Always a perfect healing with P.R.F. (platelet-rich fibrin)

By Dr. Dominique Caron

After any weird wisdom tooth extraction here is a first quick introduction to a smart technique.

You are happy, your busy complicated tooth, looking like a plug for hollow brick, is out.

You performed the removal nicely but you are now preparing the second step, which is not nicely but you are now preparing the second step, which is not

Of course, you hope for a quick healing with no infection, no swelling nor pain.

There is a very efficient way of helping nature, to give the times and the means to recover: You can bring massively in the socket the natural angiogenic, cicatricial rebuilding materials that the body naturally brings too slowly.

You need fibrin, platelets, leukocytes, cytokines and growth factors.

All of these components are available in patient’s blood, all you have to do is to extract it and concentrate it in the socket.

The process

Just before starting the surgery, you will need fibrin, platelets. The clotting cascade starts immediately so try to be quick with the blood collection and immediate centrifugation: around 2800 rpm 10 mm.

While the nurse is taking care of the blood, you extract the wisdom tooth in a smart way, as I am sure you know. You begin to set the stitches as usual but before doing the knots, fill the socket with PRF.

What does it change?

- Hemostasis: You get a quick clot filling the socket (that allows much less food collection)
- The dental nerve is immediately protected
- Fast neovascularization.
- Even lower risk of infection
- Inflammation is lower during the following days
- Pain is reduced
- Even lower risk of infection
- Fast neovascularization.
- Accelerated tissue remodeling:

- Bone resorption is much less significant
- GENIC response.
- Bone resorption is much less significant
- EFFICIENT: Enhances the body’s natural healing.

To conclude, this smart French technique can render your patient’s life and yours much happier!

Stay tuned for further articles with all other applications.

References


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