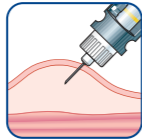
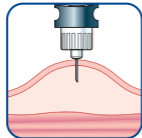
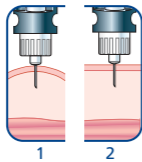
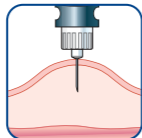


# A needle for every need

Whether your patient is a child, a slim adult, a normal weight adult or an obese adult, NovoFine® 6 mm or 8 mm needles should provide an effective and safe insulin injection when used with the correct technique.

Needle	Person	Technique
6 mm needle	• Child	 45-degree angle of insertion Abdomen or thigh Lifted skin fold
	• Normal weight adult	 90-degree angle of insertion Abdomen or thigh Lifted skin fold
	• Obese adult	 90-degree angle of insertion 1) With lifted skin fold at thigh 2) Without skin fold at abdomen
8 mm needle	• Obese adult	 90-degree angle of insertion Lifted skin fold



NovoFine® needles are developed to be used with the Novo Nordisk range of insulin injection systems and come in the following sizes:

- NovoFine® 30G, 0.30 mm x 8 mm
- NovoFine® 30G, 0.30 mm x 6 mm
- NovoFine® 31G, 0.25 mm x 6 mm

1. Solvig J, Christiansen JS, Hansen B, Lytzen L. Needle length affects insulin deposition in normal and obese diabetes patients. Diabetes 2001; 50 (Suppl 2):A132

B445155 www.kunde.dk



## The finishing touch to diabetes care

At Novo Nordisk we have manufactured insulin for generations. We introduced the first ever insulin pen and pen needle in 1985, making it easier and more discrete for millions of people with diabetes to self-administer insulin. Our state-of-the-art technology has made the NovoFine® needle more comfortable than ever and the perfect finishing touch to diabetes care. Our easy-to-use NovoFine® needle is among the shortest and thinnest available. The NovoFine® short needle offers a safe, effective insulin delivery and Thin Wall Technology improves insulin flow for a more comfortable injection. Combine these features and you have the ultimate in injection comfort and confidence. Make NovoFine® a part of your Novo Nordisk insulin delivery system – the finishing touch to diabetes care.

novofine®



INFO Services



Insulin



Injection Devices



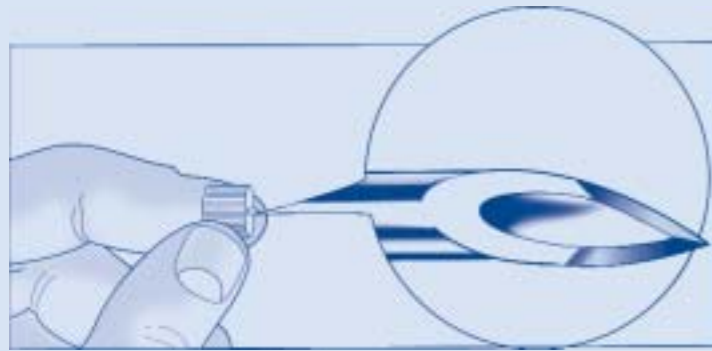
NovoFine®

A PART OF THE NOVO NORDISK INSULIN DELIVERY SYSTEM

# The finishing touch to diabetes care

## Optimum comfort for optimum compliance

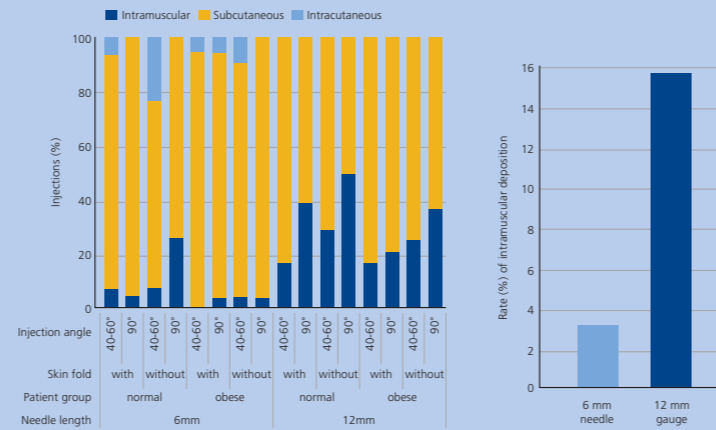
Sharpness plays a pivotal role in pain perception during the injection. Novo Nordisk is at the forefront of production technology with a multi-step needle-sharpening process. Combined with the very fine gauges of NovoFine® 6 and 8 mm needles, this results in high patient acceptance and optimum compliance.



