

TREATMENT AREAS

- ✓ LOW BACK & NECK
- ✓ KNEES
- ✓ SHOULDERS
- ✓ HIP
- ✓ OSTEOARTHRITIS
- ✓ TENDINITIS
- ✓ FOOT & ANKLE

WHAT TO EXPECT

We perform all regenerative treatments in our office procedure suite. No hospital stay is required.

Each procedure can take anywhere from 30 minutes to 2 hours depending on what regenerative medicine source we are using and the body part we are treating.



David Webb, MD

EXPERIENCE

Dr. Webb is double board certified in interventional pain management and anesthesiology with over 6 years of experience in performing minimally invasive procedures.

TECHNOLOGY

Regenerative medicine procedures are performed under real time imaging guidance to ensure we address the correct area and maximize results.



GET IN TOUCH



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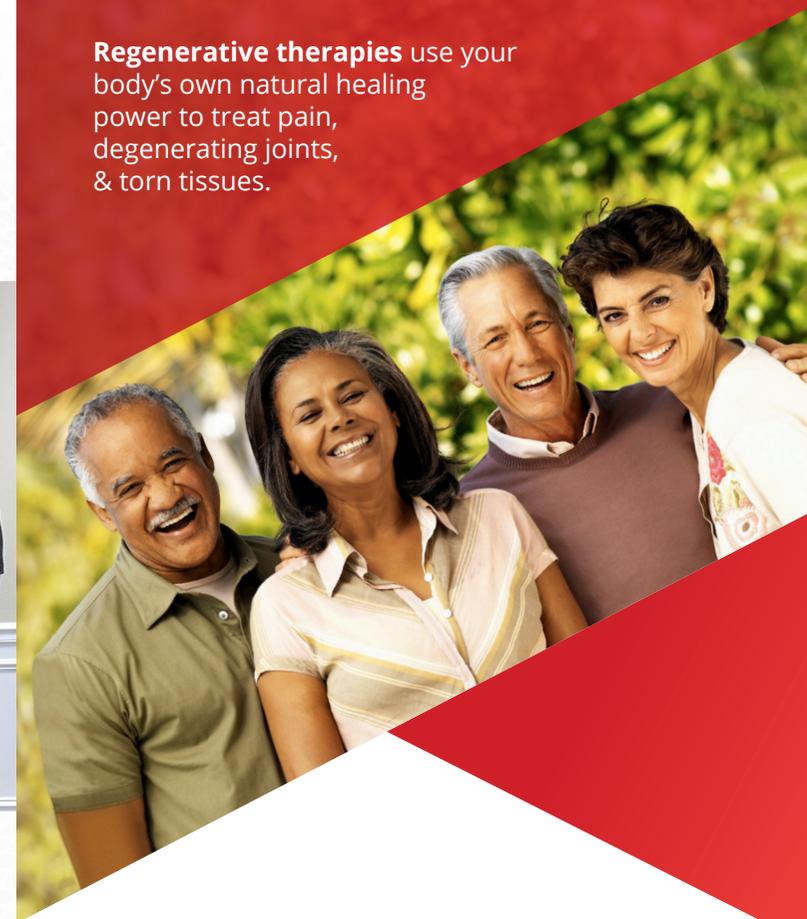
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NATURAL *Healing* POWER

Regenerative therapies use your body's own natural healing power to treat pain, degenerating joints, & torn tissues.



Regenerative medicine creates an environment for **your body to heal on its own** through a variety of procedures including stem cell therapy and platelet rich plasma therapy (PRP).

ABOUT REGENERATIVE MEDICINE

Regenerative medicine is a cutting edge therapy that is used to naturally treat and heal the cause of a painful condition. Regenerative medicine can be used to stimulate and accelerate your body's own natural ability to heal itself. Two of the most common forms of regenerative medicine are **stem cell therapy** and **platelet rich plasma therapy (PRP)**.

- ✓ Stem cells commonly come from 2 main areas of the body. Your fat cells and your bone marrow. When we are teenagers, growing and developing, Our stem cells are very active. When we become adults, they are dormant unless there is an injury or an accident that occurs that requires these stem cells to repair breaks, burns, cuts or tears. By harvesting these stem cells from our own bodies we can then inject them in areas like torn cartilage in the knee or bulging discs in the back. The introduction of these cells sparks the natural healing process, which in turn addresses pain.
- ✓ PRP comes directly from your blood. Think about it, you get a cut or a scratch and the body heals it. It is able to do this without us even thinking about it because our blood has tiny cells called platelets that help clean the area and signal the healing process. By drawing your blood and spinning it down, we can concentrate those platelets and other healing factors, inject them into areas of pain and inflammation.
- ✓ A third option in regenerative medicine comes from donated tissues. These tissues are taken from the inner lining of the placenta and kept frozen until time to use them. These tissues are called amniotic tissues and/or *Wharton's jelly*. Use of this tissue could be recommended depending on your overall health and potential risk of using your own tissues from bone marrow or fat.

David Webb, MD

Dr. Webb will talk with you about the best option for your specific problem and guide you towards the right regenerative medicine procedure.



WHAT ARE STEM CELLS?

Stem cells are what our bodies use in order to build and grow new tissue. Think of them as blank slates. These blank slates can become any type of new tissue in your body - bone, muscle, nerve, tendons, heart tissue, and even smooth muscle like the ones inside your organs.



HIGH EFFICACY

OVER
82%
avg success rate*

By harvesting stem cells from your bone marrow, we can give you a concentrated dose of them directly to the area of pain in your body to stimulate healing and possible regrowth of damaged tissues.

Cartilage inside your joints and the discs that are in your spine have a very poor blood supply which alters the healing process because the blood brings the necessary nutrients for healing and signals the repair process.

Introduce some stem cells into the area of damaged cartilage or disc degeneration and you've just given your body everything it needs to start healing on its own.

WHY REGENERATIVE MEDICINE?

Traditional forms of treating pain include steroid injections, medications, physical therapy, and surgery. The problem is medications can have an addictive nature, steroid injections and surgery don't always work.



In fact, there is a high percentage of people who still have pain following a surgery.



Physical therapy is a great option for maximizing our body's potential for healing, but what about when it doesn't work?



More injections? More surgery? Regenerative medicine is an all natural way of creating an environment for your body to heal on its own.



Regenerative medicine is focused on developing and applying new treatments to heal tissues and restore function lost due to aging, disease, damage or defects.

*2018 Annual Meeting of the American Academy of Orthopaedic Surgeons (AAOS)
- reporting from over 65 stem cell centers offering treatment for knee osteoarthritis