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## Platelet Derived Growth Factor Instructions

Platelet Derived Growth Factor (PDGF) uses growth factors to amplify healing and regenerate healthy tissue. PDGF may be administered into, or on top of the skin. PDGF-BB is a bioidentical, lab-derived protein produced through recombinant technology, ensuring a pure, sterile, and pharmaceutical-grade product. This growth factor stimulates fibroblast and endothelial cell proliferation, increasing collagen and elastin production, essential for maintaining youthful, healthy skin. When topically applied to the skin during laser or microneedling treatments, the inclusion of hyaluronic acid with PDGF provides immediate hydration, soothing the skin post-treatment.

*Ariessence Pure PDGF+* offers several advantages for skin rejuvenation:

- **Enhanced Texture and Tone:** Promotes smoother and more even skin appearance.
- **Reduced Fine Lines and Wrinkles:** Stimulates collagen production, diminishing the appearance of aging signs.
- **Accelerated Healing:** Speeds up recovery post-aesthetic procedures, reducing downtime.
- **Hydration:** Hyaluronic acid provides immediate and lasting moisture to the skin.

*Under Eye Restoration:* Pure, sterile PDGF (without the hyaluronic acid) is injected under the skin to stimulate collagen and elastin production by activating your skin's fibroblasts, which produce collagen and elastin. This results in thicker, stronger, more resilient under-eye skin.

Unlike treatments that rely on the patient's platelet concentration, *Ariessence Pure PDGF+* offers a consistent and potent formulation, making it accessible to a broader audience. *Ariessence Pure PDGF+* contains approximately 1000x the concentration of growth factors when compared to that drawn from your arm.

### Application and Treatment Integration

*Ariessence Pure PDGF+* can be seamlessly incorporated into various aesthetic treatments or used as a stand-alone injectable treatment.

- **All types of microneedling treatments:** Apply the solution during or immediately after the procedure to enhance collagen stimulation and expedite healing.
- **Laser treatments:** Use post-treatment to soothe the skin and promote faster recovery.
- **Under-Eye Rejuvenation:** To improve hollowing, fine lines, or thinning skin under the eyes, we inject PDGF+ to restore volume and enhance the delicate skin, resulting in a refreshed, very natural appearance.

PDGF+ is the next generation of regenerative medicine. PDGF+ has been used in several medical specialties, such as dentistry and orthopedics, to enhance wound healing. Instead of relying on the patient's platelets, the product contains a laboratory-engineered version of PDGF. PDGF+ is pharmaceutical-grade, and every lot is the same – pure, potent, predictable, sterile, and safe.

### Pre-Treatment Instructions:

- **Avoid Exfoliants:** Refrain from using any exfoliating products or treatments for 48 hours before the procedure.
- **Limit Alcohol:** Avoid alcohol consumption for 24 hours prior to treatment to minimize bruising risk.
- **Medication Precautions:** Discontinue blood-thinning medications like aspirin or ibuprofen at least 48 hours before treatment.
- **Consultation:** Inform your provider about any medical conditions or skin concerns.

### Post-Treatment Instructions:

- **Avoid Touching:** Do not touch or massage the treated area for at least 24 hours.

- **Gentle Cleansing:** Wait at least 6 hours before cleansing with a gentle cleanser, or ideally, wait until the morning after treatment.
- **Moisturize and Sunscreen:** Use a gentle moisturizer and a broad-spectrum sunscreen with SPF 30 or higher to protect the skin.
- **Avoid Exfoliants and Retinoids:** Avoid using products with active ingredients or retinoids for a few days.
- **Limit Strenuous Activity:** Avoid strenuous physical activity or exercise for 24 hours.
- **Be Patient:** Results may take time to appear, 4-12 weeks is typical.

Most often, aesthetic improvement of your skin will come with multiple treatments. Please plan to re-treat with 2-4 sessions, approximately 4-6 weeks apart. Once you complete your series, a follow-up appointment will be scheduled with your provider. Your follow-up appointment is a very important time for us to meet. **Please ensure that you plan to return to the office approximately 4-6 weeks following your final treatment and avoid wearing makeup to this appointment.**

**For any questions, please contact our office 919.521.8282**

**Thank you for entrusting us to your care!**