

THE TEXAS BACK INSTITUTE DIFFERENCE

photos by PHILLIP SLAUGHTER



The spine plays an integral role in health, physical ability and quality of life, and when it's compromised, whether from a deformity, degeneration, or tumor, the effects can be painful and debilitating. Finding the best care for such a vital part of the body is of utmost importance, and at Texas Back Institute they specialize in total spine care. From education and patient counseling to minimally invasive surgeries and physical therapy- Texas Back Institute has been the leader in spine care, research, and patient care for over 40 years. As one of the largest multidisciplinary spine centers in the world, they participate and spearhead numerous FDA clinical trials, continue to develop world-class physicians through their fellowship program, and utilize the latest medical breakthroughs and newest technological advancements available.

The Texas Back Institute Team

Since founding Texas Back Institute in 1977, doctors Stephen Hochschuler, M.D., Ralph Rashbaum, M.D. and Richard Guyer, M.D. have employed a expert team of physicians, surgeons, and a compassionate and knowledgeable staff. The medical team is comprised



of board-certified orthopedic spine surgeons, internists, pain specialists, physical therapists, and medical physicians who all work together to provide the best care for every patient. Texas Back Institute offers non-surgical options including physical therapy, nerve blocks, medications, injections or a chronic pain management program may be implemented. Failing that, skilled surgeons can perform the right surgery for each patient to correct the issue.

Research and Education

Texas Back Institute is committed to providing superior care through advanced and cutting edge science. Texas Back Institute Clinical Research, LLC is an organization dedicated

solely to advancing new spinal technologies and techniques at Texas Back Institute. Since the organization's formation in 2004, experienced clinical research coordinators have been supervising clinical research trials, performing research studies, and developing education programs.

The Texas Back Institute Research Foundation (TBIRF) was founded in 1985, and continues to fulfill the mission of improving care for patients with back pain through research and education, and is primarily focused on researching diagnostic evaluations and treatment outcomes of discography, total disc replacement, and minimally invasive surgical procedures. Thanks to the most advanced diagnostic testing available, physicians at Texas Back

Institute are better able to identify potential causes of back pain and neck pain, greatly reducing the need for surgery.

The Spine Biomechanics Laboratory at Texas Back Institute investigates the biomechanical and neuromuscular risk factors associated with spinal ailments. These findings assist in the effort to determine the most appropriate and effective treatment options. The lab is critical in bridging the basic science of biomechanics and engineering, with the clinical science of treating patients suffering from spinal ailments. The clinicians and scientists involved with the lab are uncompromising in making every effort to further the science and translate that knowledge into clinical advances which will benefit the patients they serve.

Technology

Through close collaborative work with multiple device manufacturers and findings through thorough in-house research, Texas Back Institute is dedicated to providing the most technologically advanced and effective treatments to patients. They offer state-of-the-art artificial discs, minimally invasive spinal fusion technology, the newest in surgical robotics, and breakthrough interlaminar stabilization procedures.

Texas Back Institute surgeons often use robotics, intraoperative CT imaging systems, and computer-assisted navigation that help them plan surgery before the patient is in the operating room. Through these surgical advancements, the surgeons are able to perform minimally invasive surgery that produces the best outcomes for patients with faster recovery times, a reduced risk of complications, and a quick return to work and hobbies. They have published and presented hundreds of studies about evidence-based spine treatments, and their surgeons have practiced minimally invasive cervical and lumbar spine surgery since the 1990s, imparting an uncanny ability to assess the best surgical techniques to determine what works best for each individual patient.

Concierge Centers and Clinics

What sets Texas Back Institute further apart from other providers is the

Institute has also partnered with Texas Health Presbyterian Hospital Plano to found a Scoliosis & Spine Tumor Center to focus on providing the most advanced, medically appropriate, and the least invasive treatment paired with support and coping strategies for adolescents and adults suffering from spinal deformities and tumors. Texas Back also has surgeons specializing in Failed Back Syndrome and Spine Trauma. Texas Back Institute currently has 10 locations (Arlington, Dallas, Denton, Flower Mound, Frisco, Mansfield, McKinney, Plano, Rockwall, and Wichita Falls), allowing easy access for most Texas patients.

Non-Surgical Solutions

The doctors and specialists at Texas Back Institute take a conservative and holistic approach and view surgery as a last resort. Due to a highly skilled team, only 10% of patients go on to surgical options. Chronic and acute



specialized concierge centers and clinics. As a global leader in artificial disc replacement (they performed the first the first in the country in 2000, and have since performed over 2,000 procedures), Texas Back Institute has opened a dedicated establishment for the surgeries. Center for Disc Replacement is directed by world-renowned spine surgeons, and performs the life changing artificial disk replacement procedure on patients from around the globe. Texas Back

pain management, physical therapy and home exercises, injections, and medication are typically employed before surgery is considered. If the non-surgical treatments fail to provide adequate relief, patients can be rest assured that they will receive the best, most advanced and minimally invasive care.

For more information on Texas Back Institute, please visit TexasBack.com or call 972-608-5100.