

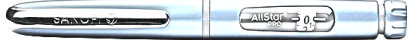



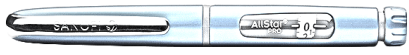








Biosimilar Insulin Pen Comparison Chart¹⁻⁸

Originator or biosimilar	Brand name (Manufacturer)	Unit max	Type of pen	Notes	Visual ⁹⁻¹² (not actual size)
Insulin Aspart					
Originator	NovoRapid® (Novo Nordisk)	80U	Cartridge only	Dial out NovoPen ECHO® reusable pen can deliver 0.5U ¹³ FlexTouch® no longer available	 NovoPen® 4 reusable pen (plus cartridge)
Biosimilar	Kirsty® (Mylan)	80U	Prefilled pen only	Dial out	 Prefilled pen
Biosimilar	Trurapi™ (Sanofi)	80U	Cartridge or prefilled pen	Dial out JuniorSTAR® reusable pen can deliver 0.5U ¹⁴	 AllStar® reusable pen (plus cartridge)
					 SoloStar® prefilled pen
Insulin Lispro					
Originator	Humalog® (Eli Lilly)	60U	Cartridge or prefilled pen	Dial out HumaPen LUXURA® reusable pen can deliver 0.5U ¹⁵ Humalog® Junior KwikPen® prefilled pen can deliver 0.5U ¹⁶	 HumaPen SAVIO® reusable pen (plus cartridge)
					 KwikPen® prefilled pen
Biosimilar	Admelog® (Sanofi)	80U	Cartridge or prefilled pen	Dial out JuniorSTAR® reusable pen can deliver 0.5U ¹⁴	 AllStar® reusable pen (plus cartridge)
					 SoloStar® prefilled pen
Insulin Glargine					
Originator	Lantus® (Sanofi)	80U	Cartridge or prefilled pen	Dial out JuniorSTAR® reusable pen can deliver 0.5U ¹⁴	 AllStar® reusable pen (plus cartridge)
					 SoloStar® prefilled pen
Biosimilar	Basaglar™ (Eli Lilly)	60U for cartridge 80U for prefilled pen	Cartridge or prefilled pen	Dial out HumaPen LUXURA® reusable pen can deliver 0.5U ¹⁵	 HumaPen SAVIO® reusable pen (plus cartridge)
					 KwikPen® prefilled pen
Biosimilar	Semglee® (Mylan)	80U	Prefilled pen only	Dial out	 Prefilled pen

Practical tips¹⁷

- Many pens come in half unit doses. See table for details.
- Only use a reusable pen and cartridges from the same manufacturer (e.g., do not use the Lantus reusable pen with Basaglar cartridges).
- If a patient has more than one type of insulin, use different coloured pens and consider visual cues for each insulin when changing (e.g., keep prandial insulin near where you eat, and keep basal insulin near where you sleep).
- Some pens will feel different for the patient. If a patient finds the prefilled pen difficult to administer, consider the reusable pen. Reusable pens often require less pressure to deliver a dose but will require dexterity to insert new cartridges.

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