The inside to Dermal fillers and what they do

Dermal fillers



What are dermal fillers?

from:
http://www.plasticsurgery.org/cosmetic-procedures/dermal-fillers.html

Dermal fillers help to diminish facial lines and restore volume and fullness in the face.

Through the years of working with skin and many clients, the question about fillers often arises so here on week 205 we did extensive research on the new procedures and updated Derma Fillers, and by the time our post comes out there will probably be new ones coming out on the market as we speak, so taking that into consideration, we are going forward with our research. Thank you for your understanding, Esthetic procedures are like software they are consistently updated, we strive to get the latest information from well known authorities, and they usually have the latest upgrades, so with that said here we go.

I personally prefer a non surgical approach to refreshing my looks without major consequences like long term anesthesia, nonreversible results not to mention not ever looking like my self again, that is my preference. I don't condemn what other peoples choices are, to each their own, so for the people that wish to take a different approach we are sharing very valuable information, enjoy the journey.

It seems to me that by the time I would finish doing surgery at the bottom of my body I will have to start on my face all over so I just feel good with what is simply minimal that makes a difference and I still look very much like my self just rested.

In Chinese medicine I learned that our emotions and diet has a lot to do with our looks, one little example is the Spleen,

this organ rules many crucial functions in our bodies like weight lost, droopiness, cellulite and much more so we can do as many procedures as we want, but if we don't support the health of our bodies and minds we are back to the drawing board sort of speak, and by the way Spleen doesn't like cold drinks, cold foods or WORRY!! it will make Skin sag if we are not considered of it.

As we get mature, our faces and skin in general naturally lose subcutaneous fat. The facial muscles are then working closer to the skin surface, so smile lines and crow's feet and other signs become more apparent.

The facial skin also stretches a bit, adding to this loss of facial volume and sagging. Other factors that affect our skin in general includes sun exposure, heredity, and lifestyle, to mention a few.

Dermal fillers can be used to:

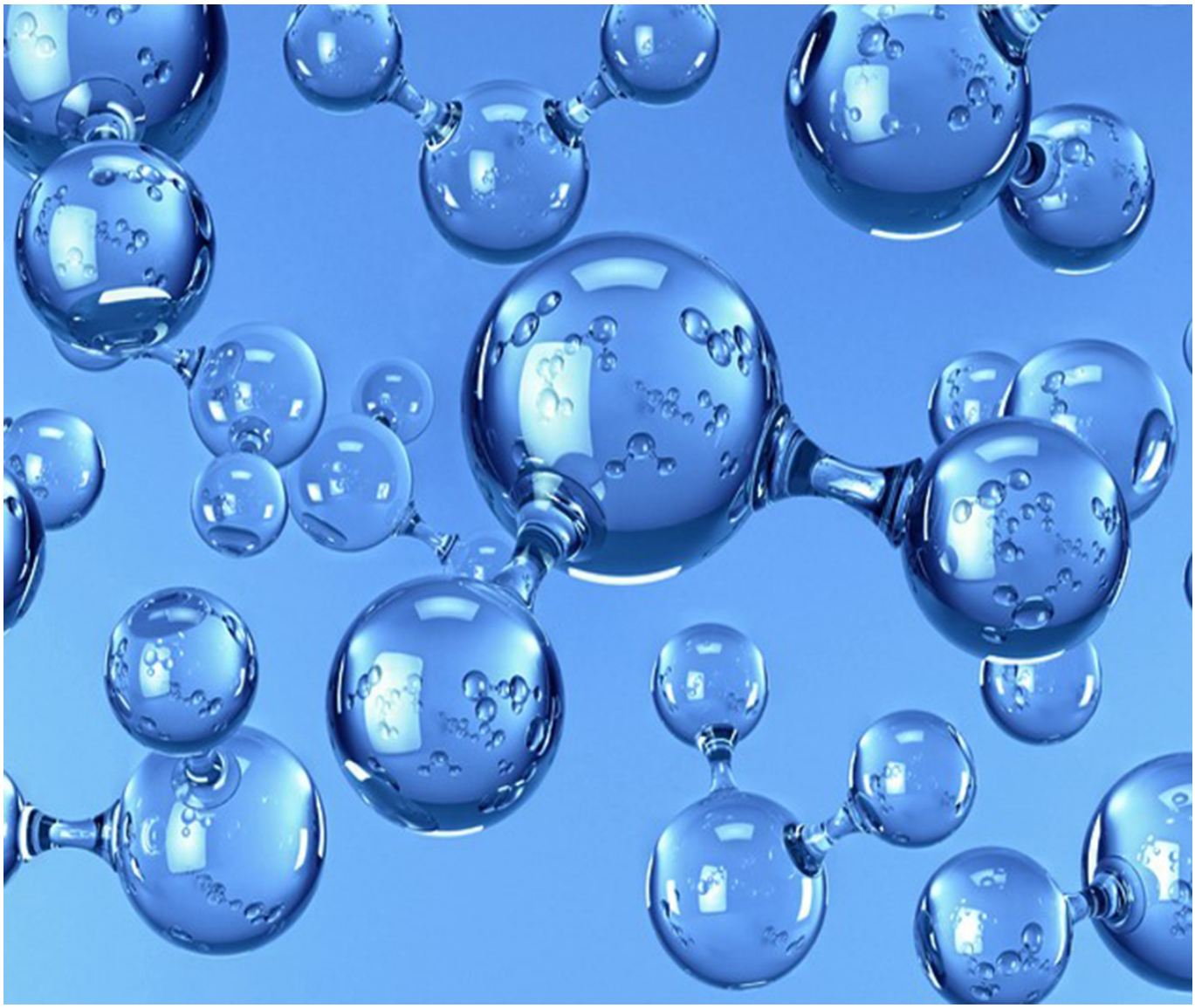
- Plump thin lips
- Enhance shallow contours
- Soften facial creases and wrinkles
- Improve the appearance of recessed scars
- Add volume were is need it just to mention a few qualities

So lets take a look at some alternatives that can make a huge difference when well done, it is important to do the research on the Drs. that apply the fillers or the results may not be so great.

Some of the areas of placement


UPPER FACE AREA
Eye Area
To open the eyes and soften fine lines under the eye
Crow's Feet
Smoothed skin around the eye area
LOWER FACE AREA
Above the Lips
Smooth a "Gummy Smile"
Nasolabial Folds
Add volume to folds around the mouth
Lip Enhancement
Restore youthful volume
Jowl Area
Stop sagging jawline
MID FACE AREA
Accordion Line
Smooth lines and folds
Cheek Area
Add volume to areas affected by age and gravity
Vertical Lip Lines
Reduce the appearance of vertical lines above the lip or "Smoker's Lines"
Corners of the Mouth
Correct the downturned corners of the mouth
Chin Crease
Plump the chin crease

What are hyaluronic acid injections?



from:

http://www.plasticsurgery.org/cosmetic-procedures/dermal-fillers-hyaluronic-acid.html

If you want to reduce facial wrinkles and lines and lost of volume, **hyaluronic acid** may be a very good choice as a dermal filler because of its great compatibility with the human body. In fact, this substance is found in almost every single living thing. In humans, it acts as a network that transfers essential nutrients from the bloodstream to skin cells, amazing right?.

Hyaluronic Acid is capable of holding 1,000 times its weight in water, naturally occurring hyaluronic acid is responsible for binding moisture in the skin. It does this by filling in the space between collagen and elastin fibers in the skin – which hence will hold in moisture and maintain skin's volume for long periods of time.

