

Originator and Biosimilar Insulins

- Use the same dose (unit to unit) when transitioning from an originator to a corresponding biosimilar (e.g. NovoRapid® to Trurapi®)
- There are no clinical differences in onset, peak, or duration between an originator and the corresponding biosimilar(s)
- There are no expected differences in adverse effects between an originator and the corresponding biosimilar(s)

Drug Class	Insulin Type	Originator	Biosimilar
Rapid-acting	Insulin Aspart	NovoRapid® (100 units/mL) <ul style="list-style-type: none"> • FlexTouch® prefilled pen • Cartridge • Vial 	Trurapi® (100 units/mL) <ul style="list-style-type: none"> • Solostar® prefilled pen • Cartridge • Vial**
			Kirsty™ (100 units/mL) <ul style="list-style-type: none"> • Prefilled pen
	Insulin Lispro	Humalog® (100 units/mL) <ul style="list-style-type: none"> • Kwikpen® prefilled pen • Cartridge • Vial 	Admelog® (100 units/mL) <ul style="list-style-type: none"> • Solostar® prefilled pen • Cartridge • Vial
Long-acting	Insulin Glargine	Lantus® (100 units/mL) <ul style="list-style-type: none"> • Solostar® prefilled pen • Cartridge • Vial 	Basaglar® (100 units/mL) <ul style="list-style-type: none"> • Kwikpen® prefilled pen • Cartridge
			Semglee® (100 units/mL) <ul style="list-style-type: none"> • Prefilled pen

Disclaimer: This chart is current as of January 4, 2024. New dosage formats or future biosimilars may be added as they become available.

** Trurapi® 10 mL vial is available, but not yet listed on PEI Pharmacare formulary

References:

- PEI Pharmacare formulary. Government of Prince Edward Island. (2023, July 26). <https://www.princeedwardisland.ca/en/information/health-pei/pei-pharmacare-formulary>
- CPS [Internet]. Ottawa (ON): Canadian Pharmacists Association; c2023 [cited 2023 November 6]. Diabetes products [insulin products]. Available from: <https://www.myrxtx-ca.ezproxy.library.dal.ca/search>
- CPS [Internet]. Ottawa (ON): Canadian Pharmacists Association; c2023 [updated 2023 June 2; cited 2023 Nov 6]. Diabetes Mellitus [insulin products]. Available from: <https://www-myrtx-ca.ezproxy.library.dal.ca/search>