Disposable Sterile Intradermal Needles

Version 1.2_2026-05-27



90° Vertical Injection
Easy to operate

200 Punctures No Edge Rolling
Longer use, no needle change

Double Smoothness
Minimal pain

* This product can only be used by healthcare professionals in medical institutions.

NEXTECH™

Product Overview

This product is intended for intradermal injection to deliver the liquid medicine to the dermis **precisely, simply, and safely**.



Type A
Sheath-type Hub



Type B
Collar-type Hub



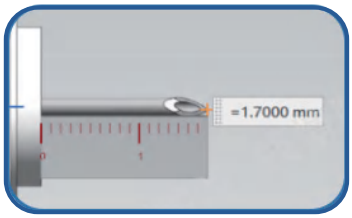
Type C
One-piece Hub

- *Crafted with top-tier stainless steel cannula and precision engineering.*
- *No exposed adhesive to contact the patient's injection site.*
- *Three types of hub adapted for different applications.*
- *Sterilized by ETO, guaranteeing a 4-year shelf life.*

Features and Characteristics

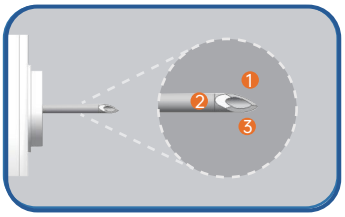
Very short needle length

- Effective needle length: 0.7 ~ 1.7mm.
- Accurate positioning and easy operation.



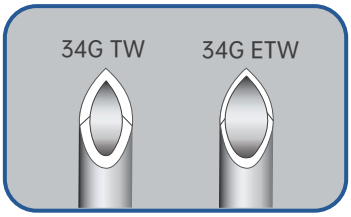
Tri-bevel sharp needle tip

- Reduced penetration force and quick insertion.
- Minimized discomfort and less tissue damage.



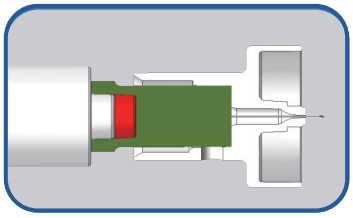
Ultra-fine needle with thin wall thickness

- Three gauges available: 32G, 33G, 34G.
- Two wall thickness options: TW, ETW (only for 34G).



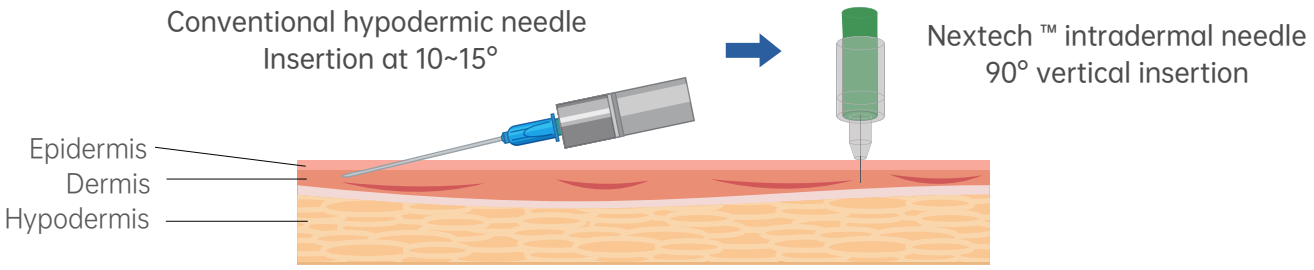
Less residue in the needle

- Optimized hub design for reduced dead space.
- Lower drug waste. More for the patient.



Clinical Application

Intradermal Injection



Recommended Application

Needle Type	Application Field	Applicable Medication	Injection Site
 Type A & C	Medical and aesthetic injection	• Intradermal medications • Aesthetic injectable products: hand-applied hydrafacials botox microdroplet injections local anaesthesia, etc	Around the eyes, upper face, middle of the face, lower face, neck, private area, abdomen, hands, lips , scalp area, etc.

Needle Type	Application Field	Applicable Medication	Injection Site
 Type B	Vaccination	BCG, Mpox, flu, rabies, etc.	Lower outer deltoid, volar forearm, upper arm deltoid area
	Skin test	Antibiotics, local anesthetic, antitoxins, antisera, enzyme drugs, etc.	Lower volar forearm

Research Data

Study site: The Animal Experiment Research Center, Zhejiang University of Traditional Chinese Medicine

Study objective: To compare the wheal range on rabbit skin after injection using a conventional hypodermic needle versus the Nextech™ intradermal needle.



Fig. 1 Comparison of wheal range on rabbit skin after injection

Index	Ordinary injection needle	SN-B3311	SN-B3313	SN-A3313	SN-A3311
L (mm)	7.78±0.57	9.71±1.05**	10.08±0.82**	9.47±0.29**	9.86±0.64**
W (mm)	7.31±0.88	8.73±0.92**	9.42±0.85**	9.24±0.34**	9.63±0.64**
Injection area (mm2)	179.14±28.27	267.41±51.01**	299.92±48.5**	274.54±9.81**	298.35±27.77**

Note: Compared with the ordinary needle group, * $P < 0.05$, ** $P < 0.01$.

Table 1 Comparison of wheal range on rabbit skin after injection

Product Specification

Needle Type	Gauge	Needle Length	Wall Thickness	Model
Type A (Sheath-type Hub)	32G (0.23mm)	0.7~1.7mm	TW	SN-A3207 ~ SN-A3217 SN-A3307 ~ SN-A3317 SN-A3407 ~ SN-A3417
	33G (0.2mm)			
	34G (0.18mm)		ETW	SN-A3407E ~ SN-A3417E
Type B (Collar-type Hub)	32G (0.23mm)	0.7~1.7mm	TW	SN-B3207 ~ SN-B3217 SN-B3307 ~ SN-B3317 SN-B3407 ~ SN-B3417
	33G (0.2mm)			
	34G (0.18mm)		ETW	SN-B3407E ~ SN-B3417E
Type C (One-piece Hub)	32G (0.23mm)	0.7~1.7mm	TW	SN-C3207 ~ SN-A3217 SN-C3307 ~ SN-A3317 SN-C3407 ~ SN-A3417
	33G (0.2mm)			
	34G (0.18mm)		ETW	SN-C3407E ~ SN-A3417E

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