Naturally occurring hyaluronic acid in the skin starts to decrease over time due to natural aging, sun exposure, life style and many other environmental factors. When hyaluronic acid is injected under the epidermis, it temporarily replenishes the skin's volume by replacing deteriorated support layers of the skin. The longevity of a hyaluronic acid filler is determined by the amount of cross-linking of the gel molecules. The more solidly (or cross-linked) a hyaluronic acid product is the longer it will last. The absolute amount of hyaluronic acid in a syringe does not translate into more of the product remaining in an injected area. Only the actual cross-linked amount of hyaluronic acid in the syringe will actually remain in the body is important to understand this factors. The non-cross-linked product will be dissolved in a few days and that is an important .

Hyaluronic Acid Concentration: The higher the hyaluronic acid concentration, the larger the needle and greater the force

required to inject and more likely a chance for bruising.

Particle size: Larger particles can last longer. Larger particles can create a firmer result so are usually reserved for deeper dermal use. Smaller particles are reserved for more superficial indications, and may dissipate earlier.

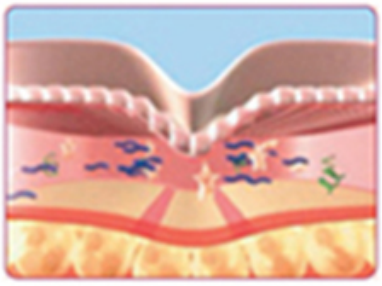
Hyaluronic acid is a natural substance found in your body. High concentrations are found in soft connective tissues and in the fluid surrounding your eyes is what makes the skin look radiant and fresh. It’s also in some cartilage and joint fluids, as well as skin tissue. It is extracted and reformulated and now has become one of the most popular kinds of injectable fillers.

If the term sounds familiar, it’s because the same substance is often injected into the aching joints of people with arthritis to ease pain and provide extra cushioning. her we are mentioning a few brand names include (like I said before it may be more by the time the post is out):

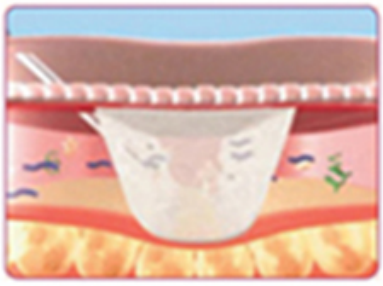
- Captique
- Esthélis
- Elevess
- Hylaform
- Juvéderm
- Perlane
- Prevelle
- Puragen
- Restylane

When this gel is injected, it acts like an inflated soft cushion to support facial structures and tissues that may have lost volume or elasticity due to normal aging. It also brings water to the surface of skin to keep it looking fresh and supple.

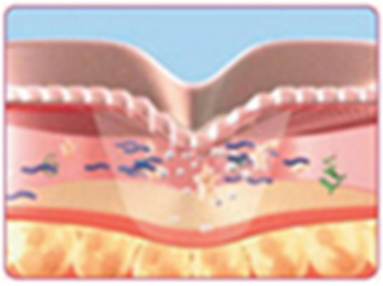
Here we show the action on skin so you can get a visual idea how it works



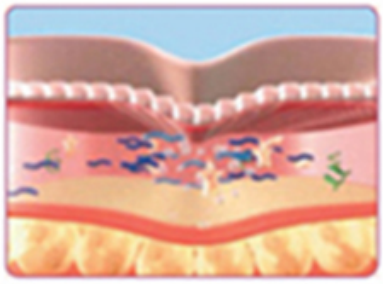
Wrinkle before treatment



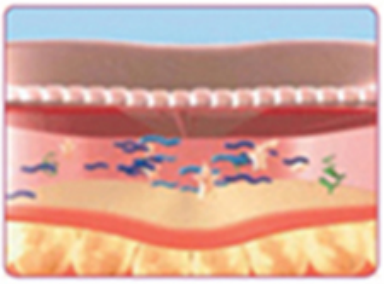
The injected volume immediately fills out the wrinkles and volume defects



Within a few days, the water in Sculptra is absorbed by the body with a slight increase in wrinkle depth.



The 2nd phase consists of a natural, soft build-up of the connective tissue, smoothing out wrinkles and contour defects.



After approximately 6 weeks clear improvement can Be seen. Larger volume defects may involve further Treatment.

Stimulates the Body to Produce New Collagen

RADIESSE® dermal filler contains tiny Calcium Hydroxylapatite (CaHA) microspheres suspended in an aqueous gel carrier (Figure 1).

Once injected, it provides instant volume to smooth out the signs of aging. AND, it continues to work by stimulating the body to produce its own natural collagen (Figure 2).

Over time, the gel is absorbed and the body metabolizes these tiny calcium based microspheres (Figure 3), leaving behind only your patient's own natural collagen.



