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#### Observational Study

15  
 Impact of diabetes mellitus on risk of cardiovascular disease and all-cause mortality:

Evidence on health outcomes and antidiabetic treatment in United States adults

Longjian Liu, Barbara Simon, Jinggaofu Shi, Arshpreet Kaur Mallhi, Howard J Eisen

#### Abstract

**Purpose:** We aimed to examine the epidemic of diabetes mellitus (DM) and its impact on mortality from all-cause and cardiovascular disease (CVD), and to test the effect of antidiabetic therapy on the mortality in the U.S. adults.

1  
**Methods:** The analysis included a randomized population sample of 272,149 subjects ages  $\geq 18$  years who participated in the National Health Interview Surveys (NHIS) in 2000-2009. Chronic conditions (hypertension, DM and CVD) were classified by participants' self-reports of physician diagnosis. NHIS-Mortality Linked Files, and NHIS-Medical Expenditure Panel Survey Linkage Files were used to test the research questions. Chi-square, Poisson and Cox's regression models were applied in data analysis.

**Results:** Of all participants, 22305 (8.2%) had DM. The prevalence of DM significantly

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### Type 2 diabetes in East Asians: similarities and differences ...

[www.ncbi.nlm.nih.gov](http://www.ncbi.nlm.nih.gov) > ... > [PubMed Central \(PMC\)](#) ▾ [翻译此页](#)

作者: RCW Ma - 2013 - 被引用次数: 115 - [相关文章](#)

2013年4月1日 - In addition to **cardiovascular**-renal **disease**, cancer is emerging as the other main cause of mortality. ... For **example**, the **prevalence** of **diabetes** in China has increased ... In addition to ethnic differences within Asian **populations**, ..... Comparison of **effect** sizes of type 2 **diabetes** risk in East Asians and ...

### Prevalence of chronic obstructive pulmonary disease and ...

[www.ncbi.nlm.nih.gov](http://www.ncbi.nlm.nih.gov) > ... > [PubMed Central \(PMC\)](#) ▾ [翻译此页](#)

作者: C Anechino - 2007 - 被引用次数: 49 - [相关文章](#)

The estimated **prevalence** in **adult population** was 3.6%. ... and, considering chronic specific comorbidities (**cardiovascular disease**, **diabetes** and ... 8 millions of inhabitants) and describing the general **profile** of COPD patients, in whom ... Anechino et al 2005) as well as to study **population**-based health **outcomes** (Monte, ...

### Association between serious ischemic cardiac outcomes ...

[www.ncbi.nlm.nih.gov](http://www.ncbi.nlm.nih.gov) > ... > [PubMed Central \(PMC\)](#) ▾ [翻译此页](#)

作者: DJ Margolis - 2008 - 被引用次数: 82 - [相关文章](#)

Conversely, a protective **effect** emerged with longer use of rosiglitazone or pioglitazone.

The increasing **prevalence** of **adult onset diabetes**, the common use of ... used to treat



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### Effect of intensive glucose lowering treatment on all cause mortality ...

[www.bmj.com/content/343/bmj.d4169](http://www.bmj.com/content/343/bmj.d4169) ▾ 翻译此页

作者: R Boussageon - 2011 - 被引用次数: 443 - 相关文章

2011年7月26日 - A fixed **effect** model was used to assess the **effect** on the **outcomes** of ... Intensive **treatment** did not significantly affect **all cause mortality** (risk ratio 1.04, ... in the United Kingdom Prospective Diabetes Study (UKPDS) 33 on ... "type 2 diabetes", "diabetes mellitus", "cardiovascular diseases", ..... Follow us on.

### Comparative cardiovascular morbidity and mortality in patients taking ...

[bmjopen.bmj.com](http://bmjopen.bmj.com) > Volume 5, Issue 3 ▾ 翻译此页

作者: HI Price - 2015 - 被引用次数: 4 - 相关文章

2015年3月11日 - **All-cause mortality** was assessed as a secondary **outcome**. ... **evidence** investigating the **impact** of insulin use on **cardiovascular outcomes** in ... **effect** of different insulin regimens on CV **outcomes** in **adults** with type 2 **diabetes**. .... NPH insulin using the US-based Integrated Health Care Information Systems ...

### Adherence to Therapies in Patients with Type 2 Diabetes - NCBI

[www.ncbi.nlm.nih.gov](http://www.ncbi.nlm.nih.gov) > NCBI > Literature > PubMed Central (PMC) ▾ 翻译此页

作者: LE García-Pérez - 2013 - 被引用次数: 78 - 相关文章

2013年8月30日 - Over the last 18 years in the **USA**, the proportion of **adults** in the age group ... Such reduced adherence not only results in poor **health outcomes** but it also has a ... of diet and exercise in the **treatment** of **all** stages of type 2 **diabetes** [], ... **heart disease**, 3.4% had stroke and 8.8% had **all-cause mortality** during ...

### Update on Prevention of Cardiovascular Disease in Adults With Type ...

[care.diabetesjournals.org/content/38/9/1777](http://care.diabetesjournals.org/content/38/9/1777)

作者: CS Fox - 2015 - 被引用次数: 34 - 相关文章

Then, we focus on **CVD risk** factor management in **diabetes mellitus**, ... the World Health Organization,



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### Antihypertensive therapy, new-onset diabetes, and cardiovascular ...

[www.ncbi.nlm.nih.gov](http://www.ncbi.nlm.nih.gov) > NCBI > Literature > PubMed Central (PMC) ▾ 翻译此页

作者: JN Basile - 2009 - 被引用次数: 11 - 相关文章

Type 2 **diabetes mellitus** is a worldwide epidemic with considerable **health** and ... Diabetes is an important **risk** factor for **cardiovascular disease**, which is the .... a significant increase in **all-cause mortality** in the intensive **treatment** group led to .... Prediabetes, which **affects** 57 million **adults** and children in the **United States** ...

### Hypoglycemia, Diabetes, and Cardiovascular Disease - NCBI

[www.ncbi.nlm.nih.gov](http://www.ncbi.nlm.nih.gov) > NCBI > Literature > PubMed Central (PMC) ▾ 翻译此页

作者: JK Snell-Bergeon - 2012 - 被引用次数: 62 - 相关文章

**Cardiovascular disease (CVD)** remains the leading **cause** of death in people with .... noting that hyperglycemia has detrimental **effects** on stroke **outcomes** and is a ... also **lead to** an increased **risk** of both hypoglycemia and CV events and **mortality**. .... In a study of 44 hospitals across the **United States**, patients with T2D who ...

### Management of type 2 diabetes: evolving strategies for the treatment ...

[www.ncbi.nlm.nih.gov](http://www.ncbi.nlm.nih.gov) > NCBI > Literature > PubMed Central (PMC) ▾ 翻译此页

作者: EA Nyenwe - 2011 - 被引用次数: 158 - 相关文章

Type 2 **diabetes mellitus** (T2DM) is a heterogeneous **disorder**, characterized by ... The **impact** of diabetes on **US mortality** is significant—72 507 **deaths** in 2006, the .... well as improvement in glycemic control and **cardiovascular risk** factors [17]. .... bariatric surgery has also been shown to reduce **all-cause mortality** in obese ...

### Update on Prevention of Cardiovascular Disease in Adults With Type ...

[care.diabetesjournals.org/content/38/9/1777](http://care.diabetesjournals.org/content/38/9/1777)

作者: CS Fox - 2015 - 被引用次数: 41 - 相关文章