

## What is the procedure like?

The treatment of PRP is relatively simple and can be completed within an hour. We collect the PRP by drawing a small amount of your blood, putting into an FDA cleared device, placing it in a centrifuge and spinning it until the platelets separate from the blood. We keep the plasma and we don't use the red blood cells. Once the Platelet Rich Plasma is separated, it is then transferred to a syringe for injection. We add an activation agent that stimulates the platelets and acts as a scaffold so where we treat your body, the PRP stays and does not disperse. This allows the healing cascade to be focused in a specific area.

Since the PRP is a thin serum, it is able to be placed in a narrow needle and therefore is virtually painless. It is then injected into the areas of concern to begin the regeneration of the skin and smooth out wrinkles. It can be administered to as many areas as desired.

THE GOAL OF THIS THERAPY IS INTENTIONAL, TARGETED INFLAMATION AT A POINT OF INJURY OR DESIRED AREA OF REPAIR.

THE RESULT IS STIMULATION OF THE BODY'S NATURAL ABILITY TO HEAL AND CONSEQUENTIAL REPAIR.

## PRP - EFFECTIVE IN THESE AREAS

Skin | Hair | Orthopedic & Pain | Sexual Wellness

Contact us to learn more about PRP or to schedule your consultation.

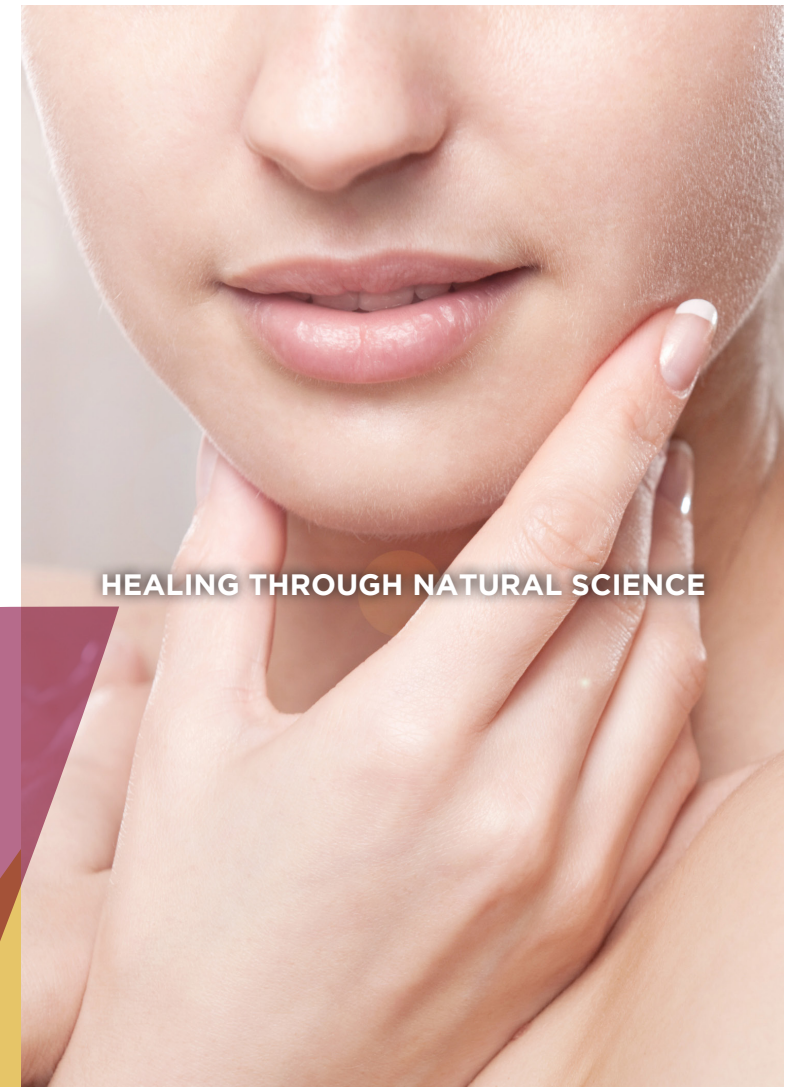
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HEALING THROUGH NATURAL SCIENCE

# AESTHETIC INDICATIONS

PLATELET RICH PLASMA

# PLATELET RICH PLASMA THERAPY

PRP is an advanced treatment physicians have used to help repair damaged or injured tissues in the body. This minimally invasive procedure helps initiate the regenerative process by utilizing the growth factors that platelets are known to contain. PRP therapy is autologous, meaning it is derived from the patient, therefore reducing the risk of rejection or allergic reaction.

