

Insulin delivery devices

- ◆ There are different insulin delivery devices that are now available other than the traditional insulin vial and syringe.
- ◆ Using insulin pens with pen needles may be more convenient for some people.

Overview - Insulin Vial



- ◆ To be used with insulin syringe



Benefits

- ◆ For Insulatard® and Actrapid® you can draw up different types of insulin from the respective glass vials and mixed to be given in just 1 shot.



This cannot be done for Insulin Glargine vial

Disadvantages



Difficulty in reading

Some people may have difficulty seeing the small markings and numbers on the syringes and handling the delicate syringes



Manual mixing required

You will have to manually add up to the total dose if mixing 2 types of insulin together

Overview - Insulin Pen



- ◆ To be used with insulin pen needles

1



Outer Cap

2



Inner Cap

3



Needle

* *You do not need to buy or use any insulin syringes*

Benefits

- ◆ People with poorer eyesight may find it easier to use a pen insulin as the numbers are bigger or they can count the number of clicks

Disadvantages



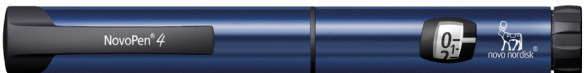
Re-adapt

Need to learn how to operate the insulin pen and assemble pen needles

Overview - Insulin Penfill (cartridge)



- ◆ To be used with reusable insulin pen (e.g. NovoPen®4)



- ◆ And insulin pen needles

1



Outer Cap

2



Inner Cap

3



Needle

** You do not need to buy or use any insulin syringes*

Benefits



More environmentally friendly



May be easier for patients on Mixtard® / Insulatard® / Actrapid® with poorer eyesight and unable to see the markings or numbers on the insulin syringes



May be cheaper than some disposable insulin pen in a long run

Disadvantages

- ◆ Reusable insulin pen weighs about 35g (without the insulin cartridge), slightly heavier than the disposable insulin pen.
- ◆ Need to learn how to operate the insulin pen and assemble pen needles
- ◆ If the patient is prescribed with Actrapid® and Insulatard® insulin cartridges, the patient needs to buy 2 reusable insulin pens.

Contributed by



Copyright © 2023 National Healthcare Group