

NEWS RELEASE



FOR IMMEDIATE RELEASE: May 16, 2013

Contact: Jennifer T. Kollar, Director,
Marketing & Public Relations
Phone: 330.629.2888 ext. 133
Email: jkollar@doctorspainclinic.com

www.doctorspainclinic.com

Doctors Pain Clinic now offering Platelet Rich Plasma Injections, a natural healing treatment option for acute and chronic injuries

[BOARDMAN, OHIO] Doctors Pain Clinic continues its commitment of pairing first-class patient care with cutting-edge treatment options and is now offering a new treatment option **“Platelet Rich Plasma Injections”** (PRP) for patients with tendon, ligament, or muscular injuries.

Platelet Rich Plasma (PRP) injections also known as Autologous Conditioned Plasma, treat injuries by stimulating the body’s own healing potential with the use of the patient’s own blood (autologous).

“PRP is an emerging treatment that accelerates the healing of musculoskeletal injuries using the body’s own growth factors and platelets. PRP is most commonly used to treat joint pain, acute and chronic muscle and ligament strains and degenerative disorders,” explains Kate W. Paylo, D.O., a Board Certified Pain Management Specialist at Doctors Pain Clinic, Boardman, Ohio.

Dr. Kate Paylo is one of the only physicians in the area offering this new healing treatment for patients with these types of injuries.

Background: PRP injections have been used since the late 1980s to help promote healing in dental, orthopedic and plastic surgery procedures. In the last five years, PRP has been recognized for its potential to treat both chronic and acute musculoskeletal injuries involving tendons, ligaments, and muscles. The procedure has continued to attract nation-wide attention, gaining popularity and recognition from professional athletes who have had the PRP injections after injury to enable them to return to competition as quickly as possible.

Healing after an injury involves a well orchestrated and complex series of events, proteins in the blood act as messengers to regulate the injury process.

Many proteins involved in healing come from small cell fragments in the blood called platelets. Platelets are small and colorless. They are formed in the bone marrow and normally flow through the bloodstream. When injury occurs, the platelets become activated and begin to gather at the injury site to release beneficial proteins called growth factors. This is the beginning of the healing process.



How PRP works: “It is a relatively simple office procedure and patients usually notice results in several weeks. Healing then continues months after the injection,” states Dr. Paylo.

A small amount of blood is drawn from the patient’s arm using a specially designed syringe. The blood drawn is then placed in a machine called a Centrifuge which spins the blood at high speeds for approximately 5 minutes.

This process separates the blood into its different components including red blood cells, platelets and plasma--the non-cellular fluid in blood. The middle layer of the blood contains the Plasma Rich Protein (PRP) and contains highly concentrated amounts of platelets-- the cells that normally produce blood clotting. Platelet cells also contain a number of specialized chemicals called “growth factors.” The goal of a PRP injection is to deliver high concentrations of growth factors to an area of injury to stimulate healing. Once the blood is separated into its components, the patient’s own platelets are injected back into the injury site to begin the healing process. The entire procedure is done in less than 20 minutes. Patients can expect get 3 injections. Because PRP uses the patient’s own blood, there is no chance of allergy or immune reaction. Generally speaking, the procedure is safe. The most common side effect is temporary pain at the injection site along with some redness and swelling.

For More Information call Doctors Pain Clinic: 330.629.2888 or 1.888.784.4312 (toll free).

About Doctors Pain Clinic: (www.doctorspainclinic.com) Based in Boardman, Ohio, Doctors Pain Clinic is a multi-disciplined and comprehensive pain management center. A team of highly skilled board certified pain management specialists provide the most advanced and cutting-edge treatment options available for the management of chronic pain in the region. Doctors Pain Clinic’s pain management specialists see patients at a variety of locations in Northeast Ohio and Western Pennsylvania. In Ohio: Boardman, Akron/Barberton (Summa Barberton Hospital), Salem, Warren (*St. Joseph Pain Management Center*) and in Western Pennsylvania: Hermitage and Sharon Regional Health System.

About Chronic Pain: Chronic pain affects an estimated 116 million American adults – more than the total affected by heart disease, cancer, and diabetes combined. Chronic pain, which is defined as pain that lasts for more than three to six months, is a disabling condition, not simply a symptom of another disease or condition, and it can be either intermittent or continuous. For some, chronic pain is so severe that it interferes with working, eating, participating in physical activity and enjoying life.

###