

## PRP and PRF Informed Consent

### What is PRP, and PRF?

The usage of donor tissue in dentistry is a prudent choice for implant dentistry. The usage of donor tissue ensures tissue quality and volume, without the need for additional harvest surgery and a second surgical site, with its respective pain and inflammation.

PRP (Platelet Rich Plasma) is taken from your own blood and added to the graft material. It speeds up healing and reduces the chance of infection and graft failure, by incorporating your own healing factors into the surgical site.

PRF (Platelet Rich Fibrin) is also taken from your own blood, and it is either used as a membrane to cover up the bone graft, or to regenerate bone and soft tissue. This also speeds up healing of the area and decreases the chance of infection. It also reduces cost. A donor membrane costs over \$150, whereas your own membrane is made for \$25.

It is sometimes not possible to prepare PRP or PRF, and therefore donor materials will be needed regardless.

Typically 10 – 50 ml of blood is collected (easily through the IV site). This is approximately 1-3 tablespoons. When donating blood at a blood clinic, typically 450 ml is taken (around a pint). Despite the small amount of blood collected, no exercise or strenuous activity for the next 24 hours is mandatory (which by the way will be required anyways because of the surgery).

There is no risk in using your own blood, as it comes from your body. The risk of infection however is greater without PRP and PRF. As well, the speed of recovery and tissue quality is greater with PRP and PRF.

By signing here, you authorize Dr. Giuliani to withdraw your blood, up to a maximum of 50ml, to be used for PRP and PRF preparation and incorporated into your surgery. Any remainder is destroyed. The additional cost is \$25. You have had any additional questions answered to your satisfaction by Dr. Giuliani.

Printed Name: \_\_\_\_\_

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

