The UKPDS risk engine: a model for the risk of coronary heart
disease in Type II diabetes (UKPDS 56).

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A definitive model for predicting absolute risk of coronary heart
disease (CHD) in male and female people with Type II diabetes is
not yet available. This paper provides an equation for estimating
the risk of new CHD events in people with Type II diabetes, based
on data from 4540 U.K. Prospective Diabetes Study male and female
patients. Unlike previously published risk equations, the model is
diabetes–specific and incorporates glycaemia, systolic blood
pressure and lipid levels as risk factors, in addition to age, sex,
ethnic group, smoking status and time since diagnosis of diabetes.
All variables included in the final model were statistically significant
(P<0.001, except smoking for which P=0.0013) in likelihood ratio
testing. This model provides the estimates of CHD risk required by
current guidelines for the primary prevention of CHD in Type II
diabetes.