



PRIMIS

making clinical data work

Contact PRIMIS
enquiries@primis.nottingham.ac.uk
0115 846 6420
www.nottingham.ac.uk/primis

Diabetes Care

Benefits of the Diabetes Care quality improvement tool

The Diabetes Care quality improvement tool is free to all PRIMIS Hub members in England.

Diabetes Care is a comprehensive, easy-to-use tool that enables GP practices to audit their clinical data helping them to optimise the management and care of patients with diabetes and reduce their risk of developing associated complications.

The tool also assists with case finding activity, encouraging practices to establish a more accurate prevalence rate and identify patients most at risk of developing the disease through assessment of key risk factors.

Diabetes Care uses CHART software to create highly visual practice-level summaries in the form of a dashboard and pre-populated NICE medication pathway, as well as providing the ability to drill down to examine detailed patient care at an individual level.

CHART Online provides the ability for practices to benchmark themselves securely and anonymously against others both locally and nationally.

PRIMIS tools are designed to signpost practices to patients who may be of interest and/or concern and not to replace clinical decision making.

diabetes management
audit standards of care against current NICE guidelines
management audit benefits include:

audits patient care against current best practice guidelines

reports on the presence of associated complications of diabetes for all patients with diabetes in the practice

reports on the NICE recommended care processes and the number achieving the related targets for HbA1c, BP and cholesterol

reports on the number of patients currently being treated in accordance with NICE recommendations regarding blood glucose lowering therapy

provides multiple data views including a visual dashboard, medication pathway and tabular summaries. From patient level to practice, local and even national levels

highlights where prescribing in diabetes might be sub-optimal from a safety point of view with advice and cautions included from the BNF

case finder
find potentially unrecorded or undiagnosed patients
case finder benefits include:

helps identify patients with a missing diagnosis of diabetes

allows practices to determine a more accurate prevalence rate within their population

automatically calculates the Leicester diabetes risk score for each patient in order to identify those most at risk (where data are available)

improves register accuracy by highlighting potential coding issues

provides a mail merge function to invite priority patients for review



joint benefits
joint benefits include:

helps to optimise the care and treatment of patients with diabetes

helps to boost Quality and Outcomes Framework (QOF) points

contributes to the delivery of the QOF, the National Diabetes Audit, the NHS Outcomes Framework and the Clinical Commissioning Group Outcomes Indicator Set

Diabetes Care management - CHART summary sheet

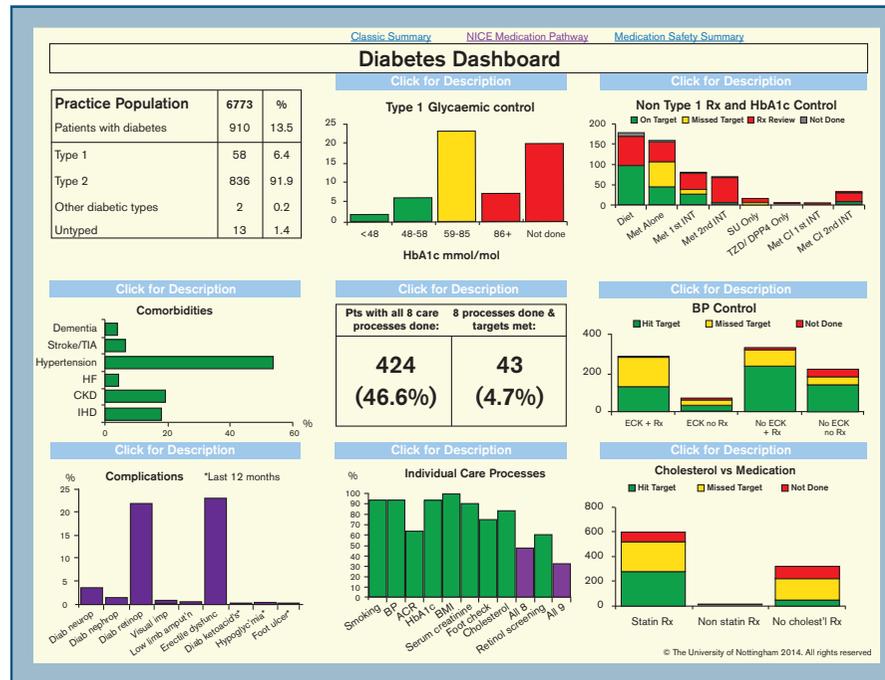
CHART provides practices with several instant views of their clinical data: a clinical dashboard, the NICE medication pathway, the medication safety summary and the classic tabular view.

The various data views allow the following key aspects of diabetes management to be evaluated:

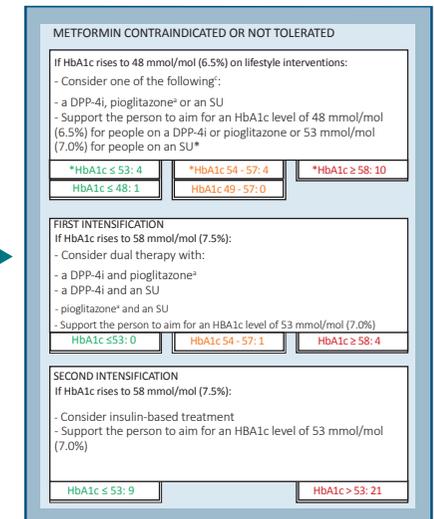
- achievement of each of the individual care processes as recommended by NICE, with an indication of the number receiving 8 or 9 processes in the last 12 months
- the number of patients receiving the key care processes and achieving the related targets for HbA1c, BP and cholesterol in the last 12 months
- presence of associated complications and key co-morbidities
- adherence to the NICE blood glucose lowering pathway
- key medication and prescribing safety aspects, including the number of patients currently at risk
- diabetes prevalence by diabetes type
- HbA1c control by diabetes type

The Diabetes Care Dashboard ▼

The dashboard acts as a 'home' area, from which all other views are all accessible



A section from the NICE Medication Pathway ►



A section from the Medication Safety Summary ▼

GENERAL PRESCRIBING SAFETY	Number of Patients Identified	Number of Patients at Risk
Insulin & betablockers	123	25
Thiazolidinedione & heart failure	20	0
Thiazolidinedione & bladder cancer	20	0
Women of child bearing age on statins	26	3
Women of child bearing age on ACEi/ARB	26	3
Aged >65 on glibenclamide	0	0

RENAL FUNCTION	Number of Patients on Drug	Number of Patients at Risk
Metformin Rx & eGFR <30ml/min	207	1

Five key actions following use of the Diabetes Care quality improvement tool

Identify patients who may have a missing diagnosis or are at risk of developing diabetes (case finder)

Establish the number of patients who have received the NICE care processes in the last year and the number achieving related targets for HbA1c, BP and cholesterol

Target patients who are not being treated in accordance with NICE recommendations regarding blood glucose lowering therapy and review accordingly

Identify where prescribing in diabetes might be sub-optimal from a safety point of view and review patients at risk

Upload data to CHART Online for benchmarking and comparison

PRIMIS

Use of the Diabetes Care quality improvement tool is FREE to practices registered with the PRIMIS Hub online membership service. Basic membership is FREE of charge and includes access to several other tools, including the GRASP suite of tools, and both the CHART and CHART Online software tools. Sign up for FREE basic PRIMIS Hub membership at:

www.nottingham.ac.uk/primis/joinus

PRIMIS' development of the Diabetes Care quality improvement tool has been funded by Boehringer Ingelheim. Boehringer Ingelheim has undertaken a medico legal review but PRIMIS has retained editorial control and intellectual property rights for this tool.



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