Version 1.0_ 2025-11-21

In the process of obtaining FDA 510(k) clearance and CE MDR certification.

NEXTECH™



Sterile Hypodermic Needle

Extensive Selection

Superior Quality

Easy-to-Use Safety

For subcutaneous and intramuscular injection.
For use by qualified healthcare professionals only.

Masterful Craftsmanship. Redefining Clinical Injection Experience.



01

Crafted with top-tier hypodermic cannula and precision engineering.

02

Featuring a high-acuity tip for reduced penetration force and a smooth inner wall for lower gliding force.





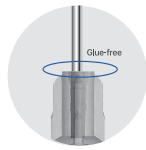
06

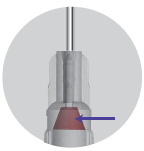
Coated with solid cross-linked silicone for enhanced lubricity, maintaining sharpness through up to 200 penetrations.



03

No exposed adhesive to contact the patient's injection site.





05

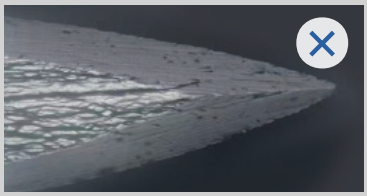
Minimized dead space for the hub significantly reducing the drug residue.

04

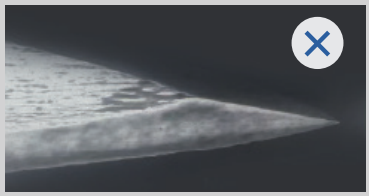
A built-in membrane filter effectively removing insoluble particles for a safer injection.



Precision Steel. Impeccable Technology. Unrivaled Quality.



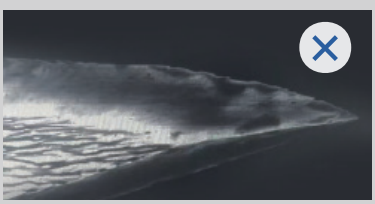
Competitor 1



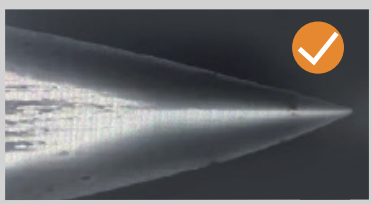
Competitor 2

Competitor 1-3:

The needle tip is irregular in shape with serrated edges and burrs.



Competitor 3



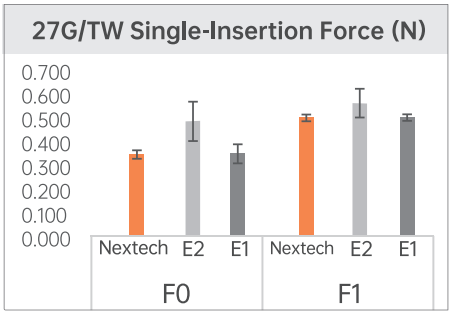
Nextech™

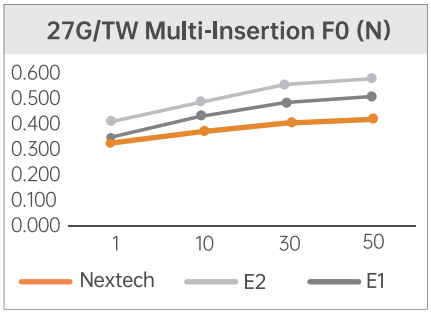
Nextech™:

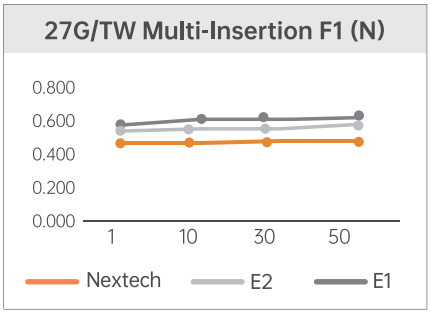
The needle tip features geometric precision, a micro-smooth surface, and polished edges.

*Available on specific models only.

Sharp Needle Tip Coated with Cross-Linked Silicone Oil. Resistance to Barbing After Repeated Use and Minimal Patient Discomfort.





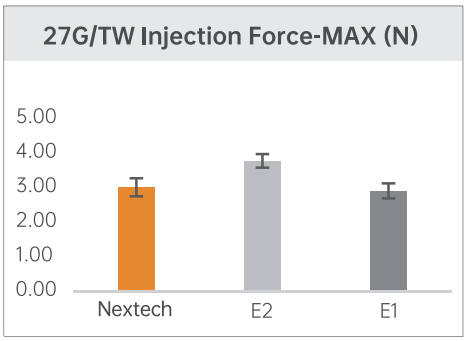


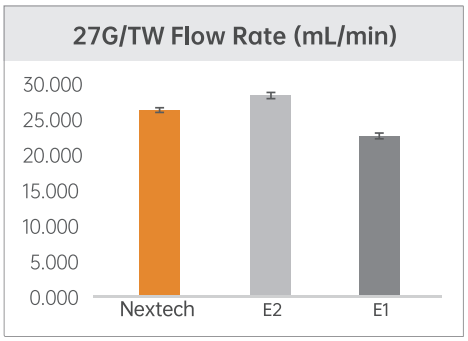
Conclusion:

① Single insertion: Resistance is on par with the leading international brand E1.

