

InsuJet™ FAQ



For whom is the InsuJet™ suitable?

The InsuJet™ is suitable for everyone who requires insulin therapy. Please note that it is advised to involve your Diabetes Care Specialist if you consider using the InsuJet™ system.

Which types of insulin can be used with the InsuJet™?

The InsuJet™ can be used with all types of U100 insulin.

- Human and animal
- Fast Acting Insulin (bolus)
- Rapid Acting Insulin Analogs
- Regular Human Insulin
- Basal Insulins
- Intermediate-acting, commonly: NPH/ Isophane
- Long-acting, commonly: Glargine, detemir, degludec
- Premixtures (e.g. 30/70).

Which insulin vial and cartridge sizes are suitable for use with the InsuJet™?

Insulin that is supplied in the following manners can be loaded into the InsuJet, using the appropriate InsuJet™ Adaptors:

- 3ml Cartridge
- Disposable insulin pen
- 10ml Vial



I am interested in using the InsuJet. Should I discuss with my Diabetes Care Specialist about switching to the InsuJet™?

Yes. It is advised to involve your Diabetes Care Specialist in any discussion and decision relating to switching to the InsuJet.

I am currently using an alternative insulin administration device. Can I switch to the InsuJet™?

Yes. You can switch to the InsuJet™ but, like any changes in the management of your diabetes, the changeover period needs to be carefully monitored and the Diabetes Care Specialist who is involved in your care, should be consulted.

Will I have to change my type of insulin to use the InsuJet™?

Generally speaking, you will continue to use the insulin prescribed to you, so there should be no change in the types of insulin used.

Is the InsuJet suitable for children and the elderly?

The InsuJet™ should only be used on the recommendation of a Diabetes Care Specialist. These specialists are in the position to assess whether the InsuJet™ is a suitable system for the patient.

Is the InsuJet™ suitable for use by partially sighted?

The InsuJet™ should only be used on the recommendation of a Diabetes Care Specialist. These specialists can assess the suitability of the InsuJet™ for a particular individual and their environment. If you are severely visually impaired or legally blind, it is not recommended to use the InsuJet™ by yourself. A competent caregiver can assist using the InsuJet™.

Will the InsuJet™ cause skin blistering or any other complications?

The InsuJet™ may be used, but with caution, by anyone who bruises or bleeds easily. In the event of excessive bruising the usage of the InsuJet™ should be discontinued. The InsuJet™ will normally not cause blistering, but anyone who has a skin condition associated with the administration sites to be used, should consult his Diabetes Care Specialist before switching to the InsuJet™.

Is needle-free injection painless?

Although often pain free, as with small needles, occasionally you may feel a small pinch. For optimal comfort, make sure that the injected insulin is room temperature, and use an InsuJet™ Comfort Ring.

How big is the jet emitted from the nozzle?

The Orifice of the InsuJet™ is 0,15mm in diameter, which is much smaller than conventional needle gauges used for subcutaneous insulin administration which are 0,23 mm (32G) and 0,25 mm (31G) for ultra fine needles.

Is needle-free injection suitable for higher Body Mass Index (BMI) individuals?

Yes. The InsuJet™ has been clinically tested on people with a higher BMI. The jet administration has proven to be a highly effective measure to administer insulin. A clinical study from 2015 found that insulin administered by needle-free jet injection corrects marked hyperglycaemia faster in overweight or obese patients with diabetes. We recommend to always consult a Diabetes Care Specialist to check if InsuJet™ is suitable for your case before purchase.



How does the InsuJet™ administer insulin?

The back of the InsuJet™ is rotated to compress a spring that is used to power the InsuJet™. The release of the spring forces insulin through a small orifice of a special Nozzle, creating a thin, high pressure stream of insulin that penetrates the skin. In this manner, the insulin is deposited into the subcutaneous tissue.

In case I use different types of insulin, why should I use a separate InsuJet™ device for each type?

The very small amount of insulin remaining in the device may affect the composition of the next insulin draw-up if a different insulin is used. Therefore we recommend using a separate InsuJet™ device for each type of insulin used. Labels with different colours are included in the package. You can use these labels to easily identify the separate devices, as well as their Carry Cases.

What happens if you use the accessories beyond the indicated number of uses?

The InsuJet™ adaptors have no limitation in the number of uses, however, they should be disposed together with the insulin reservoir when empty.

The nozzle has a maximum number of 56 uses. If exceeding the indicated uses, the following may occur;


- Insulin leakage behind the plunger resulting in small deviations in dosing
- Wear and increased friction, resulting in failed (wet) injections

The carry case contains space to carry insulin along with the InsuJet™ injector. How should I store the insulin together with the Injector?

Many insulins can be stored up to 28 days outside of the fridge. Typically, it is not recommended to refrigerate in use insulin, as the temperature fluctuations can impact the insulin. Current data and guidelines indicate that used insulin can be kept at room temperature, best at temperatures below above 25°C.

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MEDICAL DEVICES

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