



DERMOAROMA



FACIAL FAT GRAFTING  
&  
PRP GROWTH FACTOR  
TRAINING



## **Objectives of the course**

Infiltrative are the Achilles's heel (weakness area) of the majority of facial surgeons that tend to believe that minimally invasive techniques are sort of too soft or simple for them.

A common belief is that infiltrative should be kept inside the medical practice, but performed by a different physician than the surgeon him/herself.

Aesthetic physicians are frequently afraid of performing intermediate to advanced techniques, and tend to stay in their field of comfort with only partial resolution of the patients blemishes.

There is a path that unify both visions; Volume & Expression. This course analyzes the different aspects of facial rejuvenation through infiltrative focusing on the intermediate to advanced techniques and discussing all the controversial and new trends within this area.

An important time is given to practical activities, and each of the assistants will have the time to perform the procedures under tutor guidance.

A full day of facial fat grafting with live surgery allows the audience to observe and learn the newest technologies regarding the use of fat in the face, and I will present the highlights of the procedure to get reliable and reproducible results.

A facial volume analysis and treatment protocol is provided, making the difficult, simpler.



## Medical & Aesthetic

Offering Platelet Rich Plasma (PRP) therapies

for your practice is a natural progression of services needed for a successful aesthetic practice as the popularity of these procedures has skyrocketed.

The cost to incorporate PRP within your practice is relatively small while the return on investment is as little as (3.5) patients total. Patient satisfaction concerning this new procedure is very high because of the results received. PRP cell therapies repairs and regenerates damaged skin of all ages do to its biological mechanism of action and attraction of stem cells in repairing soft tissues. PRP unlocks the biological potential for healing of skin tissues and is an effective cellular therapy for a number of aesthetic conditions.

DR. Ignazio Scimè has designed the Platelet Rich Plasma Training to include all of the major areas aesthetically as well as give you the tools and “pearls” to be successful immediately upon completion of the program.

Our physician specialists will ensure that each attendee will understand and be proficient for the aesthetic uses for platelet rich plasma. Give your patients a natural, non-synthetic, solution for their aesthetic needs and see the long-term advantages of these cellular therapies.

PRP has been used extensively in hospitals for many years, over 2,000 hospitals nationwide take advantage of this technology. Oral surgeons, plastic surgeons, orthopedic physicians, cardiologists, and physicians in sports medicine have been utilizing Platelet Rich Plasma (PRP) therapies for over (25) years. The process is simple and effective while also being affordable to the patient and physician offering these services.



PRP procedures allow for blood platelets from a patient to be concentrated in such a manner that by re-introduction to the body certain biological activities take place that allows for repair of damaged tissues. Autologous platelets when activated release concentrated growth factors in the form of glycoproteins. These cytokines and growth factors that are activated and released during degranulation include:

**IGF I & II:** Insulin -like growth factor (somatomedin C protein) encoded in the IGF1 gene.

**Transforming growth factor beta (TGF- $\beta$ ):** cellular differentiation and proliferation, most tissues have high expression of the gene encoding TGF- $\beta$

**CTGF/CCN2 (Connective tissue growth factor):** matricellular protein needed for angiogenesis, proliferation, and adhesion of cells.

**FGF (Fibroblast growth factor):** needed for wound healing, proliferation, and differentiation for a variety of tissues and cells.

**EGF (Epidermal growth factor):** mitogenic protein stimulating cell growth and differentiation while binding to resident cell receptors (EGFR; ErbB-1; HER-1).

**VEGF (Vascular endothelial growth factor):** signal protein angiogenic inducer in vivo stimulating the growth of new vessels.

**IL 8 (Interleukin-8):** proinflammatory CXC chemokine which activates intracellular signaling pathways inducing chemotaxis and promoting angiogenesis.

**KGF/FGF7 (Keratinocyte growth factor):** natural protein and paracrine mediator of epithelial cell growth – hair/alopecia treatments.

