

Ariessence: Enhancing Your Skin Rejuvenation Treatments

Ariessence is a breakthrough regenerative treatment that harnesses your body's natural healing power. This revolutionary formula contains powerful growth factors (purified platelet derived growth factor – PDGF) that dramatically enhance your skin's ability to rejuvenate itself. This compound was originally FDA approved for other indications (bone grafts, healing ulcers, tooth implants) and has treated over 5 million patients in the past 15 years in the US. It is more recently approved for skin and cosmetic indications as a topical application to boost the results of traditional treatments.

After Morpheus8 and Microneedling – The Ultimate Combination

Ariessence can supercharge your treatments when applied right afterwards to the open channels to penetrate down into the deeper layers of the skin. It helps to maximize collagen and elastin production, calm inflammation, and enhance the healing process.

We prefer Ariessence over exosomes/PRF after these treatments, because it contains more than 1000 times the typical growth factors of the other options. Ariessence is a purified, recombinant growth factor that is made similar to the process for making insulin. It is naturally found in the human body, is extremely safe, and doesn't contain any human stem cells. Instead, it contains the messenger signals typically released from stem cells that direct tissues to grow and heal. Studies show that it increases collagen production by 200% and hyaluronic acid by 300-800% in the skin after these treatments. Our goal is a visible transformation in the skin's texture, tone, and youthful appearance. When paired with your Morpheus8 or Microneedling treatments, Ariessence provides remarkable results that simply can't be achieved with standard care.

Hair Growth Stimulation

When injected into the scalp, PDGF (Platelet Derived Growth Factor - from Ariessence) may help activate dormant hair follicles. It delivers growth factors directly to hair follicles and may help strengthen existing hair and promote new growth. This is injected in a similar fashion to PRF, but no blood draw is required. We inject it once a month for 4 months, then every 4-6 months for maintenance. It contains consistently potent growth factors without relying on the ability of the patient's own body to make them. Because this product is so potent, small lumps may be felt for the first 2 weeks after injections. They can be massaged and will typically resolve without issues. As with all other treatments, it takes 6 months for hair growth to begin, and 3 months for less shedding. This procedure is considered off-label for aesthetic injections but has been approved for injections in other areas for years without issues.

PDGF Under-Eye Rejuvenation

When carefully injected beneath the eyes, PDGF (Platelet Derived Growth Factor - from Ariessence) can help to stimulate collagen production in this delicate area. It can help improve skin texture and thickness and may reduce the appearance of fine lines and wrinkles. It can also help address mild hollowing and dark circles. This method is also considered “off-label” (as are many procedures that we commonly perform in Dermatology, such as PRP/PRF or Botox injections in the lower face). Results develop gradually over several weeks as collagen rebuilds, and the treatment will need to be repeated every 12 weeks for 2-3 treatments. This treatment gives lasting improvement that looks completely natural... because it is natural. Once yearly touch-ups are recommended, since we continually lose collagen as we age.

How to prepare: Avoid blood-thinning agents for 1 week beforehand (aspirin and ibuprofen, alcohol, fish oil, vitamin E, and ginkgo boloba). You can take Arnica tablets to minimize bruising – begin 2-3 days before your procedure for best results. Take a non-sedating antihistamine (Zyrtec, Xyzal, or Allegra) before your appointment to mitigate any swelling. Because of the swelling and potential bruising, it is best to have this procedure at least 2 weeks before an important event. You can return to work immediately with coverup makeup, but you may not look your best. Wearing glasses or readers really helps to camouflage the area.

The treatment process:

We will apply numbing cream for 1 hour before your injections to make the process comfortable. Bring a book or computer for while you wait. Dr. Brown will inject small amounts of PDGF along the bone under the eyes, similar to how she injects filler. You may have some redness or swelling immediately, so plan your schedule accordingly.

After the treatment:

Swelling, redness, and mild tenderness are expected for several days and may last a week or more. Bruising is always a possibility and can be covered up with makeup, such as our favorite ISDIN Skin Drops (available at the front desk). You can apply cool compresses or gentle ice packs to help with the swelling. Gentle massaging with moisturizer for 1 minute twice a day under the eyes (start inner and work outwards) helps with lymphatic drainage. Rarely, you may develop firm lumps under the skin. These can be massaged and will resolve in a matter of weeks. Continue with non-sedating antihistamines twice a day while there is swelling (or change to Benadryl at night). Avoid strenuous exercise for the first day, and sleep elevated on your back with extra pillows for the first week while there is swelling. You can return to your usual skincare routine and your usual activities the very next day. The swelling and tenderness are a good indication that the collagen-stimulation process is underway. This is where the magic happens – be thankful for it when you see the swelling in the mirror each day.

Ensure that you are eating healthy meals and taking collagen supplements, or even better Juven, to supply the building blocks of collagen growth. It is important to get plenty of restful, deep sleep each night. This is when your body is able to rejuvenate and repair cells. Collagen takes time to grow and will not appear quickly. Expect that it will take 3-4 months for the ultimate result. Most patients will need to repeat the treatment once or twice again in 12 weeks to build on the process. We much prefer the natural, slow technique of bio-rejuvenation for long-term maintenance. We are focusing on your long-term results!