The human body is a highly resilient system, able to heal itself in ways that can often seem like magic. Sometimes our body needs help in certain places where it has reduced blood flow and therefore our system sees no need for healing at all. Examples of these circumstances can be scars on your face or body, sun damaged skin around your eyes, translucency on the back of your hands, loose skin and wrinkles around your mouth or injuries to the knee or shoulder.

PRP, a procedure that uses your own blood to repair your cells has proven its effectiveness at addressing aesthetic issues, hair rejuvenation and orthopedic repairs. Since your own blood has amazing healing properties, this treatment has revolutionized the recovery time of joint and tendon injuries and the reversal of skin aging.

Platelet Rich Plasma treatment is not as new as you may think. It has been used by oral surgeons to assist the healing process following oral and maxillofacial reconstructive procedures. Plastic surgeons utilize this procedure to promote healing after facial surgery, and cardiologists after open heart operations to prevent blood loss. Now, it is a very common procedure in sports medicine used to treat tendon injuries, sprains and tears of the muscles, and ligament injuries.

Over the past decade PRP has become more popular when used to regenerate skin tissues under the eyes, around the jawbone and mouth, under the chin, on the neck, smoker's lines on the upper lip and many more.

## HOW THIS REVOLUTIONARY PROCESS WORKS

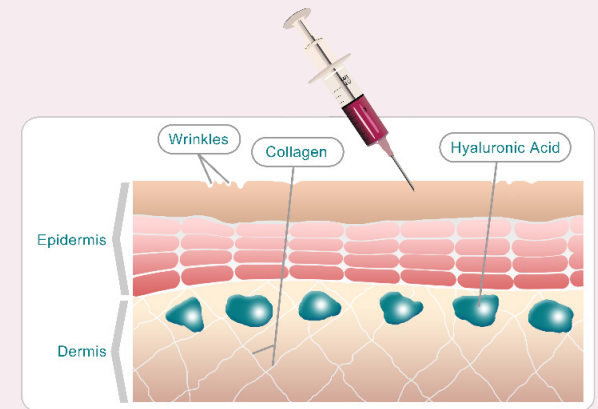
Platelet Rich Plasma is actually blood plasma containing a concentrated amount of platelets and other vital growth factors. The platelets are the most important part of this procedure, these are what contain growth factors and bioactive and signaling proteins. The bioactive, or healing proteins, are what begin the repair and regenerate tissue. This is especially effective in stimulating healing in the meniscus, bone, cartilage, and rotator cuff tissue, as well as developing new blood vessels and acting as an anti-inflammatory and pain reliever. The signaling proteins actually call stem cells to the desired area to assist in the regeneration of your tissues.

The Platelet Rich Plasma is highly beneficial for in increasing collagen formation, skin tightening, connective tissue regeneration, and skin thickness rejuvenation. When used in conjunction with Collagen Regenerative Therapy it is ideal for any wrinkling or sagging in the forehead, eye, chin, cheek, neck, or chest areas, and for the hands.

PRP's growth factors activate cells in the body to prepare for the healing and generation of new capillaries and collagen in the skin. In addition, the platelets initiate hemostasis (the stopping of bleeding) and balance the inflammatory response which is necessary during the healing process. Growth factors target specific cells to stimulate healing activities, which is why this treatment can effectively be applied to centralized areas.

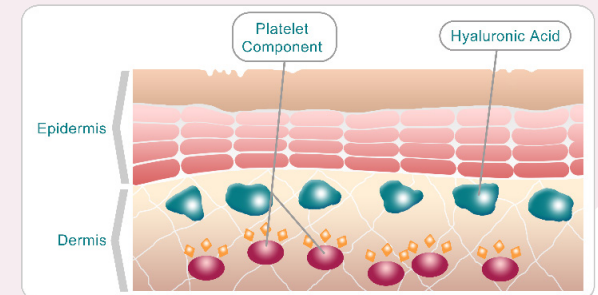


## AGED SKIN



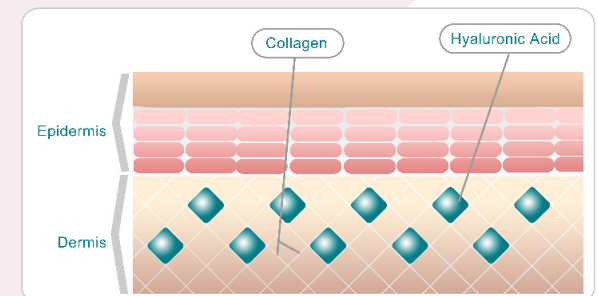
### Injection Component

The aged skin has less collagen, low elasticity, a reduced amount of hyaluronic acid, and low ability to retain moisture.



### Release of Growth Factors from Platelet Component

Cell growth is activated and collagen is produced.



### Regeneration & Rejuvenation

Collagen is produced and skin elasticity is improved. The ability to retain moisture is restored.