

Orthopaedic Stem Cell Therapy

What is Stem Cell Therapy?

Stem cell therapy is a treatment that uses stem cells, or cells that come from stem cells, to replace or to repair a patient's cells or tissues that are damaged. The stem cells might be put into the blood, or transplanted into the damaged tissue directly, or even recruited from the patient's own tissues for self-repair. It is a form of Regenerative Medicine. Regenerative medicine is a relatively new medical science that focuses on the body's own regenerative cells' ability to speed healing within muscle, tendon, ligament, bone and cartilage.

What are Stem Cells?

Stem Cells are undifferentiated cells found in bone marrow that have the capacity to become bone, muscle, cartilage, ligament and tendon cells. They can 'self-renew,' that is they can divide and give rise to more stem cells of the same kind. Upon arrival to the injured tissue, regenerative cells take on the characteristics of that host tissue. This naturally occurring process is the body's way of initiating the healing process.

How are Stem Cells cultivated?

Stem cells can now be acquired through a simple procedure thanks to the advent of improved equipment and techniques. Stems cells are gathered by aspirating bone marrow from the back of a patient's pelvis with a tiny needle.

How are the cells administered?

Stem cells can be administered in many different ways. The most common for Orthopaedics is through an injection accompanied with an arthroscopy.

When is it used?

This procedure is being offered for a variety of Orthopaedic problems, excluding any spinal or neck related issues.

Where does the procedure take place?

These procedures are usually done as outpatient, meaning there is no need for an overnight hospital stay. Most patients should expect to walk out of the clinic and resume low-impact activities shortly after the procedure.

What are the risks?

As with all medical treatments, there are always risks involved. Please contact your physician for more details on the risks and complications that can result from this procedure.

What are the benefits?

Some benefits of Stem Cell Therapy include:

- Renews, repairs, and promotes healing
- Promotes new tissue growth
- Promotes quicker restoration of function
- Involves little to no pain or discomfort
- No risk of allergic or adverse reaction
- No painful or lengthy rehab periods

What is the cost?

Being an innovative and non-invasive procedure, insurance companies, including Medicare, DO NOT cover Stem Cell Therapy.

This procedure is a **CASH ONLY** procedure.

Our doctor's fee here at Coastal Orthopaedics and Sports Medicine is \$5,000.

If you are interested in this innovative therapy, please contact our office to schedule an appointment at (727) 848-1417