Screening for type 2 diabetes: literature review and economic modelling

Record Status
This is a bibliographic record of a published health technology assessment from a member of INAHTA. No evaluation of the quality of this assessment has been made for the HTA database.

Citation

Authors' objectives
"The objectives of this review were as follows: 1. to reconsider the aims of screening for undiagnosed diabetes, and whether screening should be for other abnormalities of glucose metabolism such as IGT, or the metabolic syndrome- 2. to update the previous review for the NSC on screening for diabetes, including reviewing choice of screening test 3. to consider what measures would be taken if IGT and IFG were identified by screening, and in particular to examine evidence on treatment to prevent progression to diabetes in these groups 4. to examine the cost-effectiveness of screening, by a review of previous economic models, and by new modelling to take account of recent developments in treatment such as the use of statins 5. as part of the economic analysis, to consider groups at higher risk at which screening might be targeted 6. to identify research needs." (from executive summary)

Authors' conclusions
The case for screening for undiagnosed diabetes is probably somewhat stronger than it was at the last review, because of the greater options for reduction of cardiovascular disease, principally through the use of statins, and because of the rising prevalence of overweight and hence type 2 diabetes. However, there is also a good case for screening for IGT, with the aim of preventing some future diabetes and reducing cardiovascular disease.

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