**CD34+ Cells:** stem cell marker needed to attract additional stem cells to the repair site.

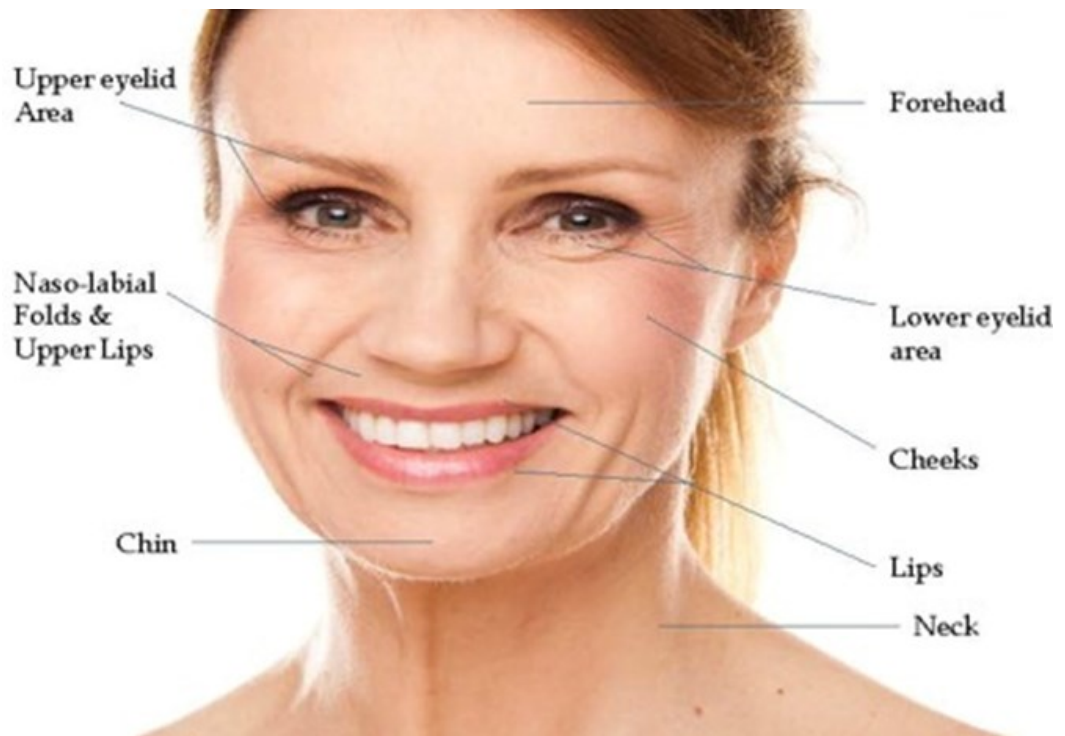
**Cytokines/Adhesion Molecules:** Stromal Derived Factor – Alpha (SDF-1 $\alpha$ ): modulates migration and recruitment of stem cells to the repair and regeneration site.



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Platelet Rich Plasma Training will prepare you for what is needed to create these essential healing factors and allow for precise and highly reproducible separation of blood components. Platelet Rich Plasma is an effective cellular therapy for stem cell migration, progenitor cells that can be converted to soft tissue (tissue genesis), and signal proteins to modulate the repair and regeneration process. Regeneration and repair occurs within (10) days but the true results are apparent within 4-5 weeks after the All areas of the face and neck can be enhanced using PRP which includes the following:

The results to local tissue repair and growth are permanent and does not get synthesized and reabsorbed by bacteria like other aesthetic treatments such as Botox© and dermal fillers that has a limited life span.





