






REUSABLE INSULIN PEN DEVICE GUIDE





- Prescribe reusable insulin pen devices on acute prescriptions only.
- Add “to be replaced by date” within dosage instructions.
- Prescribe/use a different colour of pen device for each type of insulin.
- The choice of reusable pen device is based on individual patient requirements and preferences. Factors including the insulin cartridge manufacturer, maximum dosage and dose increments should be considered when determining the most appropriate device (note this is not an exhaustive list).
- Ensure all patients initiated on a reusable insulin pen are provided with appropriate training on their use.
- **The table below compares the reusable insulin pen devices listed in the Drug Tariff**
- All pen devices listed are compatible with **BD Viva®** which is the locally preferred brand of pen needles.
- Note: The biosimilar insulins (Admelog® / Trurapi®) are recommended as the first-choice option for new adult patients where the reference insulin (Humalog® / NovoRapid®) is indicated - see [link](#) for further information.

Device Name	Manufacturer	Appearance	Colours available	Dosage (min-max)	Dose Increments	Compatible insulin cartridges	Lifespan	Annual cost of device*
AllStar PRO	Sanofi		Blue, Silver	1-80 units	one-unit	Sanofi 3ml cartridges Examples: Admelog®, Trurapi®, Lantus®	3 years	£8.33
JuniorSTAR			Blue, Red, Silver	1-30 units	half-unit		2 years	£13.00
HumaPen Savvio	Eli Lilly		Blue, Graphite, Green, Pink, Red, Silver	1-60 units	one-unit	Eli Lilly 3ml cartridges Examples: Humalog®, Humulin I/M3/S®, Abasaglar®	6 years	£4.50
NovoPen 6	Novo Nordisk		Blue, Grey	1-60 units	one-unit	Novo Nordisk 3ml cartridges Examples: NovoRapid®, NovoMix® 30, Fiasp®, Insulatard®**, Levemir®, Tresiba®	4-5 years (depending on battery life)	£5.37
NovoPen Echo Plus			Blue, Red	0.5-30 units	half-unit			

*Based on Drug Tariff (October 2024) prices

**Insulatard penfills are being discontinued in March 2025

The reusable insulin pen devices below are being discontinued by the manufacturer. Patients currently using these devices can continue to do so, however, these patients will need to be issued an alternative compatible reusable insulin pen when their device is due for replacement.

Device Name	Manufacturer	Appearance	Colours available	Dosage (min-max)	Dose Increments	Compatible insulin cartridges	Lifespan	Annual cost of device*
Autopen 24	Owen Mumford		Green	1-21 units	one-unit	Sanofi 3ml cartridges Examples: Admelog [®] , Trurapi [®] , Lantus [®]	2 years	£8.97
			Blue	2-42 units	two-unit			
<i>Discontinuation date – December 2024 (one-unit green) and June 2025 (two-unit blue)</i>								
Autopen Classic			Green	1-21 units	one-unit	Eli Lilly 3ml cartridges Examples: Humalog [®] , Humulin I/M3/S [®] , Abasaglar [®]	2 years	£9.10
		Blue	2-42 units	two-unit				
<i>Discontinuation date – March 2025 (one-unit green and two-unit blue)</i>								

*Based on Drug Tariff (October 2024) prices

References:

- 1) [The Drug Tariff \(October 2024\)](#)
- 2) [Electronic Medicines Compendium \(EMC\)](#)
- 3) [Insulin delivery devices – MIMS](#)
- 4) [AllStar PRO Patient Booklet](#)
- 5) [JuniorSTAR Patient Booklet](#)
- 6) [Autopen 24 Patient Booklet](#)
- 7) [Autopen Classic Patient Booklet](#)
- 8) [HumaPen Savvio Patient Booklet](#)
- 9) [NovoPen 6 Patient Booklet](#)
- 10) [NovoPen Echo Plus Patient Booklet](#)

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