(Figure 1)
Calcium in gel



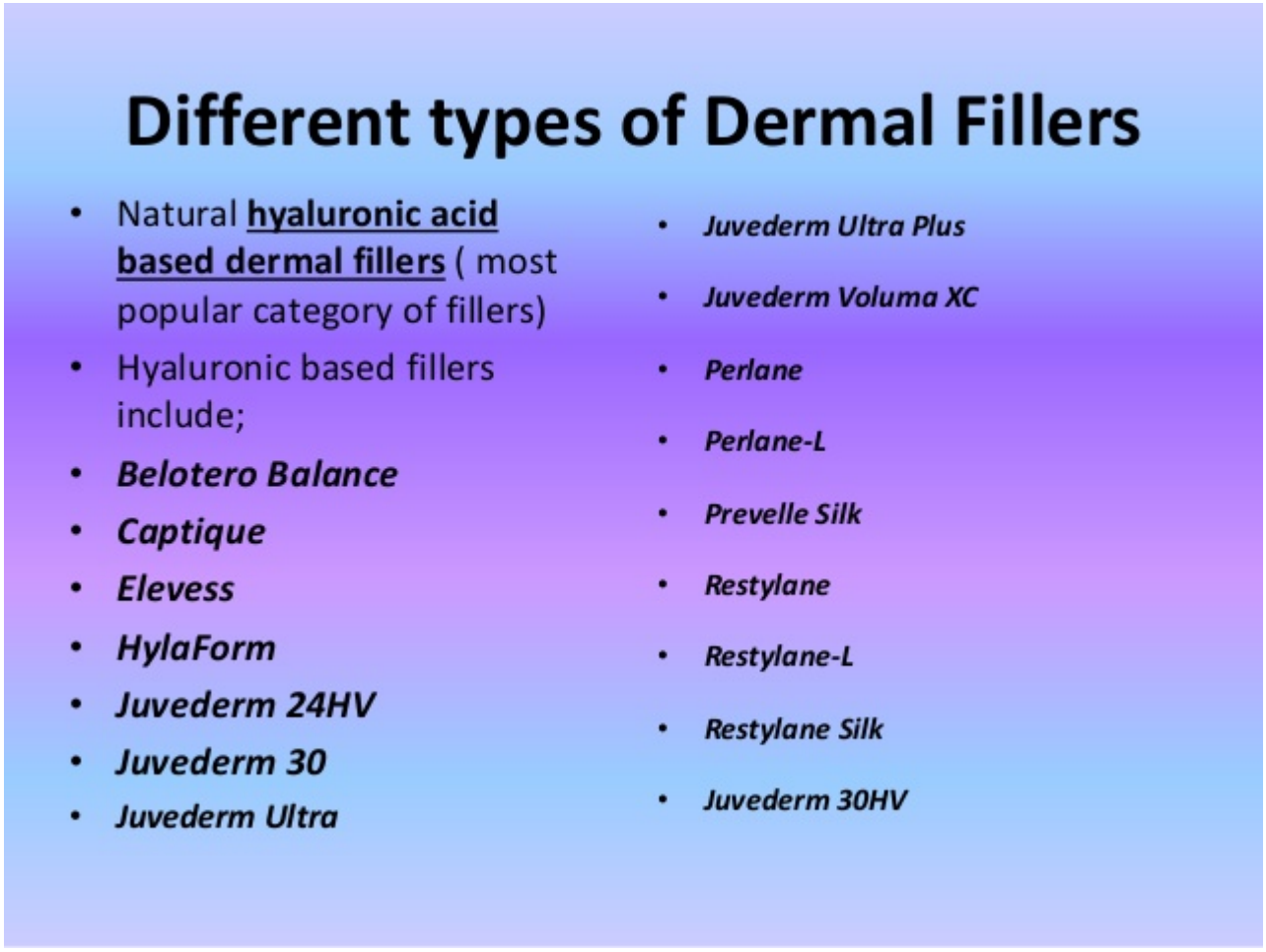
(Figure 2)
Collagen stimulation



(Figure 3)
Breakdown of microspheres

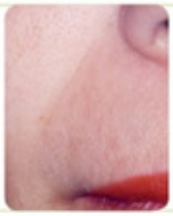
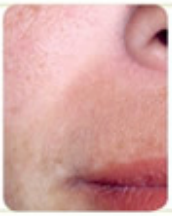
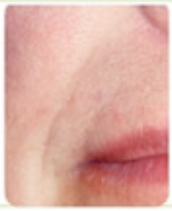
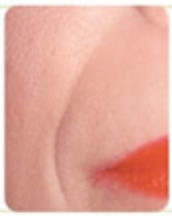
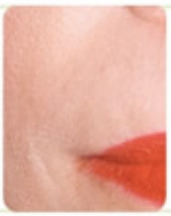
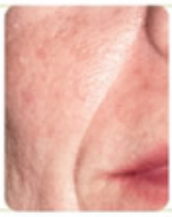
In the past last few decades, various synthetic forms of hyaluronic acid have been developed and used to correct disorders in the fields of rheumatology, ophthalmology, and

wound repair. More recently, synthetic forms of hyaluronic acid are being manufactured for use in face and some areas in the body for augmentation.



Some fillers and amounts you should know, so when you go and get charged, you know your facts

Facial Fold Assessment Scale

	BEFORE	AFTER	AMOUNT OF ARTEFILL
Grade 1			½ syringe per side
Grade 2			½ -1 syringe per side
Grade 3			1 - 1½ syringes per side
Grade 4			1½ - 2 syringes per side
Grade 5			2 syringes per side

*Actual Artefill patients

INDIVIDUAL RESULTS MAY VARY



According to:http://www.plasticsurgeryguide.com/facial-filler-comparison-chart.html, this is great site to visit for information

ArteFill

Polymethylmethacrylate microspheres embedded in purified bovine collagen. Lidocaine is also added.

Nasolabial folds, smile lines, wrinkles, lip augmentation.

5-10 years

Lower eyelid, brow area

Artefill's PMMA particles never break down, making it a"permanent" filler. The collagen around the particles will break down, but the patient's own collagen will regenerate around the particles.

$1,000 per syringe; roughly 2-3 syringes required per

treatment.

Belotero

Monophasic double cross-linked hyaluronic acid

Deep furrows, lip augmentation, facial outlines, naso-labial furrows, glabellar lines, facial depressions

6-9 months

Manufacturersays no risk of ‘lump effects’ so recommended for most areas

Also comes in Soft (used for perioral wrinkles, lip commissures, crow’s feet, and forehead wrinkles) and Intense forms (deeper lines and wrinkles). Still pending approval by FDA.

$500 per syringe; number of syringes depends on treatment area.

Botox

Botulinum Toxin Type A

Forehead wrinkles, brow lines, crow’s feet, underarm

3-4 months

Deep lines and wrinkles

Botox is only effective for dynamic wrinkles. If you have fine wrinkles, it’s better to try a micro

-peel.

$9-13/unit.

Cost per treatment in the U.S. averages between $300 and $500.

Cosmoderm/Cosmoplast

Purified human collagen

Fine or deep wrinkles, frown lines, crow’s feet, acne scars, lip lines

2-3 months

Cosmoderm is best used for fine lines; Cosmoplast is best for deeper lines and furrows

Use collagen and hyaluronic acid-based fillers (in combination to replace lost structure and volume.

$300 to $600 per cc.

Dysport

Botulinum Toxin Type A

Forehead wrinkles, brow lines, crow’s feet

3-4 months

Deep wrinkles and folds

Referred to as Botox’s twin, Dysport may actually act faster than Botox, showing results in as soon as 24 hours.

$4 per unit, but 2.5 times as much is needed compare to Botox, making the price about the same.

Evolence

Cross-linked Porcine collagen

Deep facial wrinkles, nasolabial folds, scars, atrophy from disease or trauma

12 months

Around the eyes, breasts, lips

Evolence has a thicker consistency and may cause less bruising in nasolabial fold injections.

$500 or more per syringe; 1-3 syringes used per treatment.

Fat Fillers

Fat cells removed from other parts of the body

Sunken cheeks, thin lips, facial lines, below the eyes, buttocks, (breasts in some cases).

Permanent for fat cells that survive (50% of transplanted fat survives 5 years according to studies)

Fat transfer to breasts is controversial. It requires a lot of fat, is quite expensive and results can’t be guaranteed.

Fat transfer is unpredictable. A natural amount is absorbed back into the body after a few months so results can be inconsistent.

$500 to $10,000+ depending on the area and volume injected. Rough estimates are 5 ml – $150, 10 ml – $2000, 20 ml – $3000.

Hylaform

Animal hyaluronic acid gel

Moderate wrinkles, lip enhancement

6-12 months

People with allergies to chickens

Actually derived from rooster combs. Hylaform Plus has a larger gel particle size (similar to Restylane Perlane) and is used for deep lines, facial contouring, and lip enhancement.

$400 per syringe, typically 1-2 syringes per treatment.

Juvederm

3D Hyarulonic acid matrix filler

Nasolabial folds, lip augmentation

Up to one year

Deep wrinkles

Great natural look and great for plumping lips.

$400-$800 per syringe.

Perlane

Hyaluronic acid with bigger molecules

Cheeks, chin, eyebrows, mouth

9-12 months

Thickness makes it less effective for superficial use and could create bumps.

Long lasting and very moldable will hold its shape extremely well in areas that don’t move too much.

$500 – $900 per syringe.

Prevelle Silk

Hyaluronic acid w/lidocaine

Wrinkle reduction, lips.

2-3 months

Deeper folds and those looking for permanent or long-term results.

A bit thinner and softer than other hyarulonic acids so doesn’t last as long. Results are also more immediate. Lidocaine also helps with pain.

$250 per syringe, but roughly twice as much needed as Restylane or Juvederm making the cost about the same.

Restylane

Hyaluronic acid

Nasolabial folds, smile lines, brow lines, lips, beneath the eyes.

