

A MESSAGE FROM DR BRAUN...

I have more great news to share with you! At Vancouver Laser we always like to be first.

Do you have an old or even new sports injury? Do you have nagging pain in a knee, ankle, joint or shoulder? Do you have an acute or chronic injury that has not responded to treatment or surgery? We may now be able to help you. We are thrilled and excited to once again be on the cutting edge with Platelet Rich Plasma Therapy, also known as PRP therapy in a Sports Medicine/Orthopedic version as well as for cosmetic treatments.

PRP therapy has commanded a great deal of media attention in recent months. It is frequently written up in medical journals and is now widely touted to accelerate cartilage repair, tendon regeneration, muscle repair, early osteoarthritis and last but not least, wrinkles. PRP therapy, according to clinical studies does indeed stimulate the proliferation of various cell types. All of this with absolutely no risk of an allergic reaction. We are proud to be part of pioneering work being done around the world.

We are hoping and expecting exciting data to be coming out soon.



PLATELET RICH PLASMA THERAPY FOR SPORTS MEDICINE AND ORTHOPEDIC



R. Belle, M.D.
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Orthopedic
Surgeon

Soft tissue injuries and joint injuries are often complicated with prolonged and incomplete recovery. Many growth factors are involved in the repair and regeneration of cartilage, tendons and ligaments. The potential benefits of enhanced healing processes have led to a widespread interest in the use of PRP (platelet rich plasma) therapy.

Although doctors have used PRP therapy since the mid-1990s to aid bone healing after spinal injury and soft tissue recovery following plastic surgery, it has only been in the past year that the treatment has really come to the forefront. Since athletes such as Tiger Woods and Pittsburgh Steelers' Hines Ward have been treated with PRP, people from around the world have been turning more and more to this type of therapy. In fact, according to the media, PRP injections in his elbow, may have been the reason that Los Angeles Dodgers' pitcher Takashi Saito was able to return to the mound for the 2008 Major League Baseball playoffs.

The allure of PRP for injuries in sports medicine, as well as for musculoskeletal injuries, is that theoretically, it can provide an abundance of healing factors in the body's normal environment.

In keeping with our philosophy of moving forward and being at the forefront, Dr. Belle, Orthopedic Surgeon is now offering PRP therapy at Vancouver Laser. Unlike the typical PRP, which is only a 2-X concentration of platelets, we use the patented form known as Biophyller TM hcPRP, that involves injecting platelet rich plasma in a concentration of **23-90X**.

If you are a suitable candidate and you choose to have the treatment, we will first take a few vials of your own blood. We then spin it in a centrifuge to separate the platelet-rich plasma from the other components. Then we inject the concentrated platelets at the site of the injury or problem. In theory, the growth factors that the platelets secrete (not including human growth hormone) will spur tissue recovery. The autologous nature (using your own blood) of PRP eliminates the risk of immune rejection or disease transmission.

Depending on the degree and extent of injury, typically one to three injections are required. The more chronic or involved the injury is, the more injections may be necessary. Injections are usually spaced 4 weeks apart.

There is minimal discomfort at the time of injection because we do a "block" and numb the area being injected. The numbing wears off in 3-5 hours and there may be some initial discomfort following injection. The area may feel hot, swollen and tender. Minimal discomfort may persist for 2 -5 days. We recommend patients do not do anything significant during this time of healing.

The regenerative repair process takes weeks to months.

There have been no reported complications with PRP therapy. Since PRP is from your own body, there is no risk of disease transmission or blood incompatibility. The only known risks associated with the use of PRP that you should know, are bruising, swelling, and temporary pain at the injection site.

Feel free to call us for a consultation 604-708-9891 to determine whether or not you are a candidate. The cost of the consultation is \$250 and it is not applied to treatment. At the time of the consultation you will be given an estimate as to the cost of the actual treatments, depending on the number of injections that will be needed.

Please note: This treatment is NOT covered by MSP. We accept all forms of payment including credit card.



[Click here for more info](#)

PLATELET RICH PLASMA THERAPY FOR COSMETIC PURPOSES

Many growth factors are involved in the repair and regeneration of soft tissue. The potential benefits of enhanced healing processes for skin depressions, wrinkles, acne scars, fine lines, crow's feet and collagen depletion, have led to a recently widespread interest in the use of PRP (platelet rich plasma) therapy for cosmetic improvement.

The allure of PRP is that theoretically, it can provide an abundance of healing factors in the body's normal environment. Since platelets are responsible for healing and coagulation as well as providing growth factors to stimulate tissue regeneration and repair, it makes sense to try to harness their power to stimulate collagen renewal.

In keeping with our philosophy of moving forward and providing a cutting edge approach, at Vancouver Laser, we now offer Biophyller TM hcPRP, which is highly concentrated platelet rich plasma therapy. Instead of using PRP from systems such as Selphyl, that typically use a 2X concentration of platelets, we use the patented form of highly concentrated platelets that involves injecting platelet rich plasma in a concentration of 23-90X.

HOW HCPRP THERAPY WORKS

The theory behind PRP is that it may affect tissue healing via growth factors that are released after platelet degranulation. Because of this potential benefit we now inject hcPRP. And although it can be injected into the same areas as common cosmetic fillers, it cannot compensate for major volume loss.

WHAT TO EXPECT

Following a consultation to determine if you are a suitable candidate and if you choose to have the treatment, we will first take a few vials of your own blood. We then spin it in a centrifuge to separate the platelet-rich plasma from the other components. Then we inject the concentrated platelets in the area we wish to optimize in terms of benefits. In theory, the growth factors that the platelets secrete (not including human growth hormone) will spur tissue regeneration and the growth of collagen. The autologous nature (using your own blood) of PRP eliminates the risk of immune rejection or disease transmission.

Depending on the degree and extent of the wrinkles or folds, typically one to three treatment sessions are required. Injections are usually spaced 4 - 6 weeks apart.

There is minimal discomfort at the time of injection because we do numb the area being injected.. The area may feel slightly swollen and tender. Minimal discomfort may persist for 2 -5 days. The regenerative repair process takes weeks to months.

There have been no reported complications with PRP therapy.

Feel free to call us for a consultation 604-708-9891 to determine whether or not you are a candidate. At the time of the consultation you will be given an estimate as to the cost of the actual treatments, depending on the number of injections that will be needed.

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