

APC NEWS



Regenerative Injection Therapies (RIT) are a spectrum of cutting edge therapeutic techniques used to naturally treat and heal the cause of a painful condition rather than masking the symptom. RIT stimulates and accelerates your own body's natural ability to heal itself. Two of the most effective RIT include stem cell therapy and platelet rich plasma injections.

Stem Cells are "undifferentiated" cells, which allow them to develop into another type of cell that is required to repair or replace damaged tissue. **Stem Cell Therapy** can repair tissues that are too damaged to heal on their own. Stem cells can stimulate the formation of cartilage, tendon, ligaments, bone and fibrous connective tissues. Stem cells are obtained from either the patient's own tissue or a purified amniotic source. These concentrated stem cells are then injected into the patient's damaged tendon or joint.

Platelet Rich Plasma (PRP) Therapy utilizes platelets taken from the patient's own blood to rebuild damaged tendons or cartilage. Platelets normally circulate within the blood stream and are responsible for blood clotting and initiating a healing response in an acute injury. Many acute injuries do not heal adequately and can lead to chronic pain and loss of function of the injured area. Platelet rich plasma (PRP) therapy allows us to harvest the patient's own platelets and re-inject those platelets into the site of the injury to initiate healing and improvement of function. This is typically done under image guidance such as ultrasound and/or fluoroscopy.

As a result, the damaged tissue begins to heal. PRP has been successful in not only relieving pain, but also in jump-starting the healing process. Injuries and conditions commonly treated by RIT procedures include: Back and Neck Pain, Joint Injuries, Golfer's Elbow, Ligament, Cartilage, & Tendon Injuries, Osteoarthritis of the Knee, Hip & Shoulder, Tennis Elbow. Platelet rich plasma therapy and stem cell injections are done at our office and take about an hour. Patients return home the same day and are usually able to work the following day. **Ask If One Of These State of the Art Procedures Could Be Right For You.**

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Our board certified physicians have years of experience in minimally invasive procedures with additional training in regenerative injection techniques. The entire staff is dedicated to providing you with the best possible experience. Schedule an appointment with our physicians to determine if one of these cutting-edge procedures could be right for you. All procedures are performed under the guidance of ultrasound or fluoroscopy to maximize accuracy and results. We use the innovations of Apex Biologix and EmCyte Corporation, which, through their equipment and supplies, help us obtain some of the purest concentration of PRP and stem cells in the industry.