

The LeEject 2® Dental Syringe and Safety Needle System

Introduction

The LeEject 2 syringe and needle system is a dental device designed to eliminate the **recapping and unscrewing stages** of current technology. This new technology requires a learning process, so please visit the website, www.LeEject.com and watch the instructional video.

Indications for Use

The LeEject Syringe and needles are indicated for the use of local anesthetic cartridges for infiltration and nerve block anesthesia administered prior to, or in conjunction with dental procedures.

Warnings

1. AVOID applying extreme physical pressure or bending the needle which may cause the needle to break.
2. DO NOT pick up dropped needle with hands; use dental pliers or hemostat to pick up the dropped needle.
3. Avoid transferring uncapped needles to other **dental personnel to avoid risk of needlestick injury.**

Precaution

1. The LeEject 2 syringes can only be used with the LeEject needles.
2. A sharps container with a large opening, such as Sharps-A-Gator by Covidien (Model 31144010) or Wallmate by BD, are recommended for easy drop off the needles. It is mandated to keep a sharps container in each treatment area.
3. **Multiple injections on the same patient may be made using one needle, but the used needle should be discarded promptly when injections are completed. If more injections are needed later, please use a new needle.**
4. If the seal is broken, the needle is not sterile and must not be used.
5. If the plastic Safeguard is damaged, it must be replaced.

Cleaning/Sterilization Instructions

1. The syringes are sold non-sterile, and must be sterilized prior to use.
2. The syringe should be thoroughly cleaned in an ultrasonic cleaner to remove all traces of blood, saliva, and anesthetic solutions at the end of each procedure.
3. After cleaning, sterilize the syringe in an autoclave according to an approved National/International Standard. Follow the autoclave guidelines for proper sterilization.
4. Store syringe in a dry sterile area.

Operating Instructions

Please watch the instructional video from our website, www.LeEject.com

Insertion of the LeEject Needle

1. The Safeguard is the only **plastic** part, and it is designed to secure the needle. Rotate the Safeguard to align the cone receptacle area.
2. Twist off the short protective cap and expose the cone, and place the cone part of the needle into the syringe.
3. Rotate the safeguard clockwise to stabilize the needle.
4. Remove the long cap just prior to injection.

Insertion of an anesthetic cartridge

While the plunger is pulled, place the anesthetic cartridge into the syringe barrel.

Manual Aspiration

Tap the thumb ring so that the harpoon would engage the rubber plunger of a cartridge. Always aspirate just prior to injection and inject slowly.

Removal of a cartridge

Disengage the harpoon from the cartridge by pulling the thumb ring rapidly. Push the cartridge out through the small window underneath. Pick up the cartridge with opposite thumb and forefinger. If another cartridge is needed, place another cartridge into the syringe.

Disposal of Needle

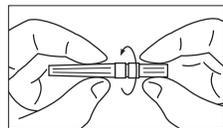
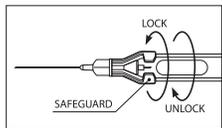
1. **Remove the cartridge prior to removing the needle.**
2. Rotate the safeguard counterclockwise to expose the cone part of the needle, and invert the syringe upside down so that the needle will fall directly into an opening of a sharps container placed below.
3. Alternatively, dispose the needle onto a dental tray. Use dental pliers or hemostats to pick up and drop off the needle into a sharps container **immediately.** Keep your working area safe and clean.

User Assistance Information:

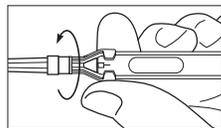
Contact: Advanced Technology & Capital, Inc.
5 Sylvan Avenue, Englewood Cliffs, NJ 07632

by email at info@LeEject.com or call us at +1 201 803 5202.

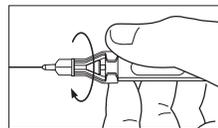
LeEject 2® Syringe Instructions



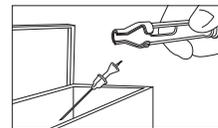
1. Twist off the protective cap.



2. Place the needle into the syringe and rotate the plastic Safeguard counter clockwise.



3. After use, remove cartridge and turn over Safeguard clockwise.



4. Position syringe and invert it so that needle falls into sharps container.



LeEject 2® Syringe & Needle
Dental Safety Device