

Consent Form for Phlebotomy and the Development of Platelet-Rich Plasma

I. Consent for Platelet-Rich Plasma (PRP)

Dr Saghafi has recommended the use of platelet-rich plasma (PRP) to enhance your healing. PRP is a component for your own blood that contains growth factors known to stimulate bone and soft tissue healing. It is processed from your own blood in a sterile fashion and is therefore safe from transmission of diseases from others.

To process PRP, about 20 to 60 mL of blood (about $\frac{1}{3}$ to $\frac{1}{2}$ of a coffee cup) will be drawn from a vein using an aseptic technique. The risks associated with venipuncture are extremely small; however, there is a remote possibility that this invasive procedure may cause fainting, nausea, phlebitis, bruising or nerve damage. Your blood will be processed for about 15 minutes in a device approved by the US Food and Drug Administration (FDA). It will then be activated and added to your surgical site to assist healing. To activate PRP, two drops of a calcium chloride solution are mixed with a clotting agent called thrombin, which is obtained from a commercial company that uses bovine (cow-derived) thrombin. When used to activate PRP, bovine thrombin is perfectly safe. However, your doctor can activate your PRP by alternative means at your request.

I, _____, voluntarily consent to the use of PRP as part of a wound-healing treatment plan. In order for my doctor to carry out this procedure, I consent to furnish 20 to 60 mL of my blood so that it can be processed in an FDA-approved device. After my blood is processed, a platelet concentrate will be produced. This material will be applied to my wound for the potential benefit of enhanced healing.

II. Explanation of Risks and Causes of Discomfort

I understand that PRP is applied topically and may cause some temporary local burning or irritation in some patients. I also understand that furnishing my blood will involve a needle stick into a vein in my arm or another location. While drawing blood involves minimal risk, there is a remote possibility that furnishing my blood may cause nausea, vomiting, fainting, dizziness, hematoma formation, bruising, blood loss or infection. I may also experience discomfort from the needle stick at the puncture site.

III. Explanation of Benefits

I understand that PRP treatment is only part of my wound-healing program and that following all of the requirements of the treatment program is critical to the healing process. I also understand that the application of PRP has the potential to enhance and speed up my wound healing but is not a guarantee of healing

Signature: _____ Date: _____