

## **Pioneering type 1 diabetes therapy safe** **1 型糖尿病开创性疗法初试结果显示安全**

---

- 請注意：中文文字内容只提供簡體版

一个通过重新训练人体免疫系统并减缓 1 型糖尿病恶化的开创性疗法首次试验结果为“安全”。导致患 1 型糖尿病的原因是胰腺内控制血糖水平的 **Beta** 细胞遭到破坏。研究人员们观察了在英国接受该免疫疗法的 **27** 名患者，其病情的恶化速度均呈现下降的趋势。但要想证实该疗法的功效，科学家们仍需进行更大规模的试验。请听报道。

For now, there's no cure for type 1 diabetes. It's caused by a **rogue** immune system destroying the beta cells in the **pancreas** that control **blood sugar levels**.

The **immunotherapy** tries to stop that happening by training the immune system to protect the beta cells. It was shown to be safe in tests on **27** people at the National Institute for Health Research Biomedical Research Centre in London.

There were also **early signs** the therapy was working. There were changes in the immune system and patients did not need to increase their **insulin doses** during the study.

Professor Mark Peakman, who is leading the trial, said larger studies were still needed.

The diabetes charity JDRF said even the **early-stage** findings were exciting and could lead to a time when people no longer have to **inject** insulin every day.

## 词汇表

<b>rogue</b>	异常的
<b>pancreas</b>	胰腺
<b>blood sugar levels</b>	血糖水平
<b>immunotherapy</b>	免疫疗法
<b>early signs</b>	(病情) 早期症状, 早期迹象
<b>insulin</b>	胰岛素
<b>doses</b>	剂量
<b>early-stage</b>	早期的
<b>inject</b>	注射

## 测验

请听报道并回答下列问题。

1. What is the cause of type I diabetes, according to the text?
2. How does the immunotherapy work?
3. True or false? *Patients needed to increase their insulin dose during the test.*
4. Which word in the text means 'a test over a period of time on whether something works effectively'?

## 答案

1. What is the cause of type I diabetes, according to the text?

**The cause of type I diabetes is a rogue immune system that destroys the beta cells in the pancreas that control blood sugar levels.**

2. How does the immunotherapy work?

**The immunotherapy tries to train the immune system to protect the beta cells.**

3. True or false? *Patients needed to increase their insulin dose during the test.*

**False. Patients did not need to increase their insulin doses during the study.**

4. Which word in the text means 'a test over a period of time on whether something works effectively'?

**Trial.**