



**Biosimilar Insulin Resources**

Various biosimilar insulin resources have been shared as part of the PEI Biosimilar Initiative. These resources have been compiled into one document for easier access.

**Originator and Biosimilar Insulin Products:**

Insulin class	Insulin molecule	Originator	Biosimilar
Rapid-acting	Insulin aspart	<b>NovoRapid® (100 units/mL)</b> <ul style="list-style-type: none"> <li>• Cartridge</li> <li>• Vial</li> </ul>	<b>Trurapi® (100 units/mL)</b> <ul style="list-style-type: none"> <li>• Solostar® prefilled pen</li> <li>• Cartridge</li> <li>• Vial</li> </ul>
			<b>Kirsty® (100 units/mL)</b> <ul style="list-style-type: none"> <li>• Prefilled pen</li> </ul>
	Insulin lispro	<b>Humalog® (100 units/mL)</b> <ul style="list-style-type: none"> <li>• Kwikpen® prefilled pen</li> <li>• Cartridge</li> <li>• Vial</li> </ul>	<b>Admelog® (100 units/mL)</b> <ul style="list-style-type: none"> <li>• Solostar® prefilled pen</li> <li>• Cartridge</li> <li>• Vial</li> </ul>
Long-acting	Insulin glargine	<b>Lantus® (100 units/mL)</b> <ul style="list-style-type: none"> <li>• Solostar® prefilled pen</li> <li>• Cartridge</li> <li>• Vial</li> </ul>	<b>Basaglar® (100 units/mL)</b> <ul style="list-style-type: none"> <li>• Kwikpen® prefilled pen</li> <li>• Cartridge</li> </ul>
			<b>Semglee® (100 units/mL)</b> <ul style="list-style-type: none"> <li>• Prefilled pen</li> </ul>

Please refer to the [PEI Pharmacare Bulletins](#) and [PEI Pharmacare Formulary](#) for any formulary updates.

**Insulin pens – detailed comparison charts:**

Please note that insulin cartridges should only be used with the compatible pen(s) identified within the product monograph.

1. [MedSask Insulin Glargine Comparison Chart](#)
2. [MedSask Insulin Aspart Comparison Chart](#)
3. [MedSask Insulin Lispro Comparison Chart](#)

**Patient information:**

1. [Biosimilar patient information – Admelog®](#)
2. [Biosimilar patient information – Basaglar® and Semglee®](#)
3. [Biosimilar patient information – Trurapi® and Kirsty®](#)



**Biosimilar insulin compatibility with Subcutaneous Insulin Infusion (CSII) devices:\*\***

- Medtronic<sup>1</sup>

	MiniMed™ 630G	MiniMed™ 670G/770G	MiniMed™ 780G
Admelog®	Compatible	Compatible	Compatible
Trurapi®	Not Compatible	Not Compatible	Compatible

- Omnipod<sup>2</sup>

	Omnipod® Insulin Management System	Omnipod DASH® Insulin Management System
Admelog®	Compatible	Compatible
Trurapi®	Not Compatible	Compatible

- Tandem<sup>3</sup>

	t:slim X2 insulin pump
Admelog®	Compatible
Trurapi®	Compatible

**\*\* Information current as of July 24, 2024. Please contact the insulin pump manufacturer for updates on compatibility.**

- Health Canada guidance on insulin product and pump compatibility claims can be found [here](#)
- Patients who were accessing insulin aspart (NovoRapid®) vials for use in an insulin pump prior to June 30, 2024, have been set up for continued access to the vials until there is information to support the use of a biosimilar version of NovoRapid insulin in their pump **and** there is a biosimilar version of NovoRapid® in a vial format listed on the PEI Pharmacare formulary.
- For new insulin pump patients requiring insulin aspart in a vial format, the patient or a health care provider can complete the [paper](#) or [online](#) switching exemption form for coverage of NovoRapid® vials.

**References:**

1. Medtronic Canada. MiniMed™ 780G Pumps are now compatible with Trurapi® Rapid-Acting Insulin. March 2024. Document on file.
2. Email on file from Insulet Canada. May 30, 2024
3. Email on file from Tandem Diabetes Care Canada. July 24, 2024