Diabetes therapy type

Important note: This is an archived metadata standard from the AIHW Knowledgebase. For current metadata standards and related information please access METeOR, the AIHW's Metadata Online Registry at http://meteor.aihw.gov.au

Identifying and Definitional Attributes

Data Dictionary: NHDD

Knowledgebase ID: 000668 Version number: 1

Metadata type: DATA ELEMENT

Registration NHIMG Admin status: SUPERSEDED

Authority: Effective date: 01-MAR-05

Definition: The type of diabetes therapy the person is currently receiving.

Context: Public health, health care and clinical setting:

Its main use is to enable categorisation of management regimes

against best practice for diabetes.

Relational and Representational Attributes

Datatype: Numeric

Representational CODE

form:

Representation NN

layout:

Minimum Size: 2 Maximum Size: 2

Data Domain: 01 Diet and exercise only

Oral hypoglycaemic - sulphonylurea only

03 Oral hypoglycaemic - biguanide (eg metformin)

only

Oral hypoglycaemic - alpha-glucosidase inhibitor

only

05 Oral hypoglycaemic - thiazolidinedione only

06 Oral hypoglycaemic - meglitinide only

07 Oral hypoglycaemic - combination (eg biguanide &

sulphonylurea)

08 Oral hypoglycaemic - other

09 Insulin only

10 Insulin plus oral hypoglycaemic

98 Nil - not currently receiving diabetes treatment

99 Not stated/Inadequately described

Guide For Use: Code 01 Diet & exercise only: - includes the options of

generalised prescribed diet; avoid added sugar/simple carbohydrates (CHOs); low joule diet; portion exchange diet and uses glycaemic index and a recommendation for increased exercise.

Code 98 Nil: - no current diet, tablets or insulin therapy(ies)

Code 99 Don't know: - missing information

Collection Methods: To be collected at the commencement of treatment and at each

review.

Related metadata: is used in conjunction with Service contact date version 1

relates to the data element Diabetes status version 1 relates to the data element Renal disease therapy version 1 relates to the data element Vascular history version 1 relates to the data element Year insulin started version 1

Administrative Attributes

Source Document:

Source Organisation: National Diabetes Data Working Group

CV-Data Working Group

Comments: In settings where the monitoring of a person's health is ongoing and where management can change over time (such as general practice), the Service contact date should be recorded.

Diabetes (clinical):

The objectives and priorities of treatment must be tailored to the individual considering age, sex, weight and individual health status.

An individual management plan for each patient should include the following:

- establishment of targets of treatment
- healthy eating plan
- education in self-monitoring, adjustment of treatment and in approaches to coping with emergencies
- exercise program
- risk factor reduction, e.g. smoking cessation
- use of oral hypoglycaemic agents, if required
- use of insulin, if required
- screening for and treatment of complications of diabetes.

In addition to glycaemic control, management of diabetes of either type requires close attention to other risk factors for the

development of complications, and the impact of lifestyle changes on blood glucose levels should be monitored.

In patients with Type 2 diabetes, an increase in physical activity is essential in management of lipids and glucose level. Increased physical activity has been recognised as perhaps the most feasible way of modifying glucose intolerance, a risk factor for developing diabetes and macrovascular disease (Guest & O'Dea 1992).

References:

Berkow R, editor. The Merck Manual. 16th ed. Rahway (New Jersey, USA): Merck Research Laboratories; 1992.

Data Element Links

Information Model Entities linked to this Data Element
NHIM Physical wellbeing

Data Agreements which include this Data Element

DSS - Cardiovascular disease (clinical) From 01-Jan-03 to DSS - Diabetes (clinical) From 01-Jan-03 to