6-8 months

Deeper folds – smaller molecule make it less effective.

Great “starter” filler –not long-lasting so good to try out a look.

$500-$700 per syringe.

Radiesse

Calcium hydroxyapatite particles suspended in hyaluronic gel.

Smile and marionette lines, cheeks, broader, deeper folds.

12-18 months

Lip augmentation. Radiesse is a thicker filler and will likely cause lumpiness in the lips.

Radiesse is a filler made up of the same composition as bone and can’t be reversed.

Depending on the size of the syringe, between $400-$800.

Sculptra

Poly-L-lactic acid

Deep folds between nose and mouth, folds around corners of mouth, sunken cheeks/chin, wrinkling on cheeks/chin, deep scars

Up to 2 years

Injections close to the surface of the skin – can leave small bumps.

Stimulates production of your own collagen.

$800-$1,000 per vial. Average is two to three treatments needed.

Zyderm/Zyplast

Purified bovine collagen w/ lidocaine

Crow’s feet, scars, lip lines

3-4 months

People allergic to cow products or lidocaine.

Zyderm and Zyplast are the oldest fillers, having been introduced in the early 80s, and are rarely used anymore.

$300-$400 per cc.

Juvederm





from:https://en.wikipedia.org/wiki/Juvéderm

Juvéderm (/ˈdʒuːvɨdɜrm/), an injectable filler (injectable facial filler), is used by cosmetic, dermatological, and plastic surgeons to soften deep folds and reduce wrinkles and gesture creases in the faces,neck, hands and now days anywhere

that you wish to correct volume. The substance is largely hyaluronic acid, a substance normally found in the skin, muscles, and tendons of mammals. Approved in June 2006 by the U.S. Food and Drug Administration, Juvéderm's prime use is removing nasolabial folds, or "smile lines," creases of skin which run from the corners of the nose to the corners of the mouth. It is also used as a lip augmentation agent, and to fill in hollow places and scars on the face. However, all hyaluronic acid facial filler products are eventually absorbed by the body, usually within six to nine months, causing the patient to undergo repeat injections to maintain the younger look. Juvéderm is also used by physicians to plump lips, which also lose fat and internal shape with normal aging.

About Juvederm from Dr. Jessica Wu



from:http://www.drjessicawu.com

Do you have any wrinkles or folds on your face that you'd like to soften, or any areas that you wish were a little plumper or fuller—such as cheeks or lips?

Juvederm may be the answer. I've been using Juvederm since 2004. I was a Principal Investigator in the clinical research trial that led to FDA approval of Juvederm in 2006. Here are some of the most common questions that patients ask me about Juvederm:

I wish my wrinkles were softer but I'm afraid of filler. Will I look like a blowfish?

Many of my patients admit to me that they'd love to do something to soften their wrinkles or subtly plump their lips, but they're afraid of filler because they don't want to look 'done.' I explain to them that the result you get depends on who's doing the treatment and how it's done, not the product itself—just like you wouldn't blame a bad haircut on the scissors! In other words, I won't make you look like a blowfish if you don't want to!

I tend to be conservative when I'm treating patients, especially if it's the first time. My goal is to help you look like a more refreshed version of yourself, not someone else. This means planning your treatment carefully, spending time getting to know you and what your goals are, selecting the right product for you, and doing the treatment in stages so the result is subtle and beautiful, not obvious and overdone.

What is Juvederm?

Juvederm is an injectable gel that's injected into the skin to smooth out wrinkles, folds, scars, or anywhere that you'd like

to be plumped or filled. It's often called a 'filler.' It's made of an ingredient called hyaluronic acid, which is a type of sugar molecule that's naturally found in your skin and is responsible for holding moisture in your skin. Over time, your skin loses its natural hyaluronic acid, so it holds less water; as a result, it gets thinner and more easily wrinkled. Juvederm injections can help restore your skin back to its more youthful contours.

What should I know before my Juvederm treatment?

As with any injectable treatment, it may trigger the outbreak of cold sores. If you've ever had cold sores or the Herpes virus on your face, especially near the area that's being treated, I typically prescribe an antiviral medication to reduce the risk of an outbreak. If you bruise easily, you may want to avoid taking aspirin, ibuprofen, and Vitamin E before your treatment, because they can increase bleeding and bruising. Before stopping any medications, be sure to discuss with your doctor. It's also a good idea to schedule your treatment at least a week or two before an important event, especially if it's your first treatment. This allows any swelling to dissipate, and the Juvederm will have time to settle so you'll look your best for the event.

What's it like to get a Juvederm treatment?

The first thing I'll do is hand you a mirror so we can take a look at your skin together and I can show you what the results might look like. Depending on the area, I might recommend using a numbing cream and/or ice pack. Then, using a very fine needle that's specifically designed for Juvederm, I inject small amounts of gel at a time, until we see the desired results. I usually hand patients a mirror after the treatment so we can look at the results together; most people are

thrilled to see the results right away, and it often looks even better after a few more days. Immediately after the treatment, the area may be pink, swollen, and/or tender for a few days, although many of my patients go back to work or out to dinner later that day. The lips in particular can swell for a few days. Occasionally there may be a bruise, which can last several days.

Does it hurt to get Juvederm?

As with any injection, most people do feel the initial pinprick. However, I use a very fine needle, and many of my patients choose to use a version of Juvederm (called Juvederm XC) that contains lidocaine anesthetic so that the treatment numbs as it goes. Since Juvederm XC has been available, my patients have been pleasantly surprised at how much less they feel the injections. In addition, I can also apply a topical numbing cream that minimizes the initial pinprick. For some patients, I may also do a dental block anesthetic injection, which is similar to the numbing you get at the dentist (injection into your gums). This is helpful for some patients who are getting injections into or near their lips.

How long does it last?

Juvederm is slowly dissolved in your body, so the effect will gradually dissipate and require a repeat injection. It’s FDA approved to last up to one year. In my patients, the initial treatment generally lasts around four to six months; after that, the Juvederm builds on itself, and the results often last longer. I have some patients that I only see once a year after their initial few treatments. The beauty of it is that your skin looks better and better (and results last longer) if you maintain your treatments and don’t let it go away completely between treatments.

Restylane


1 ml
1 ml
Restylane
PERLANE
BEAUTY MADE IN SWEDEN
Restylane
PERLANE
0.5 ml



Restylane

Hyaluronic acid

Nasolabial folds, smile lines, brow lines, lips, beneath the eyes.

6-8 months

Deeper folds – smaller molecule make it less effective.

Great “starter” filler –not long-lasting so good to try out a look.

$500-$700 per syringe.

from https://en.wikipedia.org/wiki/Restylane

Restylane is the trade name for a range of injectable fillers with a specific formulation of non-animal sourced hyaluronic acid (HA). Restylane was the first stabilized hyaluronic acid filler on the market and reportedly has been used in over 11 million treatments worldwide (2010).

In the United States, Restylane was the first hyaluronic acid filler to be approved by the U.S. Food and Drug Administration (FDA) for cosmetic injection into sub dermal facial tissues.

Restylane is produced by Q-Med.

Restylane is most commonly used for lip enhancement (volume and contouring). It is used to diminish wrinkles and aging lines of the face such as the nasolabial folds (nose to mouth lines), melomental folds (sad mouth corners), “crow’s feet” and forehead wrinkles (frown lines). It may also be used for filling aging-related facial hollows and “orbital troughs”

(under and around the eyes), as well as for cheek volume and contouring of the chin, forehead and nose.

