



*Advanced regenerative treatments
that aim to restore your active and
healthy lifestyle.*

Healing

Our treatments focus on encouraging your body to heal itself. Our advanced treatment processes concentrate your natural healing factors and deliver them precisely into the site of your injury to support and promote natural healing.

Prolotherapy

Prolotherapy is an injection of a special hypertonic dextrose solution that creates a mild inflammatory environment which is conducive to healing. This procedure can be a primary treatment; however we often use this in conjunction with our Adipose, BMAC and Platelet Rich Plasma procedures.

Platelet Rich Plasma

Platelets are little packets of growth factors and other natural healing molecules that help clot your blood. Platelet-rich plasma (PRP) is created by concentrating the platelets in your blood to enhance healing. These platelets have growth factors that can kick-start your normal healing process to encourage your body to heal itself. At Restore Orthopedics & Sports Medicine, we draw your blood, then process it in our lab to produce PRP, which then gets injected into the site of injury under precise ultrasound or fluoroscopic guidance.

Bone-Marrow & Adipose-Derived Specialized Cells

Our Bone Marrow and Adipose (Fat) Tissue are rich reservoirs of regenerative cells. These specialized cells, (also known as Stem Cells) can turn into many other types of mature cells and can also initiate a repair response. They work as your body's primary means of repairing damage. There are different types of stem cells, but for treating orthopedic injuries, we utilize adult mesenchymal stem cells. Bone Marrow and Adipose Tissue are the most effective locations for deriving the specialized cells. These regenerative cells can turn into bone, cartilage, muscle, tendon, or ligaments. At Restore Orthopedics, we either aspirate Bone Marrow from your hip bones, or harvest Adipose from your fat tissue; and then process your body's regenerative cells in our in-office orthobiologics lab to produce a strong concentration of specialized cells that we then inject into your site of injury, degeneration, inflammation, or pain. Dr. DeMers will discuss which type of treatment would be most beneficial for your unique needs.

Conditions Treated

Our specialized injections can treat a myriad of different orthopedic issues. Here at Restore Orthopedics, we treat arthritis, meniscus and labral tears, ACL tears, other ligament tears like MCL, and tendon issues like shoulder rotator cuff. We perform these injections on the knee, hip, shoulder, elbow, foot, ankle, lumbar spine, hand, and wrist. We treat everyone, including athletes and weekend warriors, to elderly patients.

Candidacy

Our injection procedures may be an alternative to surgery to heal your orthopedic condition. To find out if our approach is right for you, please contact us to schedule an in-depth, personalized consultation with Dr. DeMers. She will be able to inform you if you are a good candidate for Orthobiologic procedures and create the best treatment plan for your condition.

Contact Us

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