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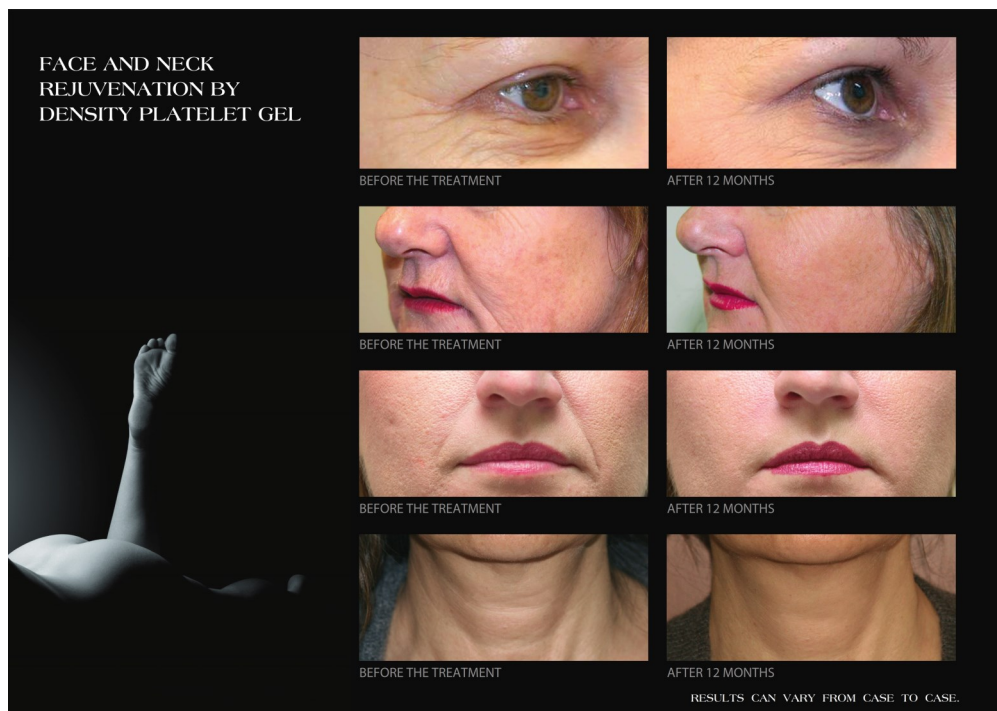
Attendees during the Platelet Rich Plasma (PRP) training will receive didactic on the various FDA approved spin methods, advantages of dual spin vs. single spin, and a full understanding of the biological mechanism of action for these procedures. Other therapies such as the use of PRP in alopecia treatments.

Patient selection, indications for use, different forms of PRP, and contraindications for the use of PRP will be given as well as hands-on training through demonstrations on live patients.

The various injection techniques, recommended dosing, pearls, special handling, and other considerations are given as well as potential risks and possible effects of the treatment.

After our Platelet Rich Plasma (PRP) training you will learn why so many patients are and will be looking for these revolutionary, new procedures.

All manuals, treatment forms, intake forms, instructional videos, and other related marketing materials are given so that you not only learn the new procedure but can immediately implement and benefit from these therapies.





## Platelet Rich Plasma Training Objectives

Upon completion of the PRP Training in Aesthetics, attendees should have a thorough understanding and show proficiency in the following:

Learn the different FDA Approved methods used to prepare PRP including:

- Advantages of dual spin vs. single spin units
- Difference in PRP kits and the various protocols for single spin units
- Concentration of biological agents of each, including special considerations for handling and clinical validity of medical PRP as compared to commercial products promoted
- Different forms of PRP and indications for use

Learn the various uses of PRP for aesthetics and medical solutions for a variety of conditions

- Acquire the necessary skills to perform all aesthetic injections and understand the inclusion or exclusion of white blood cells for specific areas as well as the benefits of decanting red cells for certain facial areas.

Learn the various delivery options such as dermal rollers including selection criteria

- Understand the biologic activity of PRP, clinical validity of PRP, anecdotal studies concerning various medical conditions, aesthetic considerations for use of PRP, as well as the future of cell therapies.

Learn from our physician specialists about combination therapies, likely results for patients, and various other options to enhance PRP or other augmentation procedures for overall patient satisfaction.

Learn to market and promote these new procedures using conventional marketing techniques and internet marketing. Pricing and packaging options are presented for a better understanding on how you will incorporate these procedures into your practice.



## MASTERCLASS PROGRAMME PRP AND FAT GRAFTING (LIPOFACE)

By Dott. Ignazio Scimè - Milano (Italy)

### **09.00 :** Facial fat grafting course

Histology and physiology of the adipose tissue

Cutaneous improvements with fat grafting

Facial harmony and beauty -

Facial anatomy

### **9.45:** Facial aging

Facial lipofilling anesthesia, extraction -

Processing, technique and results -

Sharp needle intradermal fat grafting (SNIF), mesofat and subcision – PRP

### **10.30: COFFEE BREAK**

### **10.45:** Platelet Rich Plasma (PRP)

- Assumptions
- Growth Factors
- Preparation
- Techniques
- Legal medical problems and informed consent

### **11.45:** Technique

The revitalization of the face

The revitalization of the body

### **13.00:** Lunch

### **14.00:** Demonstration and Practical techniques for attendants

Live surgery case 1:

Facial fat grafting full face

Live surgery case 2:

Snif, mesofat and subcision

Live surgery case 3:

PRP techniques and application.

### **17.00:** Questions and Answers.