



# ClickZip Needle Retractable Safety Syringe

ClickZip™ is the future of needle safety

ClickZip™ prevents reuse and needlestick injury due to its innovative tilted needle technology that encapsulates the needle in the syringe barrel



## Description of technology

ClickZip™ has been specifically designed, with no add-on safety feature, to be used exactly like a traditional syringe with the added benefit of a locking mechanism that 'clicks' into place when the needle is fully depressed. When the plunger is fully depressed post injection the piston will easily engage the retraction mechanism, at which time an audible 'click' will be heard enabling the user to pull back the plunger drawing the needle through the hub into the barrel and tilting to one side. The plunger is then snapped off leaving the needle safely encapsulated in the barrel for safe and easy disposal. This action conforms with the reuse prevention (RUP) norms. No special techniques are required to use the safety mechanism. Clear visualisation of the injection site is possible at all times. The mechanism clearly shows the needle is contained in the syringe barrel. After standard techniques for injection, all parts of the syringe are discarded as per organisation protocols.

The innovative ClickZip™ range includes the ClickZip™ Needle Retractable Safety Syringe with its high-quality, triple bevel needle is designed for increased patient comfort. A high-quality manual retractable needle injectable delivery system. No leakage and minimal dead space.

Numedico's ClickZip™ products provide improved safety to the healthcare industry by reducing needlestick injuries, preventing needle reuse, and decreasing infections from bloodborne pathogens. The wide spread use of this technology is primarily concerned with community safety and its long term health.

ClickZip™ meets international standards for medical devices and OSHA recommendations for needlestick safety devices.

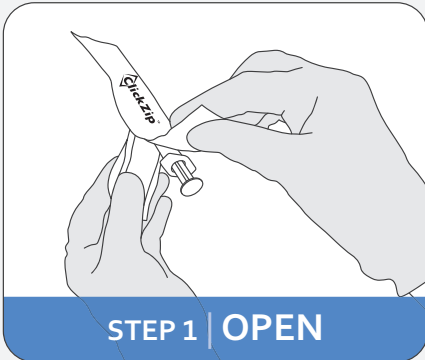


## Features and benefits of ClickZip™ technology

Features	Benefits
Highest quality Japanese designed stainless steel cannulas	Sharp needle to reduce pain for patient
Latex free	Eliminates latex sensitivities
No leakage	Avoids contamination
No gap – minimal dead space	Reduced viral survival
Active-retractable needle technology – manual retraction	Increased user control
After the injection is given, the user can retract the needle before or after removing the needle from the patient	Reduce needle exposure Increase users control and safety
No change to injection technique	No or minimal training required – simple to use
When retracted after use, the needle tilts to one side into the syringe barrel	Encapsulating the needle in the barrel of the syringe increases safety, reduces risk of needlestick injury, prevents reuse of needle and reduces need for sharps container
The barrel incorporates the needle back-stopper	Prevents the syringe disassembling
The safety feature is an integral part of the device	No need to 'add-on' safety features, no additional operation required and user-friendly technology
The user can hear and feel when the locking mechanism is activated	The user knows when injection has been successfully delivered, increasing the user's confidence Meets NIOSH recommendation for needlestick devices
After needle retraction, the plunger is snapped of encapsulating the used needle	Safe disposal after use and further prevention of reuse or needlestick injury
Break away plunger	Prevents reuse
Full compliance with ISO Quality System for Manufacturing	Meets international standards for medical devices
Low manufacturing cost	Cost competitive verses other safety engineered medical devices
ClickZip™ technology flexibility	Compatibility with various medical devices for drawing and injecting medicines and drugs

## Instructions for use

The ClickZip™ Needle Retractable Safety Syringe is to be used for intra-muscular or subcutaneous injection of medications into a patient and is intended to prevent needle stick injuries.

