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Name of Journal: *World Journal of Diabetes*

Manuscript NO: 30934

Manuscript Type: Original Article

*Prospective Study*

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

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#### 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**

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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, ...

Missing: **prediabetes**

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This **study** evaluates the detecting power of **body mass index (BMI)**, waist ... **population-based** Beijing Community Pre-Diabetes (BCPD) **study cohort**. ... In women, **WC**, **WHR** and **WHtR** were similar, but were better in identifying T2D when ... for **waist circumference** and their **predictive** value for abdominal obesity and **risk** of ...

### [Predictors of Metabolic Syndrome in the Iranian Population: Waist ...](#)

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Feb 11, 2013 - This study aimed to investigate whether **body mass index (BMI)**, **waist circumference (WC)**, or waist to hip ratio (WHR) could be a better **predictor** of metabolic ... in **Isfahan Cohort Study** which was a **population-based** cohort and .... Wrist circumference is reported as a **significant predictor** of

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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](#)

### Predictors of Metabolic Syndrome in the Iranian Population: Waist ...

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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 ...

[bmcpublichealth.biomedcentral.com/articles/10.1186/1471-2458-12-732](http://bmcpublichealth.biomedcentral.com/articles/10.1186/1471-2458-12-732)

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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1 Feb 2013 ... Wrist **circumference** is a **significant predictor** of **diabetes** in both ... of a prospective **population-based** study, the Tehran Lipid and Glucose Study ... Details of anthropometric **measurements** including height, **body mass index** (BMI) , **waist** ..... its associated **risk factors**: **results** from a six-year **cohort study** in Iran.

[Is Waist Circumference A Better Predictor of Diabetes Than Body ...](#)

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15 Jan 2015 ... A **population-based** cross-sectional **study** was conducted with 1,000 ... (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**, ... Obesity is a major **risk factor** for type 2 **diabetes**, hypertension, ...

[Body Mass Index, Waist Circumference, and the Risk of Type 2 ...](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2905837/>

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.

[Predictors of Metabolic Syndrome in the Iranian Population: Waist ...](#)