

## NOVA SCOTIA INSULIN PUMP PROGRAM (NSIPP)

### Medical Eligibility Criteria for Pump Initiation/Pump Supplies

The requirements listed below are deemed necessary to be eligible for the provincially funded Nova Scotia Insulin Pump Program (NSIPP).

To be eligible for assistance with the purchase of an insulin pump/pump supplies through the NSIPP, you must meet the following criteria:

1. Pump/Supplies: Age  $\leq$  25 years at some point in the calendar year (Jan. 1 to Dec. 31) for which you are applying.
2. Have had type 1 diabetes for more than a year - some exceptions will apply; e.g., infants, zinc allergies, a knowledgeable family with diabetes management challenges that could be mitigated by pump therapy, etc.
3. Assessed by Diabetes Health Care Team (including a specialist experienced with insulin pump therapy) at an NSIPP-approved Diabetes Centre.
4. Attended the Diabetes Centre's Insulin Pump Therapy Education Program (individual or group); completed the required home reading, preparation, and follow-up; and demonstrated competency (knowledge and practice) in the following:
  - a. Carbohydrate counting
  - b. Sick day management
  - c. Insulin dose adjustment
5. Able to appropriately manage his/her diabetes pump therapy safely (e.g., no risk of harm to self, good use of a support/family network, demonstrates good judgement and acts appropriately in potentially risky situations).
6. Attended an appointment with a Diabetes Health Care Team  $\geq$  2 times in the last year.
  - o  $\geq$  1 of these appointments must occur within Nova Scotia (if NS resident studying out-of-province).
7. Commit to attend  $\geq$  2 follow-up appointments a year with a Diabetes Health Care Team.
  - o  $\geq$  1 of these appointments must occur within Nova Scotia (if NS resident studying out-of-province) at an NSIPP-approved Diabetes Centre.
8. Agrees to perform self-monitoring of blood glucose (SMBG)  $\geq$  4 times per day AND to act on the readings.
9. Agrees to have  $\geq$  2 A1C tests per year.
10. Actively attempting to meet and/or maintain **the personalized A1C goal identified by the applicant/applicant family and his/her Diabetes Health Care Team**, with the ultimate goal of achieving an age-appropriate A1C (under 6 years:  $<$  8%; 6-18 years:  $<$  7.5%\*\*; 19 years and older:  $<$  7.0%).
  - o If the A1C is persistently (over the previous 6-12 months) greater than the personalized A1C goal, the request will need to undergo a special assessment by an NSIPP Diabetes Health Care Team to determine the need for exception status. The local team has the option to refer to another NSIPP team, if desired.
  - o If the A1C is  $\geq$  10%, an assessment by the local NSIPP Diabetes Health Care Team is required to obtain exception status. The local team has the option to refer to another NSIPP team, if desired.
11. No more than 2 diabetic ketoacidosis (DKA) episodes in the past year.
12. For younger children, or those with limited ability to manage their pump:
  - a. There must be a plan for pump operation when applicant is not in the care of family (e.g., daycare, school).
  - b. There must be a designated caregiver 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 ISPAD and ADA guidelines.