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SURGEONS

L-PRF Frequently asked questions

What is L-PRF?

L-PRF stands for Leukocyte-Platelet Rich Fibrin. Leukocytes are also known as white blood cells. They are part of your immune system and are responsible for helping heal your body. Platelets are blood cells that attract healing cells and produce growth factors that are essential for your healing process. Platelets and fibrin help your blood clot.

How are L-PRF membranes created?

L-PRF membranes are first created by taking a small blood sample from you. The tubes with your blood sample are spun using a specific protocol which separates the L-PRF from the rest of your blood. The L-PRF clot is then removed from the tube and placed in a device that compresses it into a thin membrane.

What is Platelet Fibrin Therapy?

Platelet Fibrin Therapy uses L-PRF membranes to promote healing.

Is L-PRF painful?

It is as painless as a routine blood draw.

How does L-PRF work to heal?

The L-PRF membrane provides a concentration of growth factors, naturally found in your blood, to help direct the healing process and forms an efficient network for cells to communicate with other cells and tissues. Due to the high concentration of your platelets and leukocytes within the L-PRF membrane, the fibrin releases growth factors for up to 14 days after placement. This is when your body is repairing itself and needs the extra help to heal.

Are there any side effects or complications from L-PRF?

L-PRF uses your own blood, with NO additives whatsoever. This reduces the risk of disease transmission, allergic reaction, or rejection because your own concentrated platelets, with their own unique healing abilities are simply re-introduced at the site of your extraction, implant placement, or other surgical site.

What types of conditions are treated with L-PRF?

L-PRF is used for many dental and oral maxillofacial procedures to enhance the healing process for both soft and hard tissue regeneration.



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L-PRF Patient education

Platelet Fibrin Therapy

Tooth loss and damage to the jawbone and tissues are often challenging for your dentist during oral surgery or implant placement. Without enough support in the jawbone, dental implants cannot be immediately stabilized, and tissue healing can be a long process. The solution to these and other difficult situations is a new Platelet Therapy created from your own blood. Leukocyte-Platelet Rich Fibrin (L-PRF) changes all the rules as it promotes healing and bone growth from within your own body.

Unlike other treatments that use artificial components, Platelet Therapy with L-PRF uses only your own blood. With a simple blood draw and an advanced technology protocol, L-PRF is created with your unique biologic signature. The end results are improved healing response and significantly less recovery time.

Healing from within

L-PRF is basically a bioactive “band-aid” that is created from your own blood and then placed in your surgery sites to promote healing.

When placed in the surgery sites, L-PRF releases your body’s own natural healing proteins, creating an efficient network for cells to enhance the healing process. Depending on your situation, your doctor may supplement your L-PRF membrane with different biomaterials customized for your needs. Your doctor will determine the most appropriate L-PRF technique for you.

L-PRF membrane benefits

- An FDA-cleared system
- Natural healing properties that promote a faster recovery
- Lower risk for complications
- Virtually painless

Your own power to heal

If you suffered a small scrape on your knee, your body would react by creating a clot to stop the bleeding, form a scab, and finally regenerate healthy new skin. Platelet Fibrin Therapy is an enhanced version of your normal healing process. A small amount of blood is collected to create an advanced bioactive compound that will boost the healing forces found within your own blood to improve your healing. The procedure to obtain L-PRF is virtually painless-no more painful than a routine blood test.



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L-PRF Patient education continued

Your own power to heal

The therapy is 100% natural and additive-free. Natural growth factors present in your body are concentrated using L-PRF. Your own concentrated platelets and other key blood cells and their unique healing abilities are simply re-introduced at the site of your surgical procedure. As a result, your own body releases powerful healing proteins, and creates a scaffold for healing.

A natural choice

- 100% natural, 100% you
- Simple, holistic procedure
- No chemicals or additives

The IntraSpin System allows your clinician to create as many L-PRF membranes as deemed necessary. After the blood sample is taken, the tubes are spun using a very specific centrifuge and protocol. The L-PRF clots are then removed and pressed into a thin membrane. L-PRF is not chemically altered and doesn't contain any synthetic or animal ingredients.

After your L-PRF membrane is created, it can be placed directly in/on surgical sites to immediately promote healing.