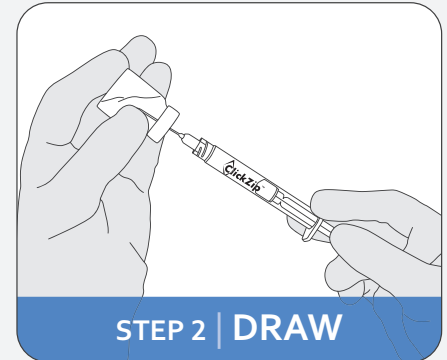


STEP 1 | OPEN

- > Follow hygiene & PPE processes.
- > Open paper wrap from the top by separating the paper and peeling downwards.
- > Remove safety cap.

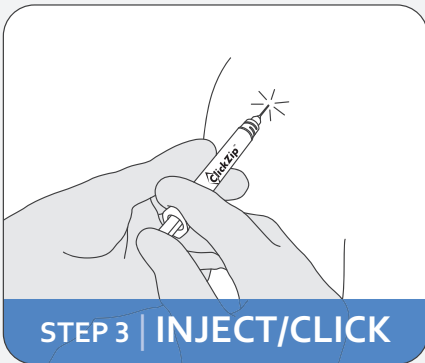
### WARNING

**DO NOT** depress the plunger to the end to avoid activating the safety mechanism



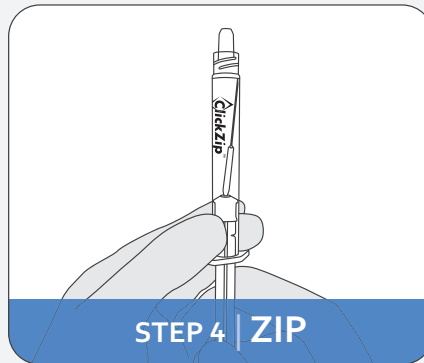
STEP 2 | DRAW

- > Ensure the needle is fixed tight.
- > Draw out the medication.
- > Use a standard aseptic technique to fill the syringe.



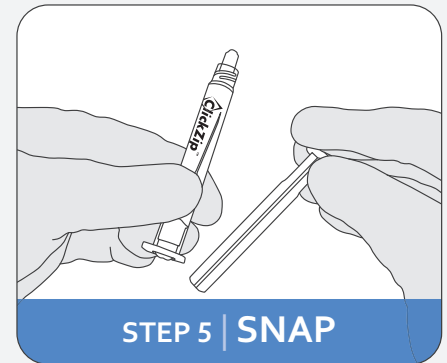
STEP 3 | INJECT/CLICK

- > Inject the medication by fully depressing the plunger to engage the locking mechanism.
- > User should feel and hear a click.
- > Remove syringe/needle from patient.



STEP 4 | ZIP

- > Remove (zip) the plunger back to safely retract the needle into the barrel.
- > The needle will tilt to one side to prevent needlestick injury and reuse.

