



*Accelerate*<sup>®</sup>  
CONCENTRATING SYSTEM

Platelet Rich Plasma Therapy





This brochure offers a brief overview of Platelet Rich Plasma therapy. This information is for educational purposes only and is not intended to replace the expert guidance of your physician. Please direct any questions or concerns you may have to your doctor.

Tendons and ligaments connect muscles to bone, making it possible for you to walk, jump, lift and move. Once injured, tendons and ligaments do not heal easily because they naturally have poor blood supply, particularly where they connect to bone. As a result, the tendons and ligaments become weak and the muscles become over-taxed causing chronic pain, weakness and further damage.

Common treatment options include: rest, anti-inflammatory medicines, physical therapy, bracing and even corticosteroid injections. For some patients, these treatment options are not enough and do not provide long-term relief.

Now there is a new treatment that is accelerating the way patients heal from chronic problems with tendons, ligaments and muscles. It's called Platelet Rich Plasma (PRP) therapy.

## The Power of Platelets



Blood contains platelets and fibrinogen, which play a crucial role in blood clotting and also carry certain growth factors that promote wound healing.<sup>1-7</sup> PRP is derived from your own blood, which has been processed to concentrate the platelets. When injected into the injured site, these concentrated platelets contain powerful growth factors that can jumpstart the healing of injured tendons and ligaments by stimulating tissue repair and regeneration.<sup>1-8</sup>

Common conditions that can be treated with PRP include tennis elbow, golfer's elbow, Achilles injuries, patellar and quadriceps tendinosis, and partial rotator cuff tears.

## How Does it Work?

Your physician will collect a small amount of your blood. The blood is then placed into a centrifuge. The centrifuge concentrates the platelets from the blood. The concentrated platelets are then harvested and injected into the injured area.

Responses to treatment vary, but most patients will need one to three injections. Each set of treatments may be spaced approximately three to four weeks apart.



## How Will I Feel?

As with any injection, you may experience some localized soreness and discomfort at the injection site. Your doctor may prescribe some over-the-counter pain relievers or recommend that you apply ice to the area as needed.

In general, patients treated with PRP therapy report significant improvement in their symptoms.<sup>1-3</sup> PRP therapy may eliminate the need for more aggressive treatments such as invasive surgery or long-term medication.

## Is PRP Right for Me?

Your doctor will determine if PRP therapy is right for you. If you have a tendon or ligament injury and traditional methods have not provided relief, then PRP therapy may be a solution.



## When Can I Return to Regular Physical Activities?

PRP therapy is not a quick fix. The therapy stimulates the growth and repair of tendons and ligaments, which requires time and rehabilitation. Your doctor will work with you to determine when you will be able to return to your regular physical activities.

## REFERENCES

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Accelerate® Concentrating System and Accelerate PRP Sport® have not been evaluated by the FDA for specific therapeutic indications.

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Exactech, Inc.  
2320 NW 66th Court  
Gainesville, FL 32653  
USA  
800.392.2832

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