② Multiple insertions: Nextech™ pulls ahead with significantly lower resistance.

Smooth inner-wall. Low injection force. High flow rate. Easy injection process.



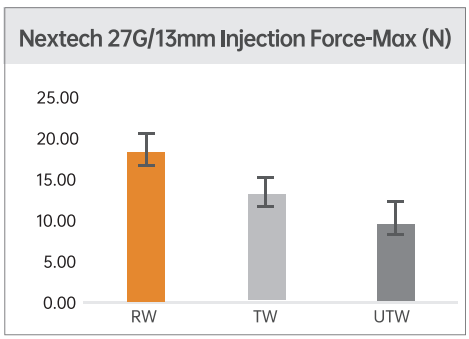


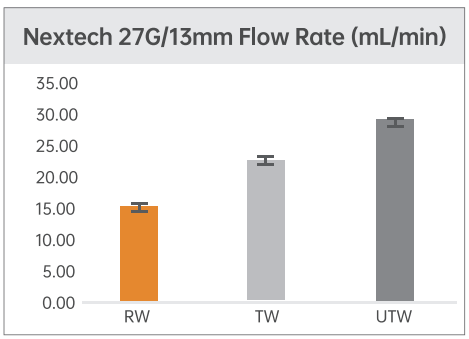
Conclusion:

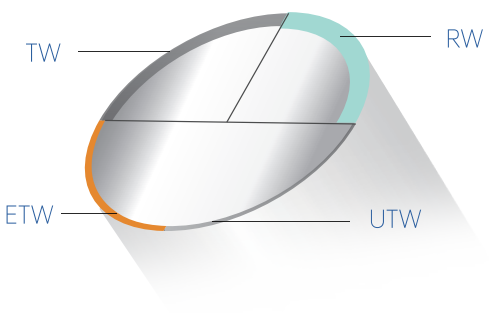
① The injection force is comparable to Brand E1, and lower than another international brand E2.

② The flow rate is comparable to Brand E2 and higher than Brand E1.

Multiple wall thickness options. Increased inner diameter. Higher flow rate. Lower injection force. Reduced operator effort.

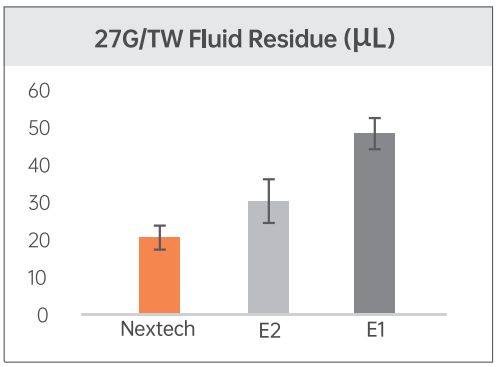


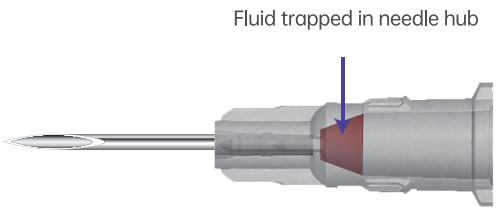




* Data source: Hangzhou Qiantang-Longyue Biotech Co. Ltd.

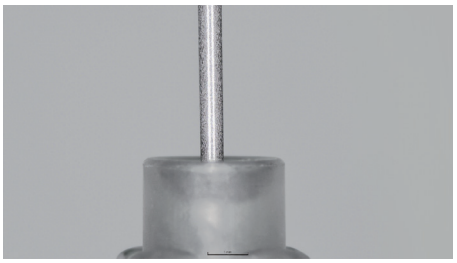
Less residue in the needle. Reduced drug waste. More for the patient.





Data source: Hangzhou Qiantang-Longyue Biotech Co. Ltd.
Conclusion: Nextech™ has a significantly lower residual volume than both Brand 1 and 2.

Advanced adhesive bonding process. Zero glue exposed. No contact with injection site. Much lower risk of infectious inflammation.


Nextech™


Brand E1


Brand E2

Specifications

Specification	Description
Cannula Outer Diameter	18G~34G
Usable Cannula Length	2mm~50mm
Wall Thickness Type	RW / TW / ETW / UTW
Needle Tip	Triple-Bevel Point
Cannula Material	SUS304 Stainless Steel
Hub Material	Polypropylene (PP) / Polycarbonate (PC)
Primary Packaging	PP Shell and Cap / PC Shell and Cardboard Backing
Sterilization Method	ETO / E-Beam
Sterility Assurance Level	10^{-6} or Greater
Shelf Life	5 Years



NEXTECH™

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