

## Artificial Pancreas

Description

An artificial pancreas device system is a system of totally interactive/interconnected technologies that mimics the glucose regulating function of a healthy pancreas. These systems integrate a continuous glucose sensor, insulin pump, and a self-contained glucose control algorithm that can anticipate insulin needs automatically in order to adjust glucose levels in real time independent of user interaction. Currently, open-loop systems such as current threshold suspend systems are steps towards a fully closed-loop, self-regulating system.

These long-term monitoring systems are classified under the FDA’s product classification, OZO: Artificial Pancreas Device System, Threshold Suspend.

See also

- Similar, related, or easily confused documents.
- [Continuous Glucose Monitoring \(CGM\) Systems for Managing Diabetes](#) - Systems are designed to replace traditional finger-stick blood glucose testing.
  - [Diabetes Navigator](#) - Benefit considerations related to diabetes.
  - [Insulin Pump and Supplies](#) - Delivers insulin continuously.

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Document history

The document history for the past 12 months is outlined below.

Date	Description
12.11.23	Updated to new template.
7.22.22	New A-Z sheet

Commercial

Introduction	This section applies to all Commercial brands: Dean Health Plan (DHP), Mayo Medical Plan (MMP), Medica (including MHPS), and Prevea360.						
Benefits (all except MMP)	Not FDA approved. Not covered.						
Mayo Medical Plan (MMP)	Not FDA approved. Not covered.						
Document history	<div>The document history for the past 12 months is outlined below.</div> <table><tr><th>Date</th><th>Description</th></tr><tr><td>12.11.23</td><td>Updated to new template.</td></tr><tr><td>7.12.22</td><td>New A-Z sheet.</td></tr></table>	Date	Description	12.11.23	Updated to new template.	7.12.22	New A-Z sheet.
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Government Programs

Introduction	This section applies to all Medicaid and Medicare products.						
AccessAbility (SNBC),  Minnesota Senior Care Plus (MSC+)	<p><a href="#">Medicaid only groups</a>:</p> <ul style="list-style-type: none"><li>Refer to <a href="#">Medicaid</a> below.</li></ul> <p><a href="#">Medicare eligible groups</a>:</p> <ul style="list-style-type: none"><li>Not FDA approved. Not covered.</li><li>Follows Medicare guidelines.</li><li>Medicare is the primary payer.</li><li>If no Medicare eligibility, Medicaid applies. Refer to <a href="#">Medicaid</a> below.</li></ul>						
AccessAbility Enhanced (I-SNBC),  DUAL (MSHO)	<p>Not FDA approved. Not covered.</p> <ul style="list-style-type: none"><li>Medica is the only payer.</li></ul>						
Cost (Prime)	<p>Not FDA approved. Not covered.</p> <ul style="list-style-type: none"><li>Follows Medicare guidelines.</li></ul>						
Med Advantage	<p>Not FDA approved. Not covered.</p> <ul style="list-style-type: none"><li>Medica is the only payer.</li></ul>						
Med Supp (Select, Signature)	<p>Not FDA approved. Not covered.</p> <ul style="list-style-type: none"><li>Follows Medicare guidelines.</li><li>Medicare supplement.</li><li>Medicare is the primary payer.</li></ul>						
Medicaid	Not FDA approved. Not covered.						
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## Individual and Family Business (IFB)

Introduction	This section applies to all Individual and Family Business (IFB) brands: Dean Health Plan (DHP), Medica, Medica (formerly WellFirst), and Prevea360.						
Benefits	Not FDA approved. Not covered.						
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