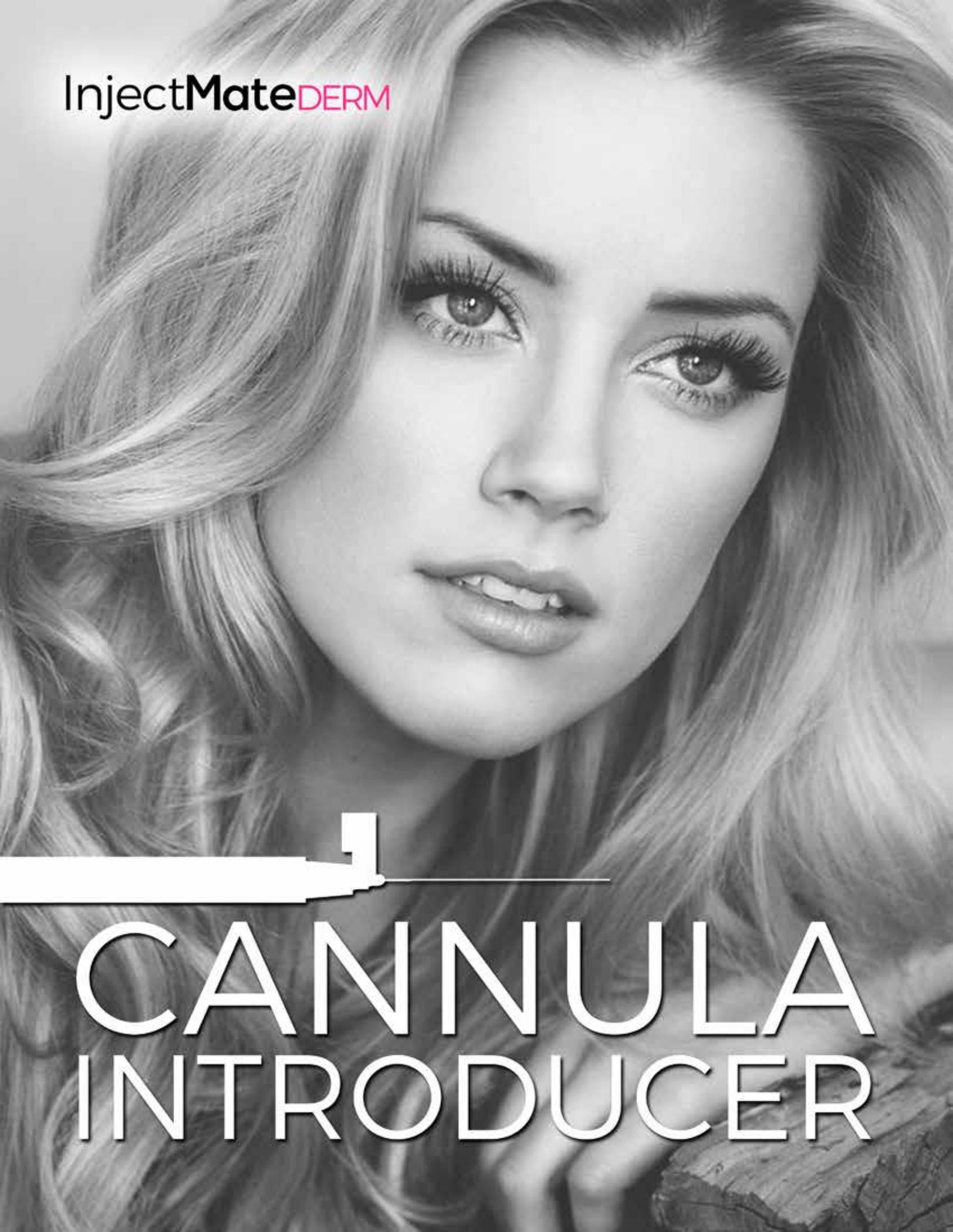


InjectMateDERM



CANNULA  
INTRODUCER

**InjectMate®** is a cannula introducer needle, designed to provide the safest, most efficient and easy delivery of cosmetic dermal fillers via a one-step injection process.

The blunt, hollow needle is inserted into the dermis and stays in place while a cannula is snaked through its opening. InjectMate® provides 360 degree access from fewer injection sites, for easy and precise control to achieve smoother contouring with less bruising, swelling and pain.

