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## Reversal of type 2 diabetes: normalisation of beta cell function in ...

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作者: EL Lim - 2011 - 被引用次数: 472 - 相关文章

2011年6月9日 - An age-, sex- and **weight**-matched group of eight **non-diabetic** participants ...

Keywords: **Insulin** secretion, Liver **fat**, Low energy diet, Pancreatic **fat**, Type 2 **diabetes** ... The underlying **changes** in **beta cell function** have been well ... However, type 2 **diabetes** is clearly reversible following bariatric **surgery** [7].

## Type 2 Diabetes - NCBI - NIH

<https://www.ncbi.nlm.nih.gov> > NCBI > Literature > PubMed Central (PMC) - 翻译此页

作者: R Taylor - 2013 - 被引用次数: 82 - 相关文章

2013年3月14日 - **Insulin resistance** and  $\beta$ -**cell** dysfunction are known to be the major pathophysiologic ... Reversal of type 2 **diabetes** by bariatric **surgery** ... Remission of **diabetes** was related to the degree of **weight loss rather than** to group ... The close association between liver **fat** content and hepatic glucose production ...

## Comparison of Bariatric Surgical Procedures for Diabetes Remission ...

<https://www.ncbi.nlm.nih.gov> > NCBI > Literature > PubMed Central (PMC) - 翻译此页

作者: ML Vetter - 2012 - 被引用次数: 17 - 相关文章

2012年11月1日 - Bariatric **surgery** induces a mean **weight loss** of 15–30% of initial body .... The remission rates were 40.6% **after** RYGB, 26% **after** VSG, and 7% **after** ... used intensive medical management **rather than** routine care as the control. .... **Insulin sensitivity** did **not** improve in a matched **obese** control group with a ...

## Gastrointestinal metabolic surgery for the treatment of type 2 diabetes ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4202361/> - 翻译此页

作者: EH Pok - 2014 - 被引用次数: 15 - 相关文章

Name of Journal: World Journal of Gastroenterology

Manuscript NO: 32724

Manuscript Type: ORIGINAL ARTICLE

### *Basic Study*

**Diabetes recurrence after metabolic surgeries correlates with re-impaired insulin sensitivity rather than beta-cell function**

Teng Liu, Ming-Wei Zhong, Yi Liu, Dong Sun, Meng Wei, Xin Huang, Yu-Gang Cheng, Qun-Zheng Wu, Dong Wu, Xiao-Qian Zhang, Ke-Xin Wang, San-Yuan Hu, Shao-Zhuang Liu

### **Abstract**

#### **AIM**

To investigate factors causing diabetes recurrence after sleeve gastrectomy (SG) and duodenal-jejunal bypass (DJB).

### Match Overview

1	<b>Internet</b> 117 words crawled on 29-Jan-2015 <a href="http://www.ecmj.org.cn">www.ecmj.org.cn</a>	2%
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Diabetes recurrence after metabolic surgeries correlates with re-impaired insul

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[Alterations in gut microbiota during remission and recurrence of ...](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4970478/)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4970478/>

7 Aug 2016 ... Then, we grouped the DJB-operated rats by blood glucose level into the ... We used postoperative HFD to induce diabetes recurrence. .... re-impaired insulin sensitivity in the DJB-RC group 12 wk after surgery. .... Taking into account that insulin resistance and function loss of pancreatic beta-cells could lead ...

[Reversal of type 2 diabetes: normalisation of beta cell function in ...](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3168743/)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3168743/>

9 Jun 2011 ... After 1 week of restricted energy intake, fasting plasma glucose normalised in the ... However, type 2 diabetes is clearly reversible following bariatric surgery [7]. ... Assessments of beta cell function, insulin sensitivity, liver and ..... to acute metabolic changes [33], rather than by stored triacylglycerol per se, ...

[Bariatric surgery and diabetes remission: Who would have thought it?](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4566335/)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4566335/>

Obesity itself triggers insulin resistance and thereby poses the risk of T2DM. ... diabetes remission are not well understood; improved insulin action, beta-cell function and ... proposed in nonobese diabetic patient denominated as "metabolic surgery," primarily ..... Curiously, 19% had recurrence after initial diabetes remission.

[Type 2 Diabetes - NCBI - National Institutes of Health](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3609491/)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3609491/>

14 Mar 2013 ... Insulin resistance and  $\beta$ -cell dysfunction are known to be the major ... of glucose in type 2 diabetes occurred within days after bariatric surgery, before substantial ... conditions, fat is mobilized first from the liver and other ectopic sites rather than ..... Fatty liver leads to impaired fasting glucose metabolism and ...

[Gastrointestinal metabolic surgery for the treatment of type 2 ... - NCBI](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4202361/)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4202361/>

21 Oct 2014 ... The mechanisms of metabolic gastrointestinal surgery are thought to ... after physio-anatomical re-arrangement of the gastrointestinal tract. ... The free fatty acids derived

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## Reversal of type 2 diabetes: normalisation of beta cell function in ...

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作者: EL Lim - 2011 - 被引用次数: 494 - [相关文章](#)

2011年6月9日 - After 1 week of restricted energy intake, fasting plasma glucose normalised in the ... However, type 2 diabetes is clearly reversible following bariatric surgery [7]. ... Assessments of beta cell function, insulin sensitivity, liver and ..... to acute metabolic changes [33], rather than by stored triacylglycerol per se, ...

## Bariatric surgery and diabetes remission: Who would have thought it?

<https://www.ncbi.nlm.nih.gov> > NCBI > Literature > PubMed Central (PMC) - [翻译此页](#)

作者: AK Singh - 2015 - 被引用次数: 9 - [相关文章](#)

Obesity itself triggers insulin resistance and thereby poses the risk of T2DM. ... diabetes remission are not well understood; improved insulin action, beta-cell function and ... proposed in nonobese diabetic patient denominated as "metabolic surgery," primarily ..... Curiously, 19% had recurrence after initial diabetes remission.

## Type 2 Diabetes - NCBI - National Institutes of Health

<https://www.ncbi.nlm.nih.gov> > NCBI > Literature > PubMed Central (PMC) - [翻译此页](#)

作者: R Taylor - 2013 - 被引用次数: 91 - [相关文章](#)

2013年3月14日 - Insulin resistance and  $\beta$ -cell dysfunction are known to be the major ... of glucose in type 2 diabetes occurred within days after bariatric surgery, before substantial ... conditions, fat is mobilized first from the liver and other ectopic sites rather than ..... Fatty liver leads to impaired fasting glucose metabolism and ...

## Alterations in gut microbiota during remission and recurrence of ...

<https://www.ncbi.nlm.nih.gov> > NCBI > Literature > PubMed Central (PMC) - [翻译此页](#)

作者: MW Zhong - 2016 - [相关文章](#)

2016年8月7日 - Then, we grouped the DJB-operated rats by blood glucose level into the ... We used postoperative HFD to induce diabetes recurrence ..... re-impaired insulin sensitivity in the DJB-RC