Restylane can also be used to revitalize the skin by increasing skin elasticity structure, without the goal of adding volume, for example in the face, hands and décolletage.

Duration and recovery time

Duration depends on factors like the individual's skin type, lifestyle and age. After the initial treatment, follow-up sessions are normally recommended around every 6 to 12 months depending on the individual and the treatment. A treatment of the lips lasts less than 6 months.

Treatments have a recovery time of 2 to 3 days.

Side effects

A treatment with a dermal filler like Restylane can cause some temporary bruising in addition to swelling and numbness for a few days. In rare cases there has been reports of lumps or granulomas. These side effects can be easily reversed with a treatment of hyaluronidase, which is an enzyme that speeds up the natural degradation of the injected hyaluronic acid filler.

Several studies have been done to understand the Long term side effects of restylane and other hyaluronic acid fillers. In certain cases, the filler results in a granulomatous foreign body reaction.

Even though side effects are rare Restylane should not be used in or near areas where there is or has been skin disease, inflammation or related conditions. Restylane has not been tested in pregnant or breast-feeding women.

Treatment techniques

Most injectors inject the filler with a small needle under the skin. Numbing creams or injections decrease pain.

A new way to use Restylane was described in the August 2007 issue of the Journal of Drugs in Dermatology by Dutch cosmetic doctor Tom van Eijk, whose “fern pattern” injection technique aims to restore dermal elasticity rather than to fill underneath the wrinkles.

from
http://www.aloufaesthetics.com/gs6/restylane-perlane-juvederm-radiesse.php

What is Restylane?

Restylane is a safe and natural cosmetic dermal filler that restores volume and fullness to the skin to correct moderate to severe facial wrinkles and/or depressions. Restylane smoothes out folds and wrinkles by adding volume can make an enormous difference to your appearance. With Restylane, facial rejuvenation can be carried out without the use of foreign elements.

When treating wrinkles or folds, Restylane is injected into the skin in tiny amounts with a very fine needle. The injected gel produces natural volume under the wrinkle, which is lifted up and smoothed out. The results can be seen immediately. Selected areas commonly include lip enhancement, nasolabial fold correction or even facial scars.

What is Restylane made of?

Restylane is the first cosmetic dermal filler made of non-animal-based hyaluronic acid. Hyaluronic acid is a natural substance that already exists in the human body and is used to provide volume and fullness to the skin. The hyaluronic acid in this product is a crystal-clear gel called NASHA™, or Non-Animal Stabilzed Hyaluronic Acid. NASHA is biodegradable and completely biocompatible with human hyaluronic acid.

What is the difference between Perlane and Restylane?

They are actually made of the same NASHA as above. Perlane® is just a bit thicker molecule and therefore lasts longer when used as a filler. It has gained FDA approval in the USA on 11-06 whereas Restylane has been approved for several years.

As Restylane is a totally non-animal product, there is minimal chance of eliciting allergic reactions if you are sensitive to common foods, such as beef, chicken and eggs. Unlike some other injectable products for wrinkle treatment and lip enhancement (for example collagen made from cow hide and hyaluronic acid made from rooster combs),

Belotero



Belotero

Monophasic double cross-linked hyaluronic acid

Deep furrows, lip augmentation, facial outlines, naso-labial furrows, glabellar lines, facial depressions

6-9 months

Manufacturersays no risk of ‘lump effects’ so recommended for most areas

Also comes in Soft (used for perioral wrinkles, lip commissures, crow’s feet, and forehead wrinkles) and Intense

forms (deeper lines and wrinkles). Still pending approval by FDA.

$500 per syringe; number of syringes depends on treatment area.

What is Belotero?

Belotero is an injectable gel filler that's made of hyaluronic acid, a type of sugar molecule that's naturally found in your body and binds moisture to keep your skin smooth and plump. It's the same ingredient that's found in Juvederm and Restylane but formulated in a different way.

How is Belotero different from other fillers?

It's most effective in fine lines and superficial wrinkles, especially in thin-skinned areas. Studies show that Belotero spreads between the collagen fibers of your skin more evenly than other fillers, giving a soft, smooth result. I especially like Belotero for fine wrinkles around the mouth, where other fillers may be visible through the skin. Since it's very elastic, I can fill in wrinkles without changing the size or shape of the lips.

What areas can be treated with Belotero?

The most common areas I treat with Belotero are the wrinkles above the upper lip. It's also a good choice for crows feet and fine lines on the forehead and cheeks, as well as shallow acne scars anywhere on the face. I often layer Belotero over Juvederm or Restylane.

This is the newest hyaluronic acid gel filler, and is included here because we did not discuss it last week. Belotero marketing companies claim that it is more malleable in your skin, which allows it to integrate into your skin and mold to facial contours more easily than other HA fillers in the

market. It can be injected more superficially than Restylane® or Juvéderm®, and the company that markets the product claims that the product has a reduced risk of creating the Tyndall Effect, a bluish area that occurs when a clear gel is injected too superficially and can be seen through the skin. Belotero can treat both nasolabial folds and vertical lip lines in avery effective way when properly applied, leading to instant results that should last about six months, keeping in mind that very one is of us is diferent.

Captique



from:
http://www.locateadoc.com/article/pros-and-cons-of-captique-de

rmal-fillers

Captique dermal fillers are hyaluronic acid fillers made by INAMED Aesthetics. The non-animal filler is designed for the correction of moderate to severe facial wrinkles and folds in the skin, and can be injected just below the skin's surface to increase volume. It's one of the latest plant-based dermal fillers on the market, and helps to hydrate the skin, restore skin elasticity and create supple and smooth skin, and a youthful appearance.

Benefits of Captique Dermal Fillers

Hyaluronic acid is a thick gel-like substance that is naturally found in the human body. It is a common ingredient used in anti-aging products such as serums and moisturizing creams because it can be absorbed readily in the skin. When it is injected into the skin tissues, hyaluronic acid binds to the tissues and helps create a toned and sculpted appearance.

Captique is made only with hyaluronic acid, and can be used to treat wrinkles around the eyes and lips, fill out lost tissues in the cheek or jawline, or be injected directly into the lips to increase the size of the upper or lower lip.

Key benefits of Captique include:

Elimination of smile lines

Reduction of loose and sagging skin

No pre-testing required

No risk of allergic reactions because it is made with animal products

Effects can last between 4 to 6 months

No anesthesia required for wrinkle treatment

Drawbacks of Captique Dermal Fillers

While Captique offers several benefits, there are also some drawbacks associated with the injectable. When injected into the lips, Captique can be very painful so Lidocaine must be injected into the lips prior to the Captique treatment. The injections themselves only cause a slight pricking sensation, but some people may be sensitive to the needle.

Captique does offer dramatic results, but some people will need to get touch up treatments every four months because the body will absorb the hyaluronic acid from the tissues. Results vary significantly from person to person, so it may take a few treatments to see results.

Overall, Captique may be a valuable alternative to some of today’s leading hyaluronic acid fillers, and can help many people say goodbye to fine lines and wrinkles.

Esthélis



from: http://www.esthelis.com/en/pro/esthelisrange.php

Esthélis & CPM: a new era in aesthetic medicine. With Esthélis, most advanced wrinkle fillers range, Allow yourself to join the genuine "surface" revolution, Allow yourself to inject in the most efficient way you can ever imagine!

