



Platelet Treatment PRP/PRF

Platelet-rich Fibrin (PRF) & Platelet-rich Plasma (PRP)

At Fennell, Yoxthimer, and Associates, DDS, Inc., we believe in providing our patients with access to the best dental technology available. Platelet-rich plasma (PRP) and platelet-rich fibrin (PRF) have been clinically proven to help patients heal faster with fewer complications after dental surgery and other procedures.

Did You Know: PRP & PRF are trusted by NFL players and other pro athletes to aid their recovery after injuries. PRP and PRF can help you:

- Heal faster and get back to work quickly after a dental procedure
- Reduce your need for strong pain-medication and anti-inflammatories following dental surgery
- Greatly lower the risk of infection after oral surgery
- **Best of all, PRP and PRF are 100% natural.**

There are several ways in which PRF can be used in clinical dentistry:

Bone Grafting for Implants – This includes closure of a cleft lip and cleft palate deformities, sinus lifts, ridge augmentation, and both inlay and on lay grafts.

Bone Repair – PRF can be used in facial trauma reconstruction, repairing of defects due to tooth removal, or the removal of growths and cysts.

Fistula Repair – This includes the repair of fistulas between the mouth and the sinus cavity.

Reasons for Platelet-rich Fibrin Treatment

Platelet-rich fibrin application is now widely used to expedite the post-procedure healing process and is completely safe. Since the blood used will come from the patient's own body, disease transmission is not a factor. Almost all patients report a much greater degree of comfort immediately after their procedure. There are also several more distinct advantages of PRF:



- **Lower Infection Risk** – PRF is smeared thickly on the wound after the procedure by the dentist and actually seals the wound away from infectious agents, lowering the risk of problems.
- **Accelerated Healing** – The saturation of the wound with PRF helps increase tissue synthesis due to its growth factors, and this in turn results in faster tissue regeneration. Speedier healing decreases the risk of later infections, complications, and discomfort.
- **Safety and Convenience** – Disease transmission is non-issue since the blood is harvested from the patient's own blood supply. The amount of blood needed is small and can be collected during a routine outpatient procedure.

What Does Platelet-rich Fibrin Treatment Involve?

The dentist will initially assess if your candidate for PRF treatment. Patients with blood clotting disorders will be unable to take advantage of this treatment. A small (about 2 oz) sample of your blood will be collected during a scheduled outpatient treatment. The blood will be placed into a centrifuge to separate the fibrin from the red blood cells. A second centrifuge will be used to concentrate the platelets which contain the growth factor.

Immediately after suturing the wound, the dentist will apply the PRF to the surgical area in a high concentration. This will expedite your healing and decrease the amount of discomfort following the surgery. The dentist will provide aftercare instructions pertaining to the surgery and a prescription for pain medication as required.