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Evidence for current diagnostic criteria of diabetes mellitus

Ritesh Kumar, Lakshmana Perumal Nandhini, Sadishkumar Kamalanathan,
Jayaprakash Sahoo, Muthupillai Vivekanadan**Abstract**

Diabetes mellitus is a non-communicable metabolic derangement afflicting several millions of individuals globally. It is associated with several micro and macrovascular complications and is also a leading cause of mortality. The unresolved issue is that of definition of the diagnostic threshold for diabetes. ²⁶ The World Health Organization [WHO] and the American Diabetes Association [ADA] have laid down several diagnostic criteria for diagnosing diabetes and prediabetes based on the accumulating body of evidence. This review has attempted to analyse the scientific evidence supporting the justification of these differing criteria. The evidence for diagnosing diabetes is strong, and there is a concordance between the two professional bodies. The controversy arises when describing the normal lower limit of fasting plasma glucose with little evidence favouring the reduction of the fasting plasma glucose by the ADA.

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A disease process may be present but may not have progressed far enough to cause ...

For example, a person with gestational diabetes mellitus (GDM) may evidence,

recommended the use of the A1C test to diagnose diabetes, with a ...

Diagnosis and Classification of Diabetes Mellitus

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Hypertension and abnormalities of lipoprotein metabolism are often found in ... type of

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the quality of evidence is adequate to justify treatment of GDM, 1. ... Gestational diabetes mellitus should be diagnosed at any time in pregnancy if one or ... group to reviewed the current WHO recommendations on definition, diagnosis and.

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DEFINITION AND DESCRIPTION OF DIABETES MELLITUS ... of diabetes can often be identified by serological evidence of an autoimmune pathologic ... clinical symptoms, may be present for a long period of time before diabetes is detected.

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Diabetes mellitus is a group of metabolic diseases characterized by ... type of diabetes can often be identified by serological evidence of an autoimmune ... clinical symptoms, may be present for a long period of time before diabetes is detected.

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Definition, Diagnosis and Classification of Diabetes Mellitus and its ... Recommendation 1 The current WHO diagnostic criteria for diabetes should be maintained to examine the evidence on the following issues related to the diagnosis