

A close-up portrait of a woman's face, focusing on her eyes, nose, and lips. She has a slight smile and her hand is raised near her lips, with her fingers slightly curled. Her nails are painted a light, glossy white. The background is a soft, out-of-focus light blue. In the upper center, there is a gold-colored rectangular overlay with a textured, metallic appearance.

DR MATTEO  
**VIGO**  
PLASTIC SURGERY

GUIDE TO THE TYPES  
OF **DERMAL FILLERS**



Injectable dermal fillers can give you a more youthful look for a fraction of what a traditional facelift costs. Most will fill hollows, lines, and wrinkles in less than 30 minutes with results that can last from 6 months to more than a year.

Injectable dermal fillers, unlike Botox injections that relax the muscle under a wrinkle, fill the line, crease, or area with one of several different substances. As a result, trouble spots nearly disappear.

Dermal fillers can also be used as "volumizers," plumping and lifting cheeks, chins, jawlines, and temples; filling out thin lips, and plumping sagging hands.

The treatment is fast and easy. But all wrinkle fillers have a downside, including the risk of allergic reaction and the formation of tiny bumps under the skin. In some cases, those bumps may be permanent. And sometimes, a bluish skin discoloration known as the Tyndall effect happens. The color change can last for several months, but there are treatments available. In very rare cases, skin cells may die if the wrinkle fillers are not used properly. There have also been a few reported cases of blindness and nerve paralysis. Typically, the wrinkle fillers that last longer are the ones more likely to cause side effects.

Not every dermal filler is right for every type of correction. The least risks and best results come from using the right one correctly. That's why you should only have fillers injected by a board-certified dermatologist or plastic surgeon with ongoing, special training.

Here is a breakdown of available dermal fillers. It includes their basic ingredients, how they work, their pros and cons, and the best areas for treatment. I can help you choose the right one for you.

## HYALURONIC ACID

The most popular category of dermal fillers is hyaluronic acid. Each type works in a slightly different way with varying results.

Side effects are rare but can include redness, swelling, and bruising at the injection site. The filler may also show up under the skin as tiny bumps. This is a problem that often improves over time.

How long the results last varies from several months to over a year or two. Some research shows that repeated injections may help stimulate the body's own natural production of collagen. That will help reduce the number of lines and wrinkles. There is also some evidence that less filler is needed over time to achieve the same look.

Hyaluronic acid fillers include:

- Juvederm Voluma
- Juvederm Volift
- Juvederm Volbella
- Neauvia intense
- Neauvia stimulate
- Neauvia rheology
- Restylane kiss
- Restylane-Lift
- Restylane Defyne
- Teosyal redensity 1 and 2
- Teosyal RHA 3





### **SYNTHETIC FILLERS**

This smaller category of wrinkle fillers includes lab-made substances that are not related to anything found naturally in the skin.

All the fillers in this group have similar side effects, such as redness, swelling, or bruising at the site of the injection. Other side effects include nodules or bumps under the skin that can be seen and felt and that, in rare instances, may require surgery to remove.

The benefits include a longer-lasting effect. And at least one filler offers semi-permanent filling of lines and creases. Remember, products with longer-lasting effects are more likely to cause side effects. And when not used correctly, synthetic fillers may cause disfigurement.

Synthetic wrinkle fillers include:

- Ellanse
- Radiesse
- Sculptra

It is important to underline that permanent fillers such as liquid silicone are dangerous and may cause severe disfigurement on the patient. Such fillers are responsible for a beautiful result in the immediate period, followed by migration, infection, displacement and other severe problems over the months/years. It is so recommended not to use them at all to avoid all this kind of problems.



## **COLLAGEN FILLERS**

Scientists made the first fillers from a purified form of collagen extracted mostly from cows. Although it worked well and offered a natural-looking fill, the results didn't last long. Most collagen injections began to break down as early as 1 month after treatment. Because these wrinkle fillers were made from an animal source, they also had a higher rate of allergic reaction and required allergy testing beforehand.

New ways of processing the collagen have helped lower the risks. Plus, new forms of synthetic collagens are making these injections safer and more useful to a wider range of people. Although the results don't last as long as other fillers, many believe the results are more natural looking.

Side effects of collagen injections include some risk of allergic reaction (mostly for those still using cow sources), as well as bruising and redness at the site of the injection.

Collagen injections include:

- Cosmoderm
- Evolence
- Fibrel
- Zyderm
- Zyplast

## **AUTOLOGOUS FILLERS**

Fat is the most commonly used substance in this category. Your own fat is surgically removed from your thighs, buttocks, or stomach, treated, then injected. You will need to have two procedures (one to remove the fat and one to inject it). Both procedures can be done in one visit. Additional fat purification steps done in the lab can be costly and time-consuming. Results can be semi-permanent, although you may need a series of injections done over time.

