetes care by hospital only

With a record of Total cholesterol recorded in the last 12 months

And the Total cholesterol equal to or less than 5 mmol/l

Total Cholesterol \geq 5 mmol/l

Diabetics with diabetic care provided by hospital only

66AU Diabetes care by hospital only

With a record of Total cholesterol recorded in the last 12 months

And the Total cholesterol more than 5 mmol/l

Diabetics with diabetic care provided by hospital only with LDL cholesterol NOT recorded in last 12 m from reference date

Diabetics with diabetic care provided by hospital only

66AU Diabetes care by hospital only

With NO record of LDL cholesterol recorded in the last 12 months before next 1st April

Diabetics with diabetic care provided by hospital only with LDL cholesterol recorded in last 12 m from reference date

Diabetics with diabetic care provided by hospital only

66AU Diabetes care by hospital only

With a record of LDL cholesterol recorded in the last 12 months before next 1st April

LDL Cholesterol < 3 mmol/l

Diabetics with diabetic care provided by hospital only

66AU Diabetes care by hospital only

With a record of LDL cholesterol recorded in the last 12 months

And the LDL cholesterol less than 3 mmol/l

LDL Cholesterol \geq 3 mmol/l

Diabetics with diabetic care provided by hospital only

66AU Diabetes care by hospital only

With a record of LDL cholesterol recorded in the last 12 months

And the LDL cholesterol equal to or more than 3 mmol/l

Diabetes care provided by hospital only with HbA1c and BP and Total Cholesterol and LDL Cholesterol recorded in last 12m from reference date (must have all 4)

Diabetics with diabetic care provided by hospital only

66AU Diabetes care by hospital only

With a record of all four of HbA1c, BP, Total Cholesterol and LDL Cholesterol recorded in the last 12 months from reference date

Diabetes care provided by hospital only without HbA1c and BP and Total Cholesterol and LDL Cholesterol recorded in last 12m from reference date

Diabetics with diabetic care provided by hospital only

66AU Diabetes care by hospital only

With NO record of all four of HbA1c, BP, Total Cholesterol and LDL Cholesterol recorded in the last 12 months from reference date

Diabetics on shared care programme (66AQ)

Diabetics on shared care programme

Patients with diabetes

C10E.% Type 1 diabetes mellitus

C10F.% Type 2 diabetes mellitus (excluding C10F8 Reaven's syndrome)

Excluding those removed from the diabetic register

Or those with diabetes resolved:

212H. Diabetes resolved

21263 Diabetes resolved

With a latest record on practice programme:

66AQ Diabetes: shared care programme

Diabetics on shared care programme with HbA1c NOT recorded in last 12 m from reference date

Diabetics on shared care programme

66AQ Diabetes: shared care programme

With NO record of HbA1c recorded in the last 12 months before next 1st April

42W% Hb. A1C - diabetic control, etc

42c% HbA1 - diabetic control, etc

44TB. Haemoglobin A1c level

44TC. Haemoglobin A1 level

44TL. Total glycosylated Hb level

Diabetics on shared care programme with HbA1c recorded in last 12 m from reference date

Diabetics on shared care programme

66AQ Diabetes: shared care programme

With a record of HbA1c recorded in the last 12 months before next 1st April

Last HbA1c result is ≥ 7

Diabetics on shared care programme

66AQ Diabetes: shared care programme

With a record of HbA1c recorded in the last 12 months

With a result equal to or more than 7

Last HbA1c result is < 7

Diabetics on shared care programme

66AQ Diabetes: shared care programme
With a record of HbA1c recorded in the last 12 months
With a result less than 7

Diabetics on shared care programme with BP NOT recorded in last 12 m from reference date

Diabetics on shared care programme
66AQ Diabetes: shared care programme
With NO record of BP recorded in the last 12 months before next 1st April
246% O/E - blood pressure reading,
Excluding:
246O. 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

Diabetics on shared care programme with BP recorded in last 12 m from reference date

Diabetics on shared care programme
66AQ Diabetes: shared care programme
With a record of BP recorded in the last 12 months before next 1st April

BP <=140/80

Diabetics on shared care programme
66AQ Diabetes: shared care programme
With a record of BP recorded in the last 12 months
And the BP less than or equal to 140/80

BP > 140/80

Diabetics on shared care programme
66AQ Diabetes: shared care programme
With a record of BP recorded in the last 12 months
And the BP more than 140/80

Diabetics on shared care programme with total cholesterol NOT recorded in last 12 m from reference date

Diabetics on shared care programme
66AQ Diabetes: shared care programme

With NO record of Total cholesterol recorded in the last 12 months before next 1st April

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

Diabetics on shared care programme with total cholesterol recorded in last 12 m from reference date

Diabetics on shared care programme

66AQ Diabetes: shared care programme

With a record of Total cholesterol recorded in the last 12 months before next 1st April

Total Cholesterol < 5 mmol/l

Diabetics on shared care programme

66AQ Diabetes: shared care programme

With a record of Total cholesterol recorded in the last 12 months

And the Total cholesterol equal to or less than 5 mmol/l

Total Cholesterol >=5 mmol/l

Diabetics on shared care programme

66AQ Diabetes: shared care programme

With a record of Total cholesterol recorded in the last 12 months

And the Total cholesterol more than 5 mmol/l

Diabetics on shared care programme with LDL cholesterol NOT recorded in last 12 m from reference date

Diabetics on shared care programme

66AQ Diabetes: shared care programme

With NO record of LDL cholesterol recorded in the last 12 months before next 1st April

Diabetics on shared care programme with LDL cholesterol recorded in last 12 m from reference date

Diabetics on shared care programme

66AQ Diabetes: shared care programme

With a record of LDL cholesterol recorded in the last 12 months before next 1st April

LDL Cholesterol < 3 mmol/l

Diabetics on shared care programme

66AQ Diabetes: shared care programme

With a record of LDL cholesterol recorded in the last 12 months

And the LDL cholesterol less than 3 mmol/l

LDL Cholesterol \geq 3 mmol/l

Diabetics on shared care programme

66AQ Diabetes: shared care programme

With a record of LDL cholesterol recorded in the last 12 months

And the LDL cholesterol equal to or more than 3 mmol/l

Diabetics on shared care programme with HbA1c and BP and Total Cholesterol and LDL Cholesterol recorded in last 12m from reference date (must have all 4)

Diabetics on shared care programme

66AQ Diabetes: shared care programme

With a record of all four in the last 12 months before reference date: HbA1c, BP, Total Cholesterol, LDL Cholesterol

Diabetics on shared care programme without HbA1c and BP and Total Cholesterol and LDL Cholesterol recorded in last 12m from reference date

Diabetics on shared care programme

66AQ Diabetes: shared care programme

With NO record of in the last 12 months before reference date of HbA1c, BP, Total Cholesterol, LDL Cholesterol