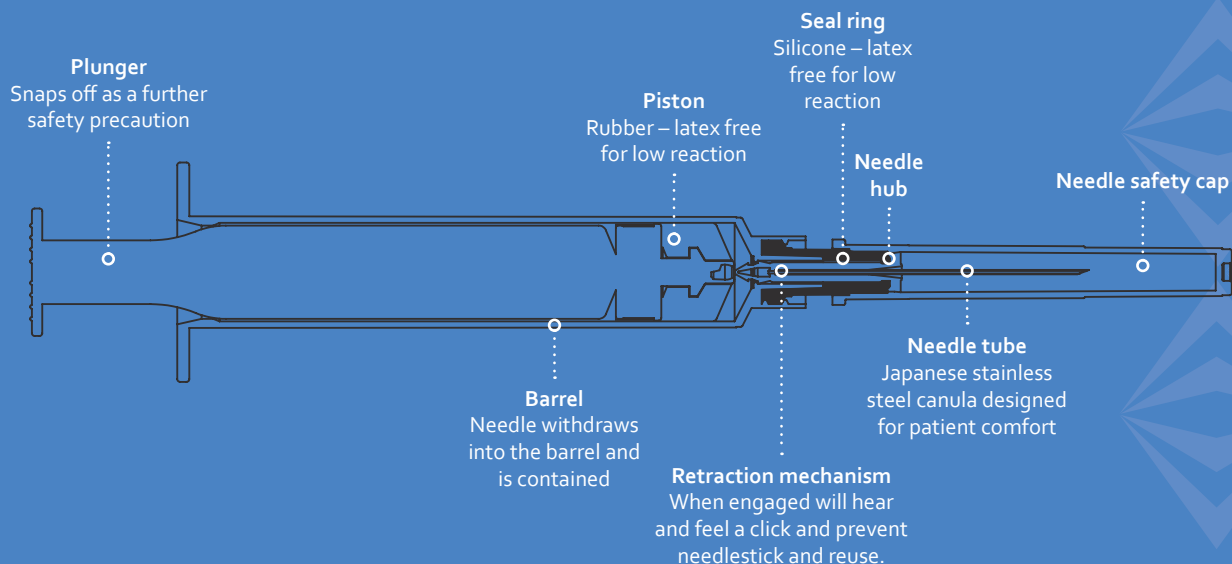


STEP 5 | SNAP

- > Snap off the plunger at the breaking point.
- > Discard the complete unit as per your policy.

## Product Structure of the ClickZip™ technology

ClickZip™ Needle Retractable Safety Syringe™ is a single use sterile needle retractable safety syringe (RUP Syringe) that include a feature that draws the needle up into the syringe barrel and is intended to prevent needlestick injuries.



## List of standards for ClickZip™ Needle Retractable Safety Syringe Product Package Information

Needle Size	0.5ml	1ml	2ml	3ml	5ml	10ml
Qty Box/pcs	100	100	100	100	100	100
Qty Carton/pcs	3,000	3,000	3,000	2,400	1,800	1,200

The ClickZip™ Needle Retractable Safety Syringe is US 510K FDA Approved and CE marked and listed with World Health Organization (WHO). The product offers **low dead space** (exceeding standard requirement). Minimum order quantity 100,000pcs.

Note:

- Prevent heavy pressing, keep out direct sunlight, extreme heat, exposure to rain, snow or wetting.
- Keep at a temperature between +5°C and +60°C.
- Sterilization: EO gas.
- Shelf Life: 5 years from manufacturing date.

## ClickZip™ Needle Retractable Safety Syringe Range

Needle	Size mm	Size inch	Hub colour	Insulin 1ml	0.5ml	1ml	3ml	5ml	10ml
30G	13	1/2	Red	✓	✓	✓			
29G	13	1/2	Grey	✓	✓	✓			
27G	8	5/16	Grey	✓	✓	✓			
26G	13	1/2	Dark Red	✓		✓			
26G	16	5/8	Dark Red	✓		✓			
26G	7.9	5/16	Dark Red	✓		✓			
25G	25	1	Orange			✓	✓	✓	✓
25G	16	5/8	Orange				✓	✓	✓
24G	25	1	Purple			✓	✓	✓	✓
24G	38	1 1/2	Purple				✓	✓	✓
24G	16	5/8	Purple				✓	✓	
23G	25	1	Blue			✓	✓	✓	✓
23G	38	1 1/2	Blue				✓	✓	✓
23G	32	1 1/4	Blue				✓	✓	✓
22G	25	1	Black				✓	✓	✓
22G	38	1 1/2	Black				✓	✓	✓
22G	32	1 1/4	Black					✓	✓
21G	38	1 1/2	Green						✓



## List of standards for ClickZip™ Needle Retractable Safety Syringe Range

The ClickZip technology pertains to the ISO 13485, ISO7864, ISO7886, ISO 8537 as the ISO standards that pertains to our range.



For animated instructions visit:  
[numedico.com/clickzip-needle-retractable-demonstration-video/](https://numedico.com/clickzip-needle-retractable-demonstration-video/)

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**Numedico**  
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Numedico is the proprietor and wholesaler of the Swiss-designed ClickZip™ technology