



J-Tip™

Needle-Free
Injection System

FAQ's

What medications are cleared for use with J-Tip? Also, why should I use buffered or preservative free lidocaine vs. regular lidocaine?

The 0.25 ml J-Tip Injector is indicated for the use with Xylocaine (also known as lidocaine). Some health care providers prefer to use buffered lidocaine to lessen the stinging/ burning sensation that can be experienced with regular lidocaine. A secondary option has been methylparaben free (MPF) lidocaine as it can have a longer shelf life. Please consult with your institution and hospital's pharmacy if buffered or preservative free lidocaine can be used. Please note that in most cases buffered lidocaine does have a shorter shelf life.

How do I fill the J-Tip?

The J-Tip can be filled by a clinical staff member at bedside or by a hospital's pharmacy. You will need the desired medication and a standard luer syringe. Please refer to our User Guide and training downloads under the Resources tab for directions and more information.

Can I change the dose of medication in the J-Tip?

Medication can be added to the J-Tip but cannot be withdrawn once transferred into the J-Tip. The user must be careful to fill to the proper dosage. All adjustments of medication and removal of air bubbles should be done in the luer lock syringe prior to filling the J-Tip. (A 1 mL syringe is recommended for ease of transfer.) If overfilled, expel medication and discard the J-Tip.

How long does the J-Tip last? Can it be reused?

The J-Tip should take effect within 1-2 minutes and last roughly 15-20 minutes depending on the patient. J-Tip cannot be reused as, it is a sterile, single-use, disposable device.

I heard that J-Tip makes a noise. What does it sound like?

When a J-Tip is activated, it makes a 'pop' followed by a 'hiss' sound, similar to opening a can of soda. This is the sound of the gas traveling through the device and exiting through a small circular port opposite of the activation lever. It is a good idea to let the patient know of the sound ahead of time or to use distraction methods if the patient is more anxious.

What does the J-Tip feel like? Does it hurt?

For most patients, the most they feel is a little pressure of air or a slight flick like a small rubber band. When using 1% buffered lidocaine, the J-Tip should help to minimize any sting or burn that can be associated with regular lidocaine.

What should I expect after a J-Tip injection?

It is common to see one of the following after injection:

- 1) a pinpoint blood reflux at the injection point
- 2) a small skin wheal at the injection site

Both occurrences are completely normal. The skin wheal will flatten out over time and increase your numbing area. On average, the numbing area covers about the size of a dime.

What are the contraindications and precautions for using the J-Tip?

The J-Tip is contraindicated for patients receiving chemotherapeutic agents as they may report increased incidents of tissue necrosis, ecchymosis or bleeding at the injection site. The J-Tip Precautions are for patients receiving anticoagulants or those with anticoagulant disorders. Please reference our User Guide as well as our IFU sheet.

Is J-Tip latex free?

The J-Tip is made of a plastic material called Polycarbonate, the device is not made with natural latex.

Why is a 1ml syringe recommended over a 3mL or 5mL syringe when filling J-Tip?

We recommend a 1ml syringe as it is easier to fill the J-Tip with a small diameter syringe. A 1ml syringe also allows greater control of the volume of medication that is transferred into the J-Tip.

What is the coverage I can expect from the injected medication?

The area of coverage can vary for each individual person. Typically, most of the medication is likely to spread to the size of a dime in diameter. Using gauze to massage the area after injection can help to achieve maximum coverage of the medication.

When should I remove the tourniquet when used to administer the J-Tip?

If a tourniquet is used to enlarge a vein, it should be released prior to use of a J-Tip.

What parts are removed from the J-Tip prior to activation?

It is important to remove all the orange pieces prior to use. These orange pieces include the safety and cap.

Why should I avoid injecting over a vein?

Injection should not occur over a vein in order to prevent rupture/trauma. Furthermore, this prevents medication from directly entering the blood stream.

Is there a limit to how many J-Tips are used on a patient?

This will need to be determined by your doctor or pharmacist as they will need to factor in weight of the patient and acceptable lidocaine levels.

How long is the medication effective after administering with J-Tip?

This will depend on how fast the patient metabolizes lidocaine. The average window of time reported is 15-20 minutes.