



Made in Italy

Minimal dimensions



4

33G

4

32G

4

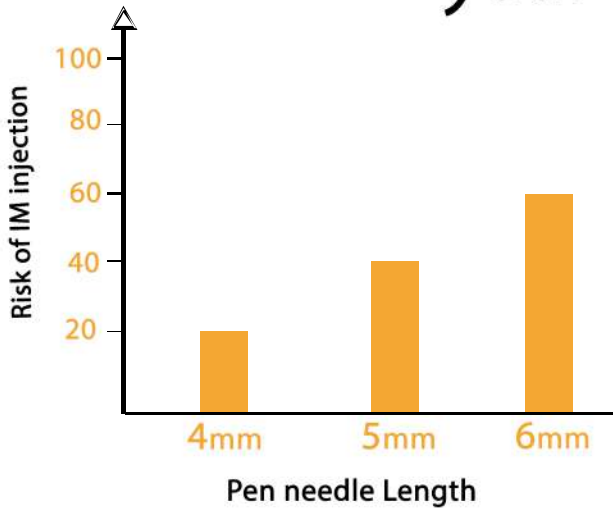


The small dimensions, the new Extr3me tip geometry and the High Flow Thin Wall technology make the 33G pen needle a genuine key to freedom for diabetics. Freedom from the fear of injections, for a comfortable therapy.



Pen needle:

your choice matters!

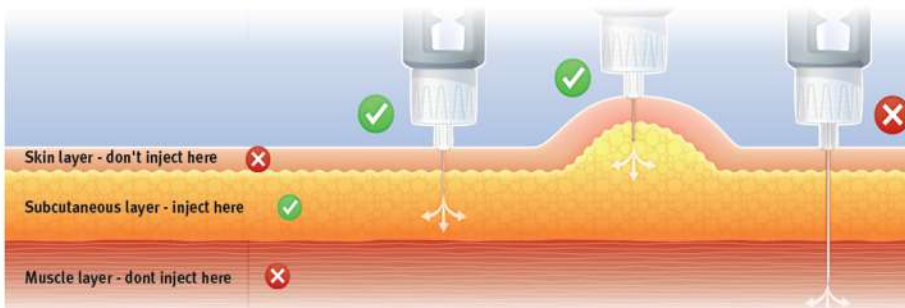


4 mm pen needle is considered the safest pen needle for adults and children regardless of age, sex, ethnicity, or BMI.⁽¹⁾

Figure 1: Risk of intramuscular injection (IM) in children 2-6 years old with no pinch up

The skin thickness :<4mm in %10 of children, especially in the 2–6 yr group. ⁽⁴⁾

Very young children (6 years old and under) and extremely thin adults (BMI<19) should use the 4mm needle by lifting a skin fold and inserting the needle perpendicularly into it.⁽²⁾



Children using pen needles ≥5mm should be changed to 4 mm pen needles if possible; and if not, should always use a lifted skin fold.^(1, 3)

	Children (2-6 years)	Children (>6 years) & Teens (slim)	Children (>6 years) & Teens	Adults (slim)	Adults
4mm					
5mm					
6mm					

References
 1. Frid AH, Kreugel G, Grassi G, Halimi S, Hicks D, Hirsch LJ, et al. New Insulin Delivery Recommendations. Mayo Clin Proc. 55-1231:(9)91:2016.
 2. <https://www.titter4diabetes.com>. FDw, FTI UK Recommendation 2016.
 3. Bahendeka S, Kaushik R, Swai AB, Otieno F, Bajaj S, Kakra S, et al. EADOSS Guidelines: Insulin Storage and Optimisation of Injection Technique in Diabetes Management. Diabetes Therapy. 26-2019:1.
 4. Lo Presti D, Ingegnesi C, Strauss K. Skin and subcutaneous thickness at injecting sites in children with diabetes: ultrasound findings and recommendations for giving injection. Pediatric diabetes. 33-525:(7)13:2012.