

1

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Prospective Study

Are body mass index and waist circumference significant predictors of diabetes and prediabetes risk: Results from a population based cohort study

Fahimeh Haghighatdoost, Masoud Amini, Awat Feizi, Bijan Iraj

Abstract

AIM

To determine the predictive role of BMI and WC for diabetes and prediabetes risk in future in total sample as well as in men and women separately.

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Jan 15, 2015 - A **population-based** cross-sectional **study** was conducted with 1,000 representative sample ... The mean of **BMI**, **WC**, waist-to-hip ratio (WHR), and waist-to-height ratio (WHtR) were **significantly** higher among **diabetic** in both sexes ($P = 0.001$). ... Keywords: **Body mass index**, **diabetes**, **waist circumference**, ...

Missing: **prediabetes**

Body mass index, waist circumference, and risk of coronary heart ...

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Historically, **body mass index (BMI)** has been used in epidemiologic **studies** and by ... Compared to the full **cohort**, men who provided **WC** were slightly older ... **based** on the thresholds of risk increase observed in the **results** by decile, ... To allow for direct comparison of **BMI** and **waist circumference** as **predictors** of CHD risk, ...

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15 Jan 2015 - A **population-based** cross-sectional **study** was conducted with 1,000 ... (WHR), and waist-to-height ratio (WHR) were **significantly** higher among **diabetic** in both sexes ($P = 0.001$). ... Keywords: **Body mass index**, **diabetes**, **waist circumference**, ... Obesity is a major **risk** factor for type 2 **diabetes**, hypertension, ...

Missing: **prediabetes**

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24 Mar 2013 - This study aimed to investigate whether **body mass index** (BMI), **waist** ... Our **results** showed the highest sensitivity and specificity for WC cut points specially in women. ... in Isfahan Cohort **Study** which was a **population-based** cohort and Wrist circumference is reported as a **significant** predictor of **diabetes** ...

Identifying obesity indicators which best correlate with type 2 diabetes ...

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1 Sep 2012 - **Results**. All indicators positively correlated with presence of T2D in both men and women. ... Type 2 **diabetes** Central obesity **Waist circumference** BMI ... (WC) is a better **predictor** of **diabetes** than **body mass index** (BMI) [4, 5], ... **population-based** cohort (the Beijing Community Pre-Diabetes (BCPD) study).

Wrist Circumference as a Novel Predictor of Diabetes and Prediabetes ...

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22 Jan 2013 - type 2 **diabetes** mellitus, independently of general (**body mass index** [BMI]) or ... cumference [WC]) adiposity measures in a cohort of an Iranian adult **population**. ... Conclusions:

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[Body Mass Index, Waist Circumference, and the Risk of Type 2 ...](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2905837/)

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2 Jul 2010 ... We studied the interaction between **BMI** and **waist circumference** with respect to ... **Results**. During a mean follow-up interval of 8 years, type 2 DM was newly ... and obesity are **important** in the development of type 2 **diabetes** mellitus. ... of the largest prospective **population-based cohort studies** in Germany.

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