

INSULIN GLARGINE

Comparison Chart for Individuals Switching to Biosimilar Insulin
Long-acting insulin analogue, basal



- Use same dose (unit to unit) when transitioning to biosimilar.
- No clinical differences in onset, peak, or duration of action.
- No expected differences in adverse effects.

Product	Lantus[®] (reference biologic)		Basaglar[®] (biosimilar)		Semglee[®] (biosimilar)
Strength	100 units/mL		100 units/mL		100 units/mL
Manufacturer	Sanofi-Aventis		Eli Lilly		BGP Pharma ULC/Viatris
DIN	02251930	02294338	02444844	02461528	02526441
Supplied As	Cartridge — for use with AllStar [®] Pro or JuniorSTAR [®] reusable pen	Prefilled pen – SoloStar [®]	Cartridge — for use with HumaPen Savvio [®] or HumaPen Luxura [®] HD reusable pen (discontinued)	Prefilled pen – KwikPen [®]	Prefilled pen – Semglee [®] pen
Pen colour, injection button colour	AllStar [®] Pro, JuniorSTAR [®] : blue or silver pen	Grey pen, lilac button	HumaPen Savvio [®] : graphite or red pen HumaPen Luxura [®] HD: green pen	Grey pen, light grey with green ring button	Blue pen, purple button
Administration	Remind individuals that the ‘feel’ of delivery devices may be different, but the basic mechanics of dialing a dose and subcutaneously injecting the insulin with a pen remain the same.				
Dosing Increments	AllStar [®] Pro: 1-80 units in 1 unit increments JuniorSTAR [®] : 1-30 units in ½ unit increments	1-80 units in 1 unit increments	HumaPen Savvio [®] : 1-60 units in 1 unit increments HumaPen Luxura [®] HD : ½-30 units in ½ unit increments	1-80 units in 1 unit increments	1-80 units in 1 unit increments
“Clicks” as dose delivered	AllStar [®] Pro: ✓ JuniorSTAR [®] : ✓	✓	✓	X	✓
End of dose “click”	X	X	X	X	X
Prevents dialing of more units than remain	AllStar [®] Pro: ✓ JuniorSTAR [®] : X	✓	HumaPen Savvio [®] : ✓ HumaPen Luxura [®] HD: X	✓	✓
Needle Compatibility	All pen devices are compatible with BD Pro Ultra-fine™, Insupen [®] , NovoFine [®] and Unifine [®] pen needles.				
Storage: unopened	Refrigerated (2-8 °C) until expiration date. Keep away from direct heat and light. Do not freeze.				
Storage: in use	Room temperature [^] (max. 30 °C) for up to 28 days. Keep away from direct heat and light. Do not freeze.				
Ok to return to fridge when in use?	X	X	X	X	X