

InsuJet™ Models Explained

Two Different InsuJet™ Models; Model M and Model S

Every patient has different skin. The InsuJet is suitable for most skin types, but some skins are more sensitive than others. As a result, a single device cannot be perfect for every patient, which is why we introduced two InsuJet Models with a different injection pressure range.

What is right for me; (M)oderate or (S)oft?

Here we explain the considerations when choosing the right Model:

	Model M	Model S
Output	Moderate injection pressure	Lower injection pressure
Pressure range	30–40MPa*	20–25MPa*
Target	Suitable for most adults	More suitable for children
Caution	For some patients, especially with soft skin, the injection pressure may be less suitable and result in an increased occurrence of bruising at the injection site. For these patients, especially young children in the age of 6–12 years old, we recommend changing to the Model S.	For some patients, a lower injection pressure may result in an increase in wet injections. If wet injections occur, changing to the Model M is recommended.

*For reference, tested at V_{mid} units

(i) Age

The standard Model M is designed to be the choice for most of the adult diabetic population. The Model S is designed to be the choice for patients with softer skin, such as children, especially children from 6–12 years of age.

(ii) Injection site

Skin characteristics differ between injection sites. The abdomen is typically softer and easier to inject than for example the outer thighs.

A tougher skin requires a higher injection pressure, so if the outer thighs are a preferred injection site, the Model M is generally more suitable. When using the Model S, injections on the outer thighs should be performed with extra caution as wet injections may occur.

(iii) Skin hardening

Diabetics who have been on insulin for many years may experience skin hardening, making the skin more difficult to puncture with needles and needle-free injections. When skin hardening is observed, the Model M will be recommended.

(iv) Patient demographics

Patient ethnicity plays a role in determining which Model is suitable. The Model S is strongly preferred by patients in East Asia, while in Europe the injection pressure may be insufficient for most of the diabetic population.



insuJetTM

Intended use:

The InsuJetTM insulin-jet administration system is intended for the subcutaneous jet injection of insulin in adults and children with Diabetes Mellitus who require insulin therapy.

Intended user:

Licensed health care professional (HCP) or self-injecting patients or caregivers after proper training obtained from HCP.

Cautions:

- Consult instructions for use before using this device.
- Consult a healthcare provider about your medical condition and appropriate treatment. Always follow the medication manufacturer's instructions for use, contraindications, warnings, and precautions.

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