

PA Competency Checklist – Addendum: Advanced Diabetes Skills 3.00

PA Name:	Does the PA meet the Standard? (Initial + date)		Plan
	Y	N	

PUMP MANAGEMENT

Demonstrate knowledge of all the various insulin pumps available in Canada.			
Demonstrate an understanding of issues leading to unexplained high blood glucose levels on an insulin pump.			
Teach patients DKA prevention while on insulin pump therapy. .			
Demonstrate an understanding of how to properly assess and make adjustments to basal rates.			
Demonstrate an understanding of how to properly assess and make adjustments to insulin to carbohydrate ratios (ICR).			
Demonstrate an understanding of how to properly assess and make adjustments to insulin to insulin sensitivity factor (ISF).			
Teach patients how to properly test basal rates, insulin to carbohydrate ratios (ICR), and insulin sensitivity factors (ISF).			
Demonstrate an understanding of specialized boluses.			
Demonstrate an understanding of temporary basal rates.			
Demonstrate an understanding of the various infusion sets & reservoirs.			
Teach proper insertion and removal of infusion sets.			
Demonstrate an understanding of how to upload pumps using the pump software.			

Name of PA: NAME Signature: _____ Date: ___/___/___

Name of Primary Supervising Physician: NAME Signature _____ Date: ___/___/___

Name of Supervising Physician: NAME Signature _____ Date: ___/___/___

Name of Supervising Physician: NAME Signature _____ Date: ___/___/___

Name of Supervising Physician: NAME Signature _____ Date: ___/___/___

PA Medical Directive – Addendum: Advanced Diabetes Skills 3.00

Number: 3.00

Activation Date: Date

Review due by: Annual Basis

**Sponsoring/ Contact
Person(s)**

, Primary Supervising Physician

Name, Supervising Physician

Name, Supervising Physician

Name, Supervising Physician

Name, Supervising Physician

Orders:

Appendix Attached

Title: Order Table

(PA NAME) PA may implement orders for and/or perform diagnostic and therapeutic procedures as ordered on the appended Order Table, in accordance with the conditions identified in this directive. Orders for procedures include those for:

- Insulin pump therapy education and pump adjustments

Recipient Patients:

- Adult patient's ≥ 18 yrs of age (or, >16 years old with physician consent) who have been referred to I for diabetes care, related metabolic disorders, or cardio-metabolic risk management.
- Registered to any supervising physician who has approved this directive and
- Being referred for consultation by an physician to a supervising physician who has approved this directive
- Patients referred by advertisements to any physician.

Authorized Implementers:

Appendix Attached

Title: Addendum: Advanced Diabetes
skills 3.00 Competency Checklist

PA(s) who have successfully completed the Competency Assessment, have reviewed the directive and have been authorized to practice under medical directives.

Where PAs are authorized to implement physician orders pursuant to this directive, the following co-implementers may carry the orders out in accordance with their regulatory authority and role descriptions : RN, RD, CRC

Indications:

Appendix Attached

Title: Order Table

1. Patients must have a working diagnosis given by the PA's supervising physician and/or have presenting complaints as identified on the appended Order Table,
2. Unless noted on the Order Table:
 - a. Diagnostic orders may be implemented for patients registered to a supervising attending physician and those referred for consultation who will be registered to a supervising physician.
 - b. Therapeutic orders may only be implemented for registered patients.
3. Unless noted on the Order Table, indications for medications are in accordance with the following medication references:
 - Compendium of Pharmaceutical & Specialties (2013)¹
 - Canadian Diabetes Association, Clinical Practice Guidelines, (2013)²
 - American Diabetes Association, Clinical Practice Recommendations, (2013)³
 - AACE Medical Guidelines for Clinical Practice for the Management of Diabetes Mellitus © (2011)⁴
4. See appended Order Table for specific presenting complaints, working diagnoses and indications

Contraindications:

Patient refuses procedure. See appended Order Table for specific contraindications.

**Guidelines for Implementing the Order /
Procedure:**

Appendix Attached

Title: Order Table

See appended Order Table.

Documentation and Communication:

(PA NAME) PAs will document medication administered and/or therapeutic intervention in the patient record.

Review and Quality Monitoring Guidelines:

Staff identifying any untoward or unintended outcomes arising from implementation of orders under this directive, or any issues identified with it, will report these to Dr. _____ or supervising physicians as soon as possible for appropriate disposition. This does not include untoward or unintended outcomes or issues that are possible clinical sequelae regardless of whether a direct order or directive is used.

Administrative Approvals

PA _____ Medical Directive 3.00 is approved by the Primary Supervising Physician, Dr. _____ and all other _____ physicians acting as supervising physicians for the PA as listed and signed as authorizers.

1 Canadian Pharmacist Association. *Compendium of Pharmaceuticals and Specialties: The Canadian Drug Reference for Healthcare Professionals*. Ottawa, ON: Canadian Pharmacist Association, 2013.

2 Canadian Diabetes Association Clinical Practice Guidelines Expert Committee. Canadian Diabetes Association 2013 Clinical Practice Guidelines for the Prevention and Management of Diabetes in Canada. *Can J Diabetes* 2013;37(suppl 1):S1-S212.

3 American Diabetes Association. "Clinical Practice Recommendations". *Diabetes Care*. 36.1 (2013): S1-108.

4 American Association of Clinical Endocrinologists. "American Association of Clinical Endocrinologists Medical Guidelines for Clinical Practice for Developing a Diabetes Mellitus Comprehensive Care Plan." *Endocr Pract*. 17.1 (2011): 1-53.

Order Table

**Medical Directive
Addendum: Advanced Diabetes Skills 3.00**

Therapeutic Intervention/Medication Administration	Indications / Contra-indications and Guidelines
<p>Insulin pump therapy education and pump adjustments</p>	<p>Indications Adult patient 18 yrs or older (or, >16 yrs old with physician consent)</p> <p>Diagnosed with diabetes interested in learning about pump therapy or on an insulin pump and referred by a supervising physician.</p> <p>Contra-indications Patient refusal</p> <p>Guidelines Competent PAs are able to educate patients on the different pumps available in Canada - how pumps work, pump infusion, pumps safety, etc.</p> <p>Competent PAs are able to teach patients proper insertion and removal of infusion sets including demonstration as necessary.</p> <p>Competent PAs are able to make adjustments to basal rates, insulin to carbohydrate ratios, and sensitivity factors for patients on pump therapy. Adjustments can be made based on CGMS reports, pump data reports or patient glucometer readings, and blood sugar records.</p>

Approving Physician(s)/Authorizer(s):

Primary Supervising Physician: Name

Signature

Date

Supervising Physician: Name

Signature

Date

Supervising Physician: Name

Signature

Date

Supervising Physician: Name

Signature

Date

Supervising Physician: Name

Signature

Date

DIABETES &
ENDOCRINOLOGY

Signature

Date