



Baylor Health Care System Mission

Founded as a Christian ministry of healing, Baylor Health Care System exists to serve all people through exemplary health care, education, research and community service.

Orthopaedic Services

- General orthopaedics
- Foot and ankle
- Hand and wrist
- Hip
- Knee
- Limb lengthening
- Oncology
- Orthopaedic trauma/limb salvage
- Pediatric services
- Shoulder and upper extremity
- Spine (neck and back)
- Sports medicine
- Total joint replacement

Department of Orthopaedics

The Baylor University Medical Center at Dallas Department of Orthopaedics has been at the forefront of orthopaedic care since the first orthopaedic surgeon in Dallas began his practice at Baylor in the early 1900s. Today, patients benefit from the quality care that comes from the team of orthopaedic specialists on the medical staff at Baylor working together to diagnose and treat patients.

The Department of Orthopaedics performs nearly 9,000 orthopaedic surgeries annually, including almost 3,000 total joint replacements, giving the specialists on the medical staff at Baylor the extensive experience and expertise necessary to achieve success in even the most difficult cases. The department also has been named as one of the top 50 orthopaedic departments in the nation by *U.S. News & World Report's* "America's Best Hospitals Guide."

BAYLOR MINIMALLY INVASIVE ORTHOPAEDIC CENTER

Many orthopaedic procedures can now be performed using minimally invasive techniques that usually require shorter hospital stays, easier recovery and faster rehabilitation. Minimally invasive surgeries include small incision procedures of the knee, hip and back and arthroscopy of all joints - shoulder, elbow, wrist, hip, knee and ankle. With minimally invasive surgery, rather than opening up the skin and surrounding tissue to view the surgical site directly, doctors insert tiny video cameras via small incisions. Using special instruments, they observe their scalpels on a monitor and perform the surgery with less disruption to the tissue surrounding the surgical site.

TOTAL JOINT PROGRAM

The Total Joint Program at Baylor Dallas focuses on advanced techniques in both surgery and postoperative care. Utilizing new technology in metals and plastics allow surgeons on the medical staff at Baylor to offer joint replacements that can last several years longer than earlier versions. In post-operative care, surgeons utilize comfort management protocols that usually allow patients a quicker recovery time with minimal pain.

Joint replacements available through the Total Joint Program include total hip replacement, total and partial knee replacement, total ankle replacement, and total and partial shoulder replacement.

The Department of Orthopaedics recently incorporated a Joint Wellness Program for patients undergoing hip and knee replacements. The comprehensive program is designed to better educate and support patients throughout their stay to help make the transition from hospital to home as smooth as possible. An atmosphere of "wellness" is a feature of the program. Patients are encouraged to wear their own clothes instead of hospital gowns and they exercise together in a designated group therapy area. This group approach is very helpful because it makes recuperation fun as patients encourage and support each other during their hospital stay. Patients also attend pre-operative training classes together where they receive information on what to expect before, during and after their joint replacement surgery.

ORTHOPAEDIC TRAUMA PROGRAM

The expanded Orthopaedic Trauma Program at Baylor Dallas offers accessible and comprehensive treatment for patients with severe musculoskeletal injuries and complex orthopaedic conditions. Three full-time, fellowship trained orthopaedic trauma surgeons on the medical staff at Baylor Dallas—one of two Level 1 adult trauma centers in the North Texas area—offer specialized treatment for severe and limb-threatening injuries, complex pelvic and acetabular fractures, multiple injuries, open and closed fractures and dislocations of the extremities, complex articular fractures, limb salvage, and non-union and mal-union of bones.

FOR MORE INFORMATION, CONTACT:

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BAYLOR SPINE CENTER

The Baylor Spine Center provides a comprehensive program for people with neck and back pain. The center treats back pain with a multidisciplinary approach by combining the efforts of orthopaedic surgeons, neurosurgeons, rehabilitation specialists, pain management specialists, physical and occupational therapists, psychologists and nurse case managers. Physicians perform a thorough assessment to diagnose the problem and then prescribe a treatment plan customized to meet the needs of the patient. Usually, the best solution is non-surgical, including manual therapy, rehabilitative therapies such as aquatics and traction, minimally invasive techniques and/or referral to a pain management program. When surgery is the best option, Baylor offers highly trained, skilled surgeons on its medical staff to oversee the procedure. Educational programs also are part of treatment to help patients maintain a more active lifestyle, minimize the chance of recurrent episodes and prevent future problems.

BAYLOR MOTION & SPORTS PERFORMANCE CENTER

The Baylor Motion & Sports Performance Center uses innovative and highly technical tools to study human movement and determine better ways to perform surgery, recovery and therapy techniques as well as help athletes perfect their sport. By utilizing the Vicon MX motion capture system, which allows motion to be captured with superior accuracy, speed and reliability, precise measurements and evaluation of human motion are captured by accurately measuring segment positions, joint rotations, joint forces and subsequent muscular activity. These measurements allow physicians to more closely diagnose pain associated with orthopaedic conditions.

Patients with conditions such as sports injuries, cerebral palsy, arthritis, ligament injuries, knee and hip replacements, foot and ankle injuries, stroke and other disorders are seen in the laboratory so experts can study their movements for motion analysis. The laboratory also is used for research studies on a variety of musculoskeletal disorders and neurological disorders.