

Green Prescribing in Diabetes



The NHS is the largest public sector contributor to the UK's carbon footprint, and 25% of all emissions directly or indirectly caused by the NHS are associated with medicines. This information outlines more environmentally sustainable options for insulin-treated diabetes. Around 60 tons of plastic are produced annually due to insulin pens, most of which is incinerated.

This information sheet has been produced to support switching to reusable insulin delivery devices which reduce the amount of waste produced from diabetes management.

Advantages of reusable insulin pens:

- Can reduce pen-related plastic waste by 80-90% and carbon footprint by 40%.
- Insulin cartridges take up less space in the fridge.
- Negligible difference in cost, usually a small saving if pens are used for more than a year.
- Individuals using insulin cartridge pens can upload to glooko for insulin administration data.

Novo Nordisk

Reusable cartridge pen –

Novopen Echo Plus Blue PIP 419-663

Novopen Echo Plus Red PIP 419-6671

Novopen 6 Blue PIP 419-6697

Novopen 6 Grey PIP 419-6671

Insulin Cartridges –

Tresiba PIP 375-6491

Levemir PIP 305-5472

Fiasp PIP 403-9913

Novorapid 265-2782

Novomix 285-9551



Lilly

Reusable cartridge pen -

Savvio Insulin Pen Device – Red PIP 369-6531

Savvio Insulin Pen Device – Blue PIP 369-6549

Savvio Insulin Pen Device – Graphite PIP 369-6564

Insulin Cartridges -

Lyumjev 100 units/ml cartridge PIP 415-3755

Humalog 3ml Cartridge PIP 248-7486

Humulin I Cart 3ml PIP 221-0896

Humulin M3 Cart 3ml PIP 221-0904

Humalog Mix 25 Cartridges 3ml PIP 258-9604

Humalog Mix 50 Cartridges 3ml PIP 321-2685

Patient Information

Further information on devices can be found at the links below :

Novo Nordisk

<https://www.novonordisk.com/content/dam/nncorp/global/en/our-products/pdf/instructions-for-use/novopen-6/Novopen6-IR.pdf>

<https://www.youtube.com/watch?v=zMHuteng3rY>

Lilly Diabetes

https://www.lillydiabetes.co.uk/assets/pdf/humapen_savvio_ifu.pdf

<https://www.lillydiabetes.co.uk/patient/resources#device-manuals>

