

Advanced Insulin Pump Therapy

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Overview

Suggested CDR Learning Codes: 5190, 5400, 5410; Level 3
Suggested CDR Performance Indicators: 8.1.5, 8.3.6, 10.2.9

Insulin pump therapy is a specialty area of diabetes counseling and management for RDs with an interest in patients with diabetes. A dietitian can become certified with the various insulin pump companies as a certified pump trainer (CPT) and work under the prescription of a physician to assess, teach, and manage insulin pump therapy. This therapy was introduced in the 1970s and has steadily grown both in popularity and respect as an option for achieving glycemic control in patients requiring insulin.

An insulin pump is a small programmable device attached to the body via an infusion set consisting of long, thin, flexible tubing with a needle or catheter on the end that the pump wearer inserts subcutaneously. Individuals program and operate the pump to deliver insulin doses matching their specific needs. Insulin pumps deliver insulin continuously in both basal and bolus doses.

This continuing education course provides a brief overview of insulin pump therapy and introduces features of advanced insulin pump therapy, including temporary basal rate, alternate basal profile, and square-wave and dual-wave boluses. Indications for the use of advanced insulin pump therapy also are discussed, as is the research covering the use of advanced features in practice. Suggestions for applying the advanced features are provided as well.

This program is not approved for continuing education credit for DTRs.

Learning Objectives

After completing this continuing education course, nutrition professionals should be better able to:

1. Distinguish between basal insulin and bolus insulin with insulin pump therapy.
2. Evaluate indications for using advanced features of insulin pump therapy.
3. Describe the temporary basal rate feature of insulin pump therapy.
4. Describe the dual- and square-wave bolus features of insulin pump therapy.
5. Identify methods to counsel individuals in the use of advanced features of insulin pump therapy.

Course summary

Available credit:

- 2.00 CDR

Course opens: 10/28/2014

Course expires: 10/27/2017

Rating:



Cost:\$24.00

Faculty

Accreditation

Register/Take course