Esthélis is the only highly cross-linked gel that can really be injected very superficially for even more natural, effective and long-lasting results, while injecting less product. This peerless capacity is the result of the cohesive

and polydensified matrix, the fruit of the unique CPM technology developed and patented by the Swiss company Anteis.

from:http://www.dermalfillersreview.com/esthelis/

Esthelis Soft and Esthelis Basic are two dermal fillers in the hyaluronic acid based ranges of cosmetic treatments. Esthelis was approved by the Food and Drug administration in 2011 for use in the United States, and is used to treat fine lines and wrinkles, while assisting in skin rehydration. It was approved under the name Belotero, manufactured by Anteis, and distributed under the name Esthelis by Merz Aesthetics. It is the first monophasic hyaluronic acid filler using a patented CPM technology, which sets it apart from the conventional monophasic hyaluronic acid dermal fillers.

What Makes Esthelis Filler Different

Esthelis is made from non-animal hyaluronic acid, yet the way in which it is chemically produced, differentiates it from other hyaluronic acid fillers. Cohesive Polydensified Matrix (CPM) is a patented technology used to make Esthelis. CPM double cross-links monophasic hyaluronic acid strands with Butanediol Diglycidyl Ether (BDDE) which is the stabilizer. Linking the hyaluronic acid chains, allows it to slow down degradation, making the product last longer.

Esthelis integrates into the tissue surrounding it in the dermal layer of skin, and provides a smoother transition between the treated, and non-treated areas. It can also be used in the most superficial dermal layers, by using less product. Esthelis contains glycerol to increase skin elasticity, and rehydrates the skin, improving skin tone. The glycerol in Esthelis coats and protects the hyaluronic acid from free radicals, enzymes, and thermal degradation in the body.

Features Of Esthelis Dermal Filler

There are two ranges of Esthelis: Esthelis Basic, and Esthelis Soft. There is also a package just for men. Anteis stresses that the precision of the injection, and the biointegration of the product, are the two factors of successful dermal filling to correct facial wrinkles.

Esthelis Soft is injected into the superficial to middle dermis and treats:

Fine wrinkles

Perioral wrinkles around the lips and mouth

Lip commisures

Crows feet

Forehead wrinkles

Facial depressions or scars

Esthelis Basic is injected into the middle to deep dermis and is used for:

Lip augmentation

Facial outlining/contouring

Glabellar lines

Nasolabial furrows

Facial depressions or scars

The Injection Procedure And Side Effects

Because successful dermal filler treatment relies on the

precision of injection, Anteis has developed the Anteis Injection System, which is fully automated. The fine gauge needle allows for more even product placement, varied angles and depths of placement, and better control over the speed and amount of injections. This reduces the patient’s pain, and also may reduce the occurrence of side effects from the injections.

The injection procedure requires consulting with a doctor, experienced in dermal filler injections. Medical history and any medications you are taking need to be discussed, as well as your expectations. The face is cleansed, marked for injection sites, and injections are administered. This process takes usually less than an hour, and there is usually little if any down time. Because Esthelis is made of hyaluronic acid, there is no allergy pre-test required. Treatments are on average, approximately $500.

If you have a history of severe allergic reactions, are pregnant or breastfeeding, are taking anti-coagulant drugs, or are on immunosuppressive treatments, you should discuss alternative treatments with your doctor. Common side effects may be redness, swelling, itching, discomfort, and discoloration for 24-48 hours. If you are receiving lip injections, these symptoms may last a week. Immediately following injections, it is recommended to avoid over exposure to the sun, ultraviolet rays, and massaging the injected area.

ELEVESS



from: http://elevess.com/benefits_of_elevess.php

ELEVESS is an FDA-approved injectable dermal filler for the aesthetic treatment of facial wrinkles and folds.

What is ELEVESS?

It is available in the EU, Canada, Chile, and Peru although product indications for use differ for each geographic region.

Long-lasting natural effects, combined with patient comfort and ease of use are key benefits of ELEVESS. It was the first FDA-approved hyaluronic acid-based dermal filler to include an

anesthetic (lidocaine) in its formulation, greatly increasing patient comfort during, and after, the injection procedure. Additional benefits of ELEVESS include: the highest available concentration of HA and a unique patented HA cross-linker in the formulation (for greater durability), an ergonomically designed syringe (for ease of handling) and unique properties that allow easy injection through a very thin (30G) needle to minimize discomfort to patients.

ELEVESS™ is made from hyaluronic acid (HA), also called hyaluronan. HA is a naturally occurring material found throughout the body.

How Does Elevess Work?

In skin, it plays a role in tissue repair, while in cartilage and other tissue, it functions as a lubricant. HA is present in the body as a polymer (a linked chain of many individual HA units), is continually produced and degrades naturally in the body over time. A 150-pound person has approximately 15 grams of HA throughout his or her body, nearly 5 grams of which is degraded and synthesized every day.

HA is present in the skin, where it has the ability to absorb large quantities of water—over 1,000 times its weight – and to form complexes with collagen and elastin. These complexes support the structure of the skin, contribute to the skin's elasticity, and create volume in the skin to diminish the appearance of wrinkles and fine lines. Age, as well as exposure to the sun and pollution, leads to decreased production of HA, resulting in decreased volume and the appearance of wrinkles. Cross-linked HA-based dermal fillers (such as ELEVESS) injected into the skin in the area of wrinkles help restore the skin's youthful appearance.

Cosmetic Dermatology

Because HA is naturally found in skin, it is often used in the formulation of skin care products, such as topical creams or

injectable dermal fillers. HA helps keep the skin hydrated, as well as fill out facial wrinkles and fine lines, and brings volume back to sunken or hollow areas of the face. Because cross-linked HA degrades much more slowly than free HA, cross-linked HA-based fillers can remain in the face for up to a year, providing much longer-lasting results than collagen-based fillers.

HA-based facial fillers are naturally reabsorbed by the body over a period of six months to a year, providing optimal wrinkle correction. Over time, the skin on the face goes through transitions in texture and firmness, so the ideal dermal filler will gradually diminish in volume over time, allowing the re-application of the filler, accommodating changes in the patient's skin.

Benefits of Elevess

Natural and immediate effect

Long-lasting results

Ease of injection

Minimized injection pain

ELEVESS™, like other dermal fillers, is injected directly into patients' skin; however ELEVESS is the first FDA-approved HA-based dermal filler to include the anesthetic lidocaine, greatly reducing injection pain and increasing patient comfort.

Long-lasting*, more natural effects are the result of a unique, patented hyaluronic acid cross-linker and the highest concentration of HA of any available dermal filler.

Additional benefits of ELEVESS include an ergonomically designed syringe for ease of handling and unique properties that allow for easy injection through a very thin (30G) needle to minimize patient discomfort.



LAVIV®

LAVIV® is one of the most newer treatments available, but it has been studied extensively by the FDA for the past nine years. LAVIV® is different because it’s crafted from your very

own cells; a small sample of skin is taken from behind your ear and then taken to a lab to carefully isolate your fibroblasts, the cells that create the collagen in our skin.expanding them to the tens of millions for long term supply. Call it your own personal “cell bank”.

For someone who prefers to stay as close to nature as possible, LAVIV offers a truly innovative method to reverse and ease off wrinkles – a method that does not rely on injecting artificial components into the skin. –

See more at: http://www.totaldermatology.com/skin-rejuvenation/laviv-personal-cell-therapy-irvine-ca/#sthash.CYMpHSij.dpuf

The whole isolating process takes about six weeks overall. Because it’s grafted from your own cells, there’s little risk for rejection or an allergic reaction.