Benefits of injecting with a cannula versus a needle for soft tissue fillers are well-established in research.<sup>1</sup> Cannulas provide a blunt, atraumatic, flexible tip, reducing the risk of intra-arterial injections and increasing patient comfort. Micro-cannulas are ideal for lifting and sculpting areas that require deeper injection—nonsurgical rhinoplasty, the chin, jawline, cheeks, nasolabial folds, tear troughs, brows and body of the lips. Fear of using fillers around the eyes and in the nose centers around penetrating and ‘clogging’ vessels with filler material, causing a lack of blood flow that could cause skin death or even blindness. Gentle movement of a blunt cannula through the tissue minimizes such concerns.

### INJECTMATE® TECHNIQUE

Our technique for using cannulas is to make a small nick in the skin with our slightly larger introducer needle and then introduce a smaller-caliber cannula.

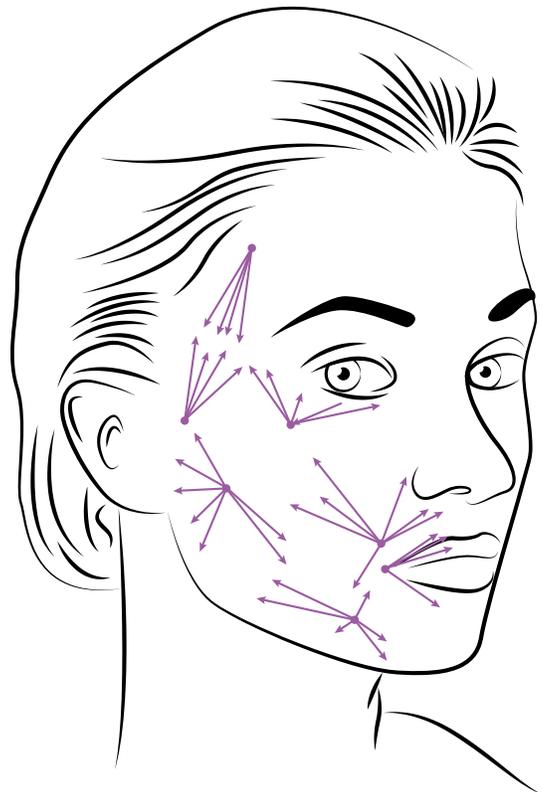
The small puncture site is maintained and not lost after it is made. The skin is pinched with the non-injecting hand and the introducer needle is placed with the injecting hand and locked into place. With the introducer needle in place, the practitioner can use the injecting hand to pick up the syringe with the cannula, glide it through the introducer and effectively manipulate the deposit of filler in a fan-like or matrix pattern using fewer entry points.

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*Aesthetic practitioners should have a detailed understanding of facial anatomy; the individual characteristics of available fillers; their indications, contraindications, benefits, and drawbacks; and ways to prevent and avoid potential complications.*

## Benefits of Using a Cannula + InjectMate®:

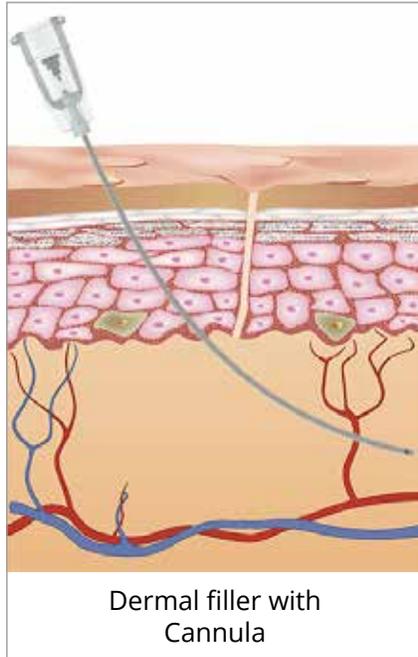
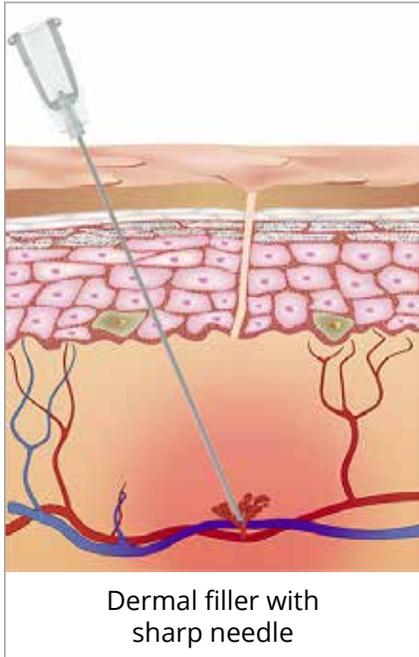
- Blunt, atraumatic tip
- One-handed, one-step injection technique
- Ease of careful, controlled delivery
- Best product flow rate
- No product loss
- Fewer injection sites—treat tear troughs, cheeks and nasolabial folds, or lips, nasolabial folds, marionette lines and lower cheek from a single port
- Ideal for tear troughs and hand rejuvenation
- Less risk of injuring surrounding important structures (eyes)
- Less pain
- Less bruising and swelling
- Less social downtime
- Saves time
- Does not require anesthesia or blocks
- Real-time aesthetic effects—no compensating for epinephrine
- More sterile
- Reduces risk of needle stick injury to providers