## Consistent and effective insulin deposition

6 mm NovoFine® used with a lifted skinfold and a 90° injection angle results in a close to 100% rate of subcutaneous deposition in both obese and normal weight adults<sup>1</sup>.

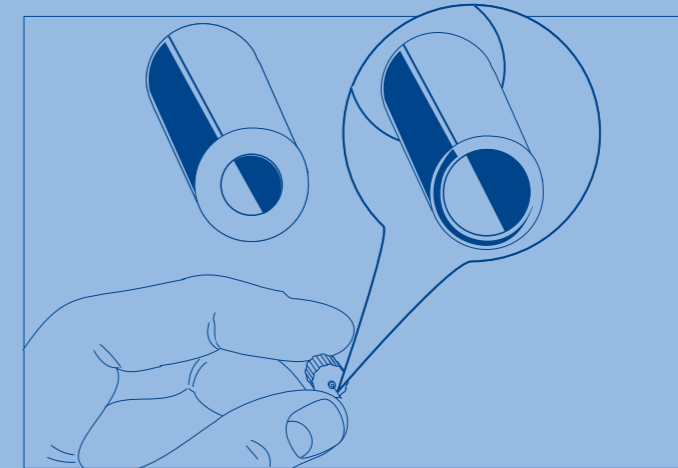
The use of NovoFine® 6 mm significantly reduces the rate of intramuscular deposition compared with 12 mm needles<sup>1</sup>.



## Ergonomic design for ease of use

NovoFine® needles possess unique features due to Thin Wall Technology. This technology allows the lumen of the needle to be increased, while retaining the same overall diameter.

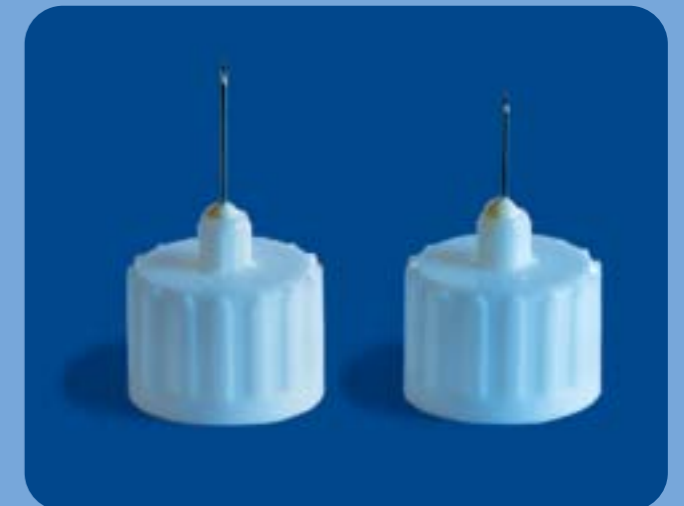
Insulin injection with NovoFine® is ergonomically easier, with less force and time required per injection. Furthermore, less force during the injection reduces tissue damage as a result of force-applied needle movement in the tissue.



## Part of a complete insulin delivery system



The Novo Nordisk insulin delivery system comprises four key elements: Diabetes care services, insulin, injection pens and needles. Each one has taken Novo Nordisk years to develop, and each is an integral part of the complete system. Every complex and intelligent system requires specified components for the entire system to function perfectly. Use the NovoFine® needle and make all the difference to your insulin delivery system.



A PART OF THE NOVO NORDISK INSULIN DELIVERY SYSTEM

INFO Services



Insulin



Injection Devices



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