The resulting liquid isn’t thick enough to act as a cheek filler itself, but LAVIV® has shown results in treating marionette lines, nasolabial folds, and under eye hollows. Some doctors have reported that the treatment areas have shown improved pores, pigmentation, and skin texture over time. Typically, results last up to two years again keeping in mind that we all have different reactions and assimilation, but can cost upwards of $3000.

Step 1

- We use YOUR skin cells to begn the process. Dr. Pilest will take small skin samples from behind your ear with the use of a local anesthetic

- These skin samples are sent to Fibrocell Science, the makers of LAVIV™
- Using a state-of-the-art process, Fibrocell Science expands your fibroblasts from your skin sample into *millions of new fibroblast cells*. These cells then undergo a comprehensive quality control process to be sure they are active and ready to go to work once injected into your skin.
- All of your cells are cryopreserved (frozen) and those that are not immediately used are stored at Fibrocell Science's FDA-inspected manufacturing facility for future use
- Following the development and quality control processes, your personalized LAVIV™ therapy will be ready in approximately 3 months

Step 2

You will receive 3 separate sessions of LAVIV™ injections from Dr. Pilest. These treatment sessions are spaced at intervals of 3 to 6 weeks.

Using a small needle, Dr. Pilest will inject LAVIV™ directly into the lines and wrinkles to be treated. You will receive 3 injections of LAVIV™, spaced at intervals of 3 to 6 weeks. *(When patients were assessed 6 months after the third and final treatment, LAVIV had effectively improved the appearance of smile line wrinkles.)*

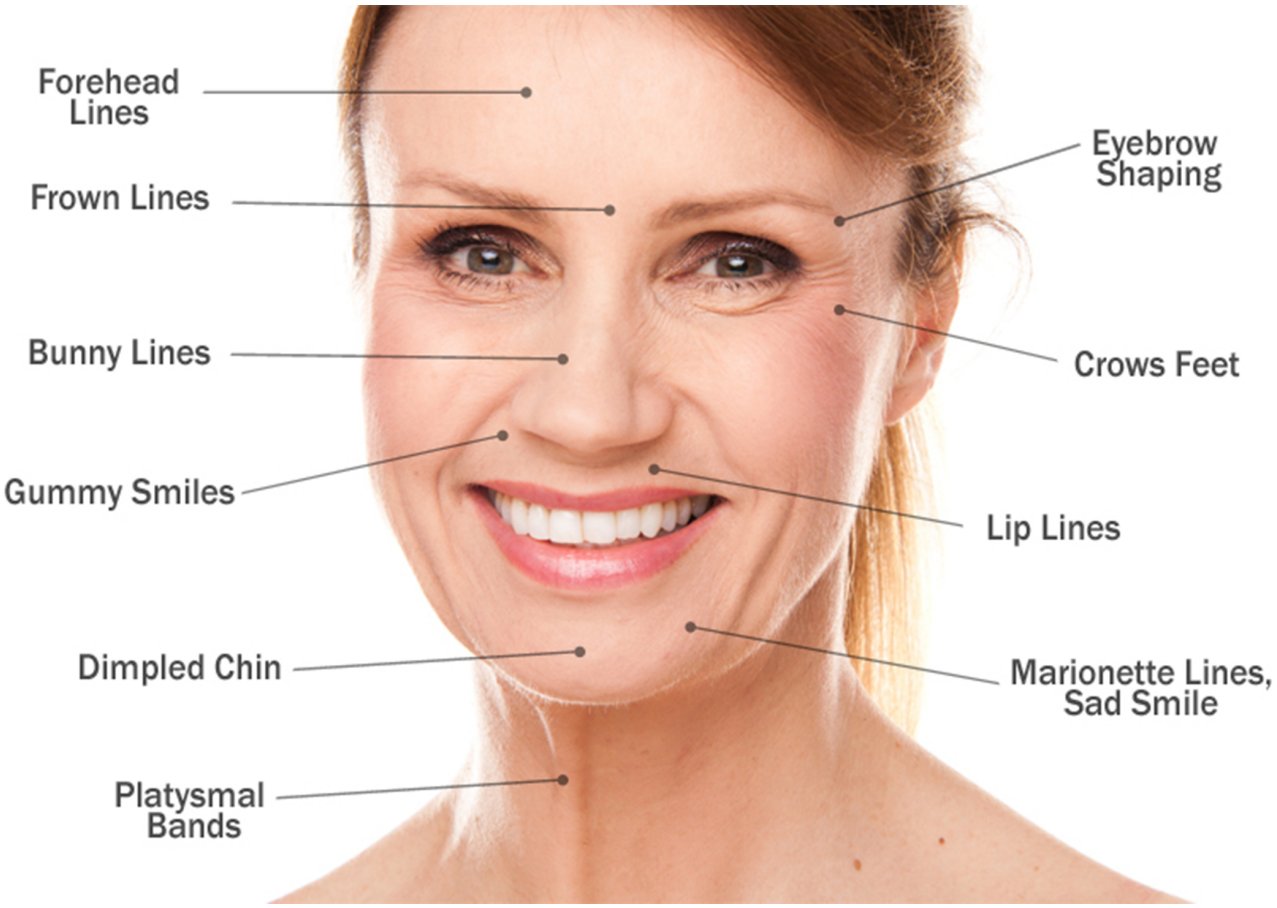
– See more at: http://www.totaldermatology.com/skin-rejuvenation/laviv-personal-cell-therapy-

irvine-ca/#sthash.CYMpHSij.dpuf

Zyplast®

One of the first injectables used in aesthetic procedures, Zyplast® is a purified form of bovine collagen, so, like Artefill, it requires allergy testing before injection. Because it is a form of collagen, Zyplast® works to supplement the weakening collagen structure in your skin. While this type of filler has typically gone out of style in favor of hyaluronic acid, Zyplast® is still used by some doctors for lip injections.

Hylaform/Hylaform Plus Dermal Fillers



from: http://www.dermalfillersreview.com/hylaformhylaform-plus/

Manufactured by Inamed Aesthetics, and approved by the Food and Drug Administration in 2004, Hylaform/Hylaform Plus is a

hyaluronic acid based dermal filler, used for moderate to severe lines and wrinkles produced by aging, and collagen degradation. It is also used in medicine, to treat, and help to manage osteoarthritis. It is a clear, injectable gel produced from specially bred rooster combs, and tends to last longer than other dermal fillers.

The Hylaform Difference

The hyaluronic acid used in Hylaform/Hylaform Plus, is harvested from the connective tissues in the fleshy portion of the top of the rooster's head, called rooster comb. The roosters are specially bred for the purpose of making Hylaform products, and the rooster tissue is then purified, sterilized, and then stabilized chemically, into a clear gel form. It is minimally modified, so no skin test is required, but you should not use Hylaform if you are allergic to eggs or feathers.

Hypersensitivity is rare, but it could occur to individuals with bird allergies, however, there is absolutely no risk of contracting bird flu from Hylaform. When Hylaform is modified with the rooster comb hyaluronic acid, it is purified, then sterilized at a temperature which is higher than necessary to kill the bird flu virus. Both Hylaform, and Hylaform Plus last longer than bovine (cow) dermal fillers, and do not require pre-testing, for skin allergies.

