



-Tip™

Needle-Free
Injection System

Product Overview

The J-Tip is a revolutionary needle-free jet injector, providing patients with a quick and virtually pain free anesthetic prior to routine needle procedures.



0.25mL J-Tip Needle-Free Subcutaneous Jet Injector

Benefits



Quick and
Easy to Use



Virtually
Pain Free



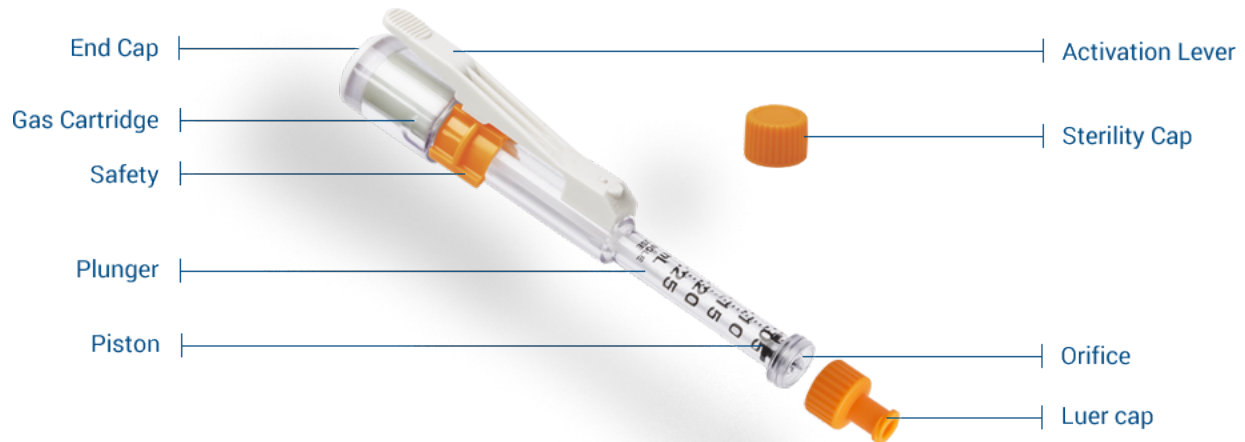
Needle
Free



Helps Improve
Patient Satisfaction

Technology

The J-Tip is a U.S. FDA cleared, sterile, single use, needle-free jet injector indicated for use with Xylocaine (lidocaine). The J-Tip's innovative technology uses compressed CO₂ gas to propel a fine stream of liquid anesthesia into a spray like pattern thus, creating a quick absorption and broad dispersion of medication once inside the subcutaneous tissue. The CO₂ gas does not come into contact with the medication and is safely expelled from the device once the injection has been given. The anesthesia takes effect in as quickly as 1-2 minutes and can last up to 15-20 minutes.



Uses and Applications

The J-Tip is cleared for use with Xylocaine (lidocaine). We recommend using the J-Tip with 1% buffered lidocaine if available, or a standard preservative free lidocaine (MPF), as these medications have been found to be most comfortable for patients vs. regular lidocaine.

The J-Tip can provide local anesthesia for pain relief prior to the following procedures and more:

- IV Starts
- Blood Draws
- Lumbar Punctures
- PICC insertions and IM injections
- Minor Surgical Procedures

The J-Tip can help reduce procedural pain in these departments:

- ER
- Pediatrics
- Child Life
- Infusion Therapy
- Vascular Access Team (VAT)
- Anesthesiology
- Surgical Services
- PICU
- Radiology
- Pain Management

Clinically Proven

J-Tip has been included in multiple studies and clinical trials has been utilized in many medical facilities for over a decade. Many of these studies have evaluated the efficacy of the J-Tip when compared to other products used for pain management prior to routine needle procedures.

In 2015 ENA Clinical Practice Guideline Committee gave us their highest level of recommendation (Level A) to Subdermal Local Anesthetic with Needle-Free Delivery (using the J-Tip).

In 2008 a study was completed by Kosair Children's hospital to compare ELA-Max to J-Tip prior to IV's in pediatric patients. This was their finding: "J-Tip jet injection of 1% buffered lidocaine provided greater anesthesia than a 30-minute application of ELA-Max according to patient self-assessment of pain for children aged 8 to 15 years undergoing PIV catheter insertion." *Study information available on request.

As Easy as 1,2,3,4!



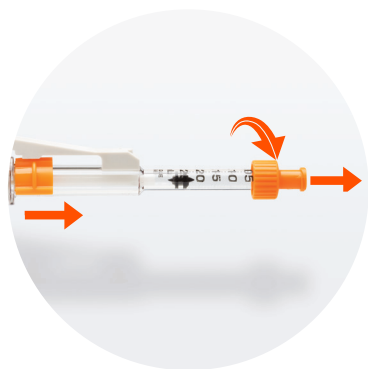
1

Select an injection site and prepare with disinfectant.



2

Fill J-Tip with medication.



3

Slide orange Safety Collar forward and remove orange Luer Adapter Cap.



4

Press the J-Tip against skin with a slightly firm compression at a 90° angle. Squeeze Activation Lever to inject. Do not inject directly over a vein.

Refer to User Guide and Instructions for Use (IFUs) to ensure safe injections.

Optional Components



J-Tip Sterility Cap

Many hospitals choose to fill the J-Tip prior to its time of use. We recommend the use of a Sterility Cap to protect the J-Tip after it has been filled and prior to its time of use. Store J-Tip at room temperature (60-100 °F).



Universal Vial Luer Adapter

For users who choose to fill the J-Tip by the bedside, we recommend using a Universal Vial Luer Adapter in combination with a standard luer lock syringe to draw medication from a vial and transfer it into the J-Tip. This keeps the J-Tip processes completely needle-free.