

DR. MARC KERNER



REGENERATIVE MEDICINE WITH PLATELET RICH PLASMA THERAPY

→ WHAT IS PLATELET RICH PLASMA THERAPY- ALSO KNOWN AS PRP?

PRP is a concentration of a patient's own platelets which are components of blood that contain healing factors and bio-active proteins. These cells are vital for tissue regeneration and repair. Platelets are not only responsible for clotting but are a reservoir of these vital healing components. The platelets contain a number of growth factors that stimulate wound healing, and signal other healing cells to come to the location where the growth factors are released.

OBTAINING PRP?

A small amount of peripheral blood is taken from a patient and placed into an FDA medically approved container which is placed in a specialized centrifuge that separates the blood samples into layers of platelet rich plasma and red blood cells. The red cells are discarded, and a pure concentrated amount of platelets are then prepared for reinjection.

HOW IS IT USED?

PRP is used for cosmetic purposes to enhance fat grafting take and survival, and for treating musculoskeletal inflammation such as tendinitis, severe muscle pulls, arthritis, and other joint diseases. It is injected directly into these areas using either ultrasound or fluoroscopy guidance. Once the PRP is introduced into the desired area, the platelets release a very high concentration of growth factors that bring other healing cells into the area. There is also a strong anti-inflammatory effect from PRP so there is minimal bruising or swelling in the region where it is injected. The healing process starts immediately and continues to take place over a 4-6 week period. Repeated injections are sometimes needed to continue stimulating the healing process, especially for arthritis. Regenerative medicine is an exciting new area of medicine that is leading to significant improvement in patient care.

For more information on Dr. Kerner and PRP, please visit www.calwestent.com or call **818-349-0600**.

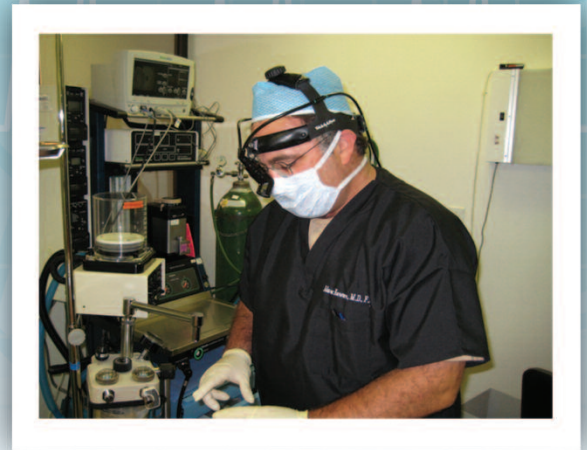
Dr. Kerner has offices in both Northridge and Westlake Village. ✕

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