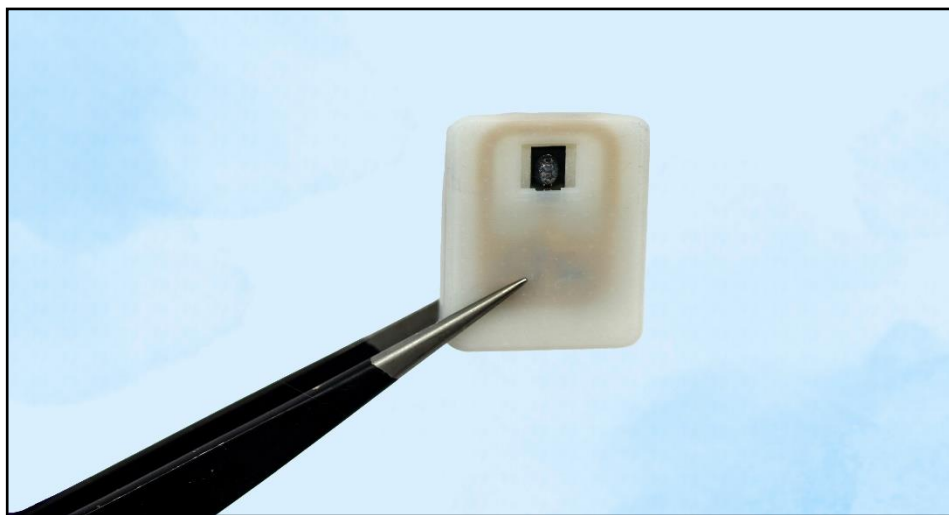


NEWS UPDATE

Date: 11/07/2025

New Implantable Device May Replace Injections for Low Blood Sugar



Researchers at MIT (Massachusetts Institute of Technology) have developed a revolutionary implantable device that releases the hormone glucagon either automatically or manually when blood sugar levels drop too low. This device could eliminate the need for emergency glucagon injections, especially in children with hypoglycemia (low blood sugar).

The device is placed under the skin and works as a real-time responsive system to treat sudden drops in blood glucose. Researchers noted that this innovation could also be adapted to deliver other emergency hormones like epinephrine, broadening its potential for use in conditions like severe allergic reactions.

This breakthrough aims to improve patient safety, comfort, and quality of life, offering a more efficient and less invasive method for managing critical glucose levels.

Source: https://inshorts.com/en/amp_news/new-implantable-device-may-replace-injections-for-low-blood-sugar-1752143761670