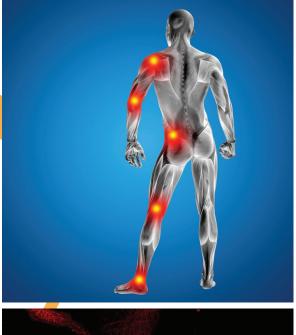
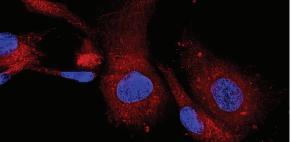
## EMPLOYING THE **POWER** OF BREAKTHROUGH MEDICAL TECHNOLOGY

FACT: Your blood and bone marrow are rich in healing and regenerative properties.

**FACT:** Tapped, concentrated, and injected into injured or diseased joints, tendons, and muscles, these properties can spur impressive healing results.

FACT: Top-quality, FDA-approved technology, evidence-based concentration levels, and experienced hands are key to the most successful outcomes.







A DIVISION OF PINNACLE PAIN MEDICINE AND U.S. ANESTHESIA PARTNERS Reintroducing the resources within your own body that can achieve accelerated and safer pain relief and healing is now possible for an ever-expanding list of painful, life-impacting medical conditions, such as back and joint pain caused by injuries and osteoarthritis.

Staying at the forefront of medical advancements is the hallmark of Optimal Pain & Regenerative Medicine, a collaborative practice of three forward-thinking physicians who are double board certified in Anesthesiology and Pain Medicine.

"Nonsurgical, non-steroidal treatments using Platelet-Rich Plasma [PRP], Bone Marrow Aspirate Concentrate [BMAC] stem cells, and BioDRestore<sup>™</sup> stem cells mean better options for patients. We are dedicated to providing these at the highest levels of quality and affordability," says Michael Scott Phillips, MD, on behalf of his colleagues Scott Berlin, MD, and Andrew Cottingham, MD.

## PRP? BMAC? BioD? -

**PRP:** Your own blood components are used to help heal damaged tissue, such as tendons or cartilage. Blood is drawn and separated by a centrifuge to create a concentrate containing growth factors and bioactive proteins that is then injected into damaged areas to induce and accelerate repair.

**BMAC:** Stem-cell regenerative therapy uses bone marrow withdrawn from your pelvic bone and concentrated to enhance the growth and healing factors of "pluripotent" stem cells. BMAC helps regenerate joint cartilage and spinal discs and can significantly speed healing for other injuries.

**BioD:** To age 60, you can generally achieve tissue regeneration through BMAC. As the body ages, its ability to regenerate tissue from autologous (its own) stem cells declines. After age 60, BMAC typically fails because there are not enough stem cells in the bone marrow. These patients often achieve better results using a combination of PRP and allograft (someone else's) tissues. BioDRestore is a cryopreserved allograft derived from stringently screened, voluntary donations of human placental tissues, obtained after live childbirth.

## Only the Best

"Patients considering PRP and BMAC therapies need to know that doctors who administer these treatments buy kits to concentrate and prepare the blood or bone marrow," cautions Dr. Phillips. "Only a small number of kits have FDA approval, meaning some physicians are using less expensive kits that are not FDA approved or that provide significantly less concentrations of cells.

"The PRP kits used at Optimal Pain & Regenerative Medicine are FDA approved and produce concentrate at least seven to nine times stronger than the original platelets. Our BMAC kits are approved by the FDA and consistently produce higher counts of nucleated stem cells in head-to-head studies. Those numbers and the experience of the provider are critical to the outcome."

ALLIANCE • ARLINGTON • BURLESON • CLEBURNE • FORT WORTH To see if you are a candidate, call 817-472-2140. OptimalDFW.com