

Applicant Eligibility for PEI Insulin Pump Program Benefits

Program Eligibility Criteria per Drug Cost Assistance Act Regulations:

A resident may apply to the Insulin Pump Program (IPP) Administrator for enrolment in the program on behalf of a person who meets the criteria set out below or that person may apply on his or her own behalf.

To be eligible to be registered in the PEI Insulin Pump Program and receive an insulin pump and pump supplies through the IPP, the following criteria must be met:

1. Diagnosed by a medical practitioner as having type 1 diabetes and currently under the age of 19 years.
2. Entitled to payment for basic health service benefits under the *Health Services Payment Act* and the *Hospital and Diagnostic Services Insurance Act*.
3. Has had type 1 diabetes for more than a year, some exceptions will apply (e.g. Less than 4 years of age in consultation with a pediatric endocrinologist; zinc allergies; a family with experience using insulin pump therapy)
4. Have pump initiated by a certified pump clinician within the Provincial Diabetes Program or have approval from a Health PEI Diabetes Care Team to have pump initiated at another out of province diabetes center. (e.g.IWK)
5. Assessed and approved by a Health PEI Diabetes Care Team, including a specialist experienced with insulin pump therapy, and the certified diabetes clinicians from the Provincial Diabetes Program.
6. Attended the Provincial Diabetes Program's Insulin Pump Therapy Education Program (individual or group); completed the required home reading, preparation and follow-up; and have demonstrated competency (knowledge and practice) in the following:
 - a: Carbohydrate counting
 - b: Sick day and hyperglycemia management
 - c: Insulin dose adjustment
 - d: Injection site rotation
7. Able to appropriately manage his / her diabetes pump therapy safely, or parents able to manage (e.g., no risk of harm to self, good use of support / family network, have demonstrated good judgment and acts appropriately in potentially risky situations).
 - o Awareness of the requirement to pay for pump supplies as of their 19th birthday.
 - o Awareness of the additional cost associated with extra test strips during the intensive initiation and follow up periods.
8. Attended an appointment with a diabetes care team three or more times in the last year prior to initiating insulin pump therapy (minimum of three visits / year).
 - o At least one of these appointments must occur within Prince Edward Island (e.g.: if PEI resident studying out of province) with a Health PEI Diabetes Care Team.

9. Commit to attend three or more follow up appointments per year post pump initiation with a diabetes care team specializing in insulin pump therapy (minimum of three visits / year).
 - o At least one of these appointments must occur within Prince Edward Island (e.g.: if PEI resident studying out of province) with a Health PEI Diabetes Care Team.
 - o Commit to intensive follow up in the first six weeks post pump initiation as determined by a Health PEI Diabetes Care Team (includes follow up via office visits, telephone, e-mail etc.)
10. Agree to perform self-monitoring of blood glucose (SMBG) a minimum of four times per day (or use glucose sensor) AND to act on the readings.
 - o With an agreement to test more frequently in the first six weeks post pump initiation (typically six to ten times per day)
 - o Must have the financial ability to purchase the additional test strips not covered by the Health PEI Pharmacare program.
11. Ongoing lab monitoring including three or more A1C tests per year before and after pump initiation (minimum of three A1Cs/ year).
12. Actively attempting to meet and/or maintain the personalized A1C goal identified by the applicant / family and his/her Health PEI Diabetes Care Team, with the ultimate goal of achieving an age-appropriate A1C (under 6 years: A1C less than 8%; 6-18 years: A1C less than 7.5% **)
 - o If the A1C is greater than or equal to 10% an assessment by the Health PEI Insulin Pump Review Panel is required to obtain exception status.
13. No more than two episodes of diabetic ketoacidosis (DKA) in the past year.
14. For younger children, or those with limited ability to manage their pump,
 - a: There must be a plan for pump operation when the child is not in the care of family (e.g. daycare, school)
 - b: There must be a designated care giver available at all times in case there is a problem with the insulin pump

** The target A1C for ages 12-18 years differs from the Canadian Diabetes Association 2013 Clinical Practice Guidelines, but is consistent with the International Society for Pediatric and Adolescent Diabetes (ie.ISPAD) and the American Diabetes Association guidelines.