ETOBICOKE PERIODONTICS

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INFORMED CONSENT FOR VENCIPUNCTURE FOR PRF
(Growth Factor Preparation)

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PLEASE ASK IF YOU HAVE ANY QUESTIONS BEFORE SIGNING THIS DOCUMENT

Bloods contain cells such as white and red blood cells and platelets, all of which have important functions. Platelets are the key cells in wound healing due to their role in clot formation and the release of signaling molecules called cytokines, while white blood cells, called leukocytes, have an important role in infection control and inflammation.

Plasma-Rich Growth Factor, a high-density fibrin network with a high concentration of leukocytes and platelets, and with autologous concentrated growth factors, using a patient's own blood with the purpose of reinforcing the natural process of healing in a surgical or wounded site.

During blood collection, you will experience the discomfort of a needle prick. Localized bruising may occur where the blood was taken (venipuncture site). Some individuals feel temporarily lightheaded at the sight of blood; this passes quickly. A small amount of blood is drawn out via the IV. This blood is then placed in a specially designed centrifuge machine (Harvest Technologies Corporation) and processed under the strictest guidelines. In less than fifteen minutes, the Platelet Rich Plasma is formed and ready to use.

PATIENT NAME: _____

SIGNATURE :_____

DATE : _____

During the healing process, the body rushes many cells and cell-types to the surgical site to initiate the healing process. One of those cell types is platelets. Platelets are carriers of proteins specifically involved in the regeneration of injured tissues; these proteins are termed Growth Factors. Platelets perform many functions, including the formation of a blood clot and ultimately the release of growth factors (GF) into the wound. The GF function is to assist the body in repairing itself by stimulating stem cells to regenerate new tissue. The more growth factors sequestered and released into the wound; the more stem cells stimulated to produce new host tissue. Thus, it has been demonstrated that PRP permits the body to heal more rapidly and more efficiently.

PRF has many clinical applications:

- Bone grafting for dental implants. This includes onlay and inlay grafts, sinus lift procedures, ridge augmentation procedures, and closure of cleft lip and palate defects.
- Repair of bone defects created by removal of teeth or small cysts
- Repair of fistulas between the sinus cavity and mouth

PRF advantages:

- Safety: PRP is a by-product of our patient's blood; therefore, disease transmission is not an issue.
- Convenience: PRP is processed in our office, under strict sterile conditions, simultaneously while the patient is undergoing an outpatient surgical procedure, such as the placement of dental implants.
- Faster healing: The super saturation of the wound with PRP, and the described growth factors, produces an increase of tissue synthesis and thus faster tissue regeneration.

Provider Confirmation

I have explained the treatment, risks, benefits, and alternatives. I believe the patient understands the information provided.

Provider Signature (Dr. Jae W. Chang): _____

Date: _____