## References:

1. [Aesthet Surg J. 2016 Dec 16. pii: sjw220.](#)
2. [Aesthetic Plast Surg. 2016 Dec 28. doi: 10.1007/s00266-016-0756-0.](#)
3. [Aesthetic Plast Surg. 2016 Dec 23. doi: 10.1007/s00266-016-0725-7.](#)

# Needle vs Cannula



## Safety

Blunt cannulas are a much safer way to inject dermal fillers. Blood vessels bounce off the tip of a cannula and are not injured as easily as with needles. Embolization from unintentional injection can cause vision impairment, blindness, stroke and damage to underlying facial structures. The risk of a vascular catastrophe is almost

eliminated with a blunt cannula because it cannot enter a vessel. For treatments in more sensitive areas, such as the tear trough, using blunt tipped micro-cannulas is the only sensible option.

## Flexibility & Control

Sharp tipped needles are rigid. Cannulas are flexible and move freely and easily. To

deliver precise aesthetic enhancements, too much flexibility is overcome with the InjectMate® solution. It allows practitioners to control their movements in a more predictable, yet flexible fashion.

## Number of Entry Points

Sharp needles require multiple entry points to deposit the product in a bolus or linear fashion. Cannulas require fewer entry points to deposit filler in a fan-like or matrix pattern.

## Patient Comfort & Downtime

In a competitive marketplace, patients are demanding more comfortable, less traumatic treatments and reduced social downtime, which can last up to 2 weeks if bruising occurs. A cannula technique makes the treatment quicker and less painful, without needle re-entry. There is less swelling and bruising due to the reduction in tissue subcision.

A clinical study compared the swelling, pain and bruising experienced with a sharp tipped needle and a blunt tipped micro-cannula for the injection of dermal filler. The study concluded that blunt tipped cannulas showed more rapid patient recovery than sharp tipped needles. Pain scales scored at the point of injection were slightly less with the cannula, and swelling was significantly reduced compared to the use of a sharp needle.

# InjectMate Solutions



Cannulas help to address many areas of pan-facial augmentation and volume replacement.

- For the supra- and infra-orbital areas, we utilize a 27-gauge introducer and a 30-gauge, 1½-inch cannula.
- For the cheek and oral commissure, we use a 25-gauge introducer and a 27-gauge, 1½-inch cannula.
- For the nasolabial fold, we use a 27-gauge introducer and a 30-gauge, 1½-inch cannula.
- For the dorsal hand and décolleté, we use a 27-gauge introducer and a 25-gauge, 1½-inch or 2-inch cannula.

"Fanning" is the preferred injection technique for cheek augmentation; other areas, such as the periocular area, may be best treated with "linear threading" of cannulas.



## Dr. Gayle Misle, M.D.

Founder & Medical Director at Reviv Medical Spa

Dr. Gayle Misle is dedicated to providing the safest cutting edge technology for skin rejuvenation and aesthetic improvement. She has participated in the Fellowship for Antiaging Medicine and is an accomplished member of the American Academy of Antiaging Medicine. She completed comprehensive training programs for aesthetic procedures, laser systems, skin tightening and wrinkle reduction, sclerotherapy, rich plasma skin rejuvenation and HCG hormone balance. Dr. Misle brings over a decade of experience as Chief of Anesthesia at San Leandro Hospital, as the Director of Anesthesiology at San Leandro Surgery Center, and as a pain management physician.

Dr. Misle is a graduate of the University of Nebraska College of Medicine. She was an Intern and resident in the Department of Anesthesiology at The University of Nebraska and the University of California at Davis.

# What Patients Are Saying



“ I used to get fillers on Fridays so I wouldn't have to go back to work in case of swelling or bruising. Now that Dr. Misle uses InjectMate, it's truly a lunch time procedure and no one is the wiser. And it hurts less!”



“ No more 50 poke marks all over my lips. That was embarrassing!”



“ Dr. Misle created a very natural look using a cannula technique. My left cheek is now symmetrical and not over-filled. I tried other providers in the past but regular needles left my filler too close to the surface and made me look older. Also there is no more bruising.”



“ I am of Asian descent and had dark circles under my eyes. Fillers made the thin skin look lumpy until we tried the microcannula system to deposit it evenly.”