Risks are similar to other wrinkle fillers, including bruising, redness, and swelling at the site of the injection. Because the fillers come from your body, these injections do not require FDA approval.

## **MINIMIZING RISKS AND INCREASING GOOD OUTCOMES FOR ALL FILLERS**

Dermal fillers are among the safest cosmetic procedures in use today. But there are things you can do to help ensure your treatment is safe:

Don't let price be your guide. If you are offered a filler treatment that costs far less than the standard treatment, it's likely some compromises are being made, either in the skill of the provider or the quality of the product. Never risk making a bargain with your face.

All fillers should be done in a medical setting with sterile instruments. Treatments done in homes, hotels, spas, or resorts are not being done in medical environments, regardless of who is doing them.

Do not get injectable fillers from sources outside a doctor's office. Know what you are being injected with, and ask your doctor if an FDA-approved filler is being used and if it was purchased directly from the maker. There have been reports of everything from industrial-grade silicone to baby oil being used. If a provider won't give you this information, don't let them do the procedure.

Use sunscreen daily to help preserve the filler and help protect against post-inflammatory pigment changes due to the needle sticks from injections.



DERMAL FILLERS  
GLOSSARY OF  
TERMS

## WHAT WORDS SHOULD I KNOW ABOUT DERMAL FILLERS?

### **BOTOX**

There is 100% a difference between Botox and fillers. Botox stops the small muscles in your face from making the movements that cause wrinkles, whilst dermal fillers plump from below the wrinkle to smooth them out and promote the youthful look.

### **CALCIUM HYDROXYLAPATITE**

RADIESSE is comprised of Calcium Hydroxylapatite (CaHA) microspheres suspended in an aqueous gel carrier.

### **COLLAGEN**

Connective tissue component of skin.

### **DERMAL FILLER**

These are products which are injected into the skin (the dermis – that is the dermal part) to fill or plump up skin that may be wrinkled or lined. The effects are semi-permanent lasting up to 18 months.

### **GLABELLA**

The space between the eyebrows and above the nose, where muscle movement commonly results in vertical frown lines.

### **HYALURONIC ACID**

Also called Hyaluronan or Hyalronate, a chief component of cellular matter, particularly connective tissue in the human body. Synthetic hyaluronic acid is the chief component of many dermal fillers.

### **JUVEDERM**

The brand name for an injectable hyaluronic acid - based dermal filler.

### **LIDOCAINE**

A common anesthetic agent.

### **NUMBING CREAM**

A form of anesthetic by topical cream to numb tissue prior to injections or laser procedures.

### **NEAUVIA INTENSE**

Deep tissue restoration of volume & correction: Intense is suitable especially to deep filling of skin depression (included deep wrinkles and nasolabial folds), cheeks, chin and nose modelling, face contouring and temples, in moderate and strongly aged skin.

### **POLY-L-LACTIC ACID (PLLA)**

As a poly-L-lactic acid (PLLA) collagen stimulator, Sculptra Aesthetic is different. It works with your body within the deep dermis, rather than topically, to help revitalize collagen production and help restore your skin's inner structure and volume.

### **RADIESSE**

The brand name for an injectable calcium hydroxylapatite, - based dermal filler.

### **RESTYLANE**

The brand name for an injectable hyaluronic acid - based dermal filler.



A BRIEF NOTE FROM  
DR. MATTEO VIGO





I decided to become a doctor at early age but I was not aware of the world of Plastic Surgery. Once I have discovered it I fell in love with the whole concept behind and how this field of Medicine can be helpful for many people.

I passionately believe that, in order to improve the physical aspect of a patient, the plastic surgeon needs to combine the principles of art and science, adopting a global approach to understanding the individual desires.

Plastic Surgery is a truly fascinating, dynamic, constantly evolving field of medicine and I believe that the role of a Cosmetic Surgeon is unique and highly privileged.

My main goal is to understand the needs of a patient and try to transform their desires into reality. The role of a plastic surgeon is not only merely surgical but also supportive in the decision process of the best treatment to help patients finding themselves and their wellbeing.

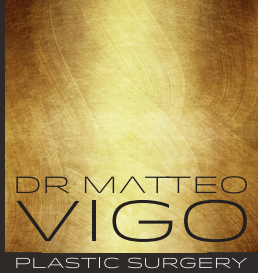
All these steps are taken into consideration once a person walks in my office and the service I am offering them is always at the top.

I am combining experience, quality and professionalism to evaluate each single case and offer the best solution for my patients.

**"Because you deserve the best"** is my motto and I want always to put the patient at the centre of what I am doing.

You have to feel pampered, understood, listened, loved once in my office and the feedback of this feelings from my patient is my best satisfaction.

Dr Matteo Vigo



## FILLERS IN DUBAI

Click [here](#) to learn more about  
Dermal **Fillers in Dubai.**

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To book a Dermal Fillers consultation with  
Dr Vigo, please contact us today.

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