The Difference Between Hylaform And Hylaform Plus

Both types of Hylaform integrate into the dermis, and bind with water molecules, adding volume to and rehydrating skin. Hylaform has intermediate sized gel particles, similar to Restylane and Captique, and is suitable for moderate, facial wrinkle injections, and lip enhancement. Both are injected into the dermal layer of skin, however, Hylaform is injected nearer the beginning of the dermal layer.

Hylaform Plus consists of larger gel particles, such as Perlane, and is used for deeper lines, facial contouring, and lip enhancement. It is injected deeper into the dermal layer of skin, to add volume to, and to fill the more severe facial wrinkles. Because Hylaform Plus is injected deeper into the dermal layer, and the gel particle size is larger, it lasts longer than Hylaform.

Benefits

Immediate Treatment

There is no pre-testing on the skin for allergies required. If you are allergic to eggs or feathers however, you should not use this product.

Immediate Results

There is no waiting for weeks, to months for results. After just a few days, the results can be seen.

Approved By FDA

This product has been used internationally for almost 10 years, and was approved by the Food and Drug Administration in 2004, for use in the United States.

Mild Side Effects

There is less bruising, swelling, and redness usually experienced than with other dermal facial injections.

Longer-Lasting

Hylaform/Hylaform Plus injections, on the average, last longer than its collagen filler counterparts. Hylaform usually lasts approximately 6-12 months.

Less Risk Of Nodules Forming

Because Hylaform is a gel, there is less of a risk of nodules forming around injection area. Small bumps may however, be felt before the injections blend into the skin's dermal layer.

Here is how the skin ages

Fillers are an armamentarium in the anti-aging treatment. Though aging is a generalized phenomenon, the process of aging does not occur uniformly in all areas of the face. The subcutaneous fat of the face is not a single uniform layer but is compartmentalized. Each individual compartment ages at a different pace in the same individual. Hence correction of the aging face needs correction of these individual compartments separately.

According to:http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2890128/

Anaesthesia

Any medical intervention has to be made as painless as possible, more so when an enhancement procedure like a filler is being done. However, procedures to alleviate pain should not interfere with the treatment outcome. This is frequently encountered when an infraorbital nerve block is used for filling the Nasolabial fold. Lignocaine injected in the infraorbital region distorts the local anatomy and may result in suboptimal correction (distortion). The quantity of lignocaine required and the resultant distortion can be reduced by using 1 ml of lignocaine 2% administered using an insulin syringe. The application of topical anesthetic creams such as EMLA can improve the hydration of the skin and make

fine lines imperceptible leading to imperfect correction. In such situations, choosing a filler premixed with lidocaine or a regional nerve block would be a suitable option. Inadequate anesthesia achieved by EMLA can be compensated by the use of ice-packs. When employing linear threading or even depot technique, the number of pricks and hence the pain can be minimized by using long needles, of 1.5 inches.Always is recommended to check for lignocaine hypersensitivity for every patient.

BEFORE FILLERS TREATMENT:

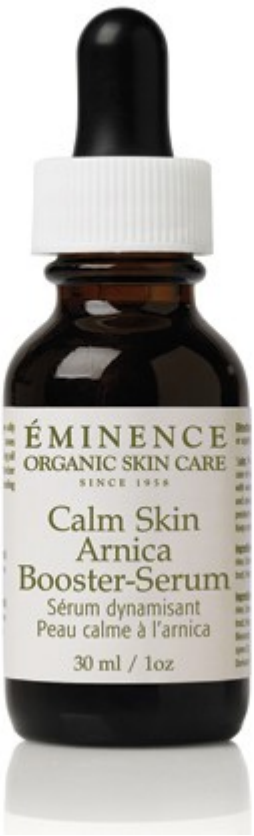
- Avoid aspirin (any product containing acetylsalicylic acid), vitamin E, St. John’s Wort, and other dietary supplements including: ginko, evening primrose oil, garlic, feverfew, and ginseng for 2 weeks.
- Avoid ibuprofen (advil, motrin), Aleve (naprosyn) fish oils or any other blood thiner products, and alcohol for 2 days prior.
- If possible come to your appointment with a cleanly washed face without make-up, it will avoid irritating the skin before treatment.

AFTER FILLERS TREATMENT:

- Do not massage the treated areas these products will move and it will cause an uneven feel and look, the substance is like little spheres so is like a bean bag effect, is best after you g through with an expensive

treatment+ the procedure not to mess it up wont you agree?

- Skin redness, bruising, swelling, tenderness, and/or itch are common so is of importance to use a calming product like one with chamomile here in this post we will share a few adequate products. If the symptoms persist longer than 3 days, please contact your Dr.
- Minimize movement of the treated area. However, if there is a visible bump, with medium pressure massage the area.
- Avoid applying heat to the treated area until bruising or any swelling have resolved. Avoid activities that cause facial flushing on the day of treatment including consuming alcohol, hot tub or sauna use, exercising, hot wax, or tanning. Avoid extreme cold like skiing or hiking outdoors.
- When bruising occurs it typically resolves within a few days, a great supplement is Bromelain and Turmeric together to fully reduce inflammation.
- After treatment, oral and/or topical Arnica Montana may help reduce bruising and swelling. You can find Arnica in the natural foods section of your grocery store or local pharmacy.
- You may also take acetaminophen (Tylenol) to reduce pain. Avoid consuming alcohol, taking aspirin, ibuprofen, naprosyn,.•Routine washing and showering is fine with gentle cleanser and moisturizers. Sunscreen and makeup may be applied.



Eminence Organics Calm Skin Arnica Booster-Serum

Calm Skin Arnica Booster-Serum from Eminence Organics is a super-soothing skin treatment that uses natural botanicals to

soothe inflammation, reduce redness, and eliminate irritation. This amazing treatment brings balance to the skin, restoring a youthful glow.

Here are some products that we highly recommend for before and after Derma Fillers



Eminence Organics Couperose-C Serum

Eminence Organics Couperose-C Serum (1oz) repairs and restores

sensitive and damaged skin, increasing its long-term resilience while infusing it with moisture, nourishment, and antioxidant protection. Redness, broken capillaries, and sensitive skin issues will disappear to reveal a taut, toned, even, and bright complexion.



Eminence Organics Cucumber Eye Gel

Eminence Organics Cucumber Eye Gel (1oz) has two amazing results. In the short term, it eliminates puffiness and dark circles in the eye area and tones tired skin for a more vibrant look every day. In the long term, it eliminates fine lines and wrinkles, tightening the skin around the eyes to make them look younger. The key is in its ability to provide deep, lasting nourishment in the eye area. Go ahead – try it!

Your eyes will thank you.



Eminence Organics Citrus & Kale Potent C+E Serum

Fast-absorbing, advanced serum for all skin types. This potent dose of non-irritating Vitamin C is stabilized by botanically-derived ferulic acid to deliver optimal antioxidant benefits and improve the appearance of skin.



Eminence Organics Calm Skin Starter Set

The Eminence Organic Calm Skin Starter Set is the perfect way try the amazing brightening products of Eminence Organics. Including a one month supply of the brightening cleanser, moisturizer, masque, and serum, this skin care kit has everything you need to soothe irritated skin and reduce sensitivity.



Me First Living Premium Turmeric Curcumin With Black Pepper, 95% Curcuminoid (Extract!)



[Christian Wilde's Enhanced Turmeric+ Formula]



Source Naturals Bromelain