

Orthopaedic Surgery & Sports Medicine Services

Arthroscopic Surgery
Torn Meniscus (Knee Cartilage)
Rotator Cuff Problems
ACL Reconstruction
Fractures (Broken Bones)
Arthritis
Total Knee & Hip Replacement
Hip Pain
Advanced Cartilage Restoration
Carpal Tunnel
Hand Surgery
Physical Therapy
Low Back & Neck Pain
Ankle Sprains
Foot & Ankle Surgery
Children and Adults

A comprehensive approach with onsite
X-ray and Physical Therapy.

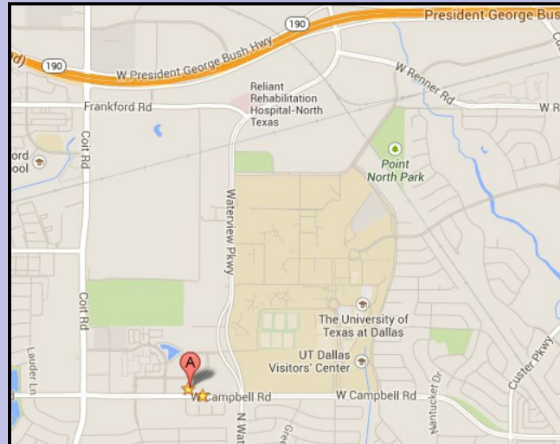
Same Day MRI

Double Board-Certified

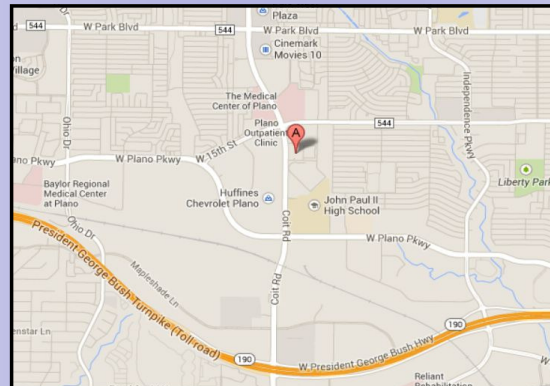
Same Day Appointments Available

All Major Insurances Accepted

Private Pay Welcome



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Richardson, Texas 75080



Plano Office
1212 Coit Road, Suite #105
Plano, Texas 75075



Comprehensive Orthopaedics
& Rehabilitation

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Comprehensive Orthopaedics
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Restoring Active Lifestyles



Sacheen H. Mehta, MD

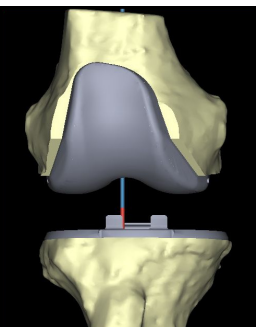
Double Board-Certified in
Orthopaedic Surgery & Sports Medicine

Helping people for over 10 years.

Phone: (214) 575-2663

The Cutting-Edge of Knee Replacement

In August of 2007, while pursuing better techniques for his patients, Dr. Mehta was among a few select surgeons in the U.S. to begin performing a minimally-invasive, state-of-the-art, Custom-Fit knee replacement procedure right here in North Texas. Dr. Mehta's results were far superior to older methods and many of his patients enjoyed the quicker and less painful recovery as a result.

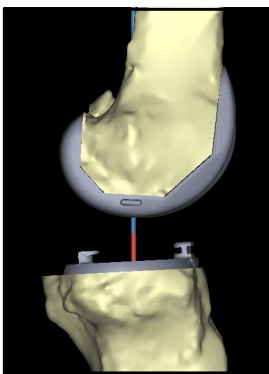


As part of the new technique, data from a specialized MRI scan is fed into a computer which creates a 3-D virtual model of the patient's knee. This computer model is then used to simulate the surgery. Custom-made plastic templates or "cutting guides" are then made according to the specific anatomy of each individual patient's knee.

These templates are used by Dr. Mehta to precisely recreate the computer simulation in the real patient's knee at the time of surgery.

This MRI guided technique of knee replacement allows Dr. Mehta to remove less bone, cut less muscle, retain important ligaments, restore a more natural anatomy, and cut the procedure time in half to reduce infection risk, blood clot risk, and anesthesia risks. As a result Dr. Mehta's patients recover faster, with less pain, and less blood loss. In addition, patients benefit from shorter incisions, and reduced hospital stays.

Baylor Regional Medical Center at Plano and Richardson Regional Medical Center, where the surgeries are performed, both issued press releases.



Dr. Mehta's technique is also featured in a CBS 11 TV news story and MD News magazine ran a feature article on the advancement which has helped educate DFW area physicians. To date Dr. Mehta is the most experienced Custom-Fit knee replacement surgeon in the DFW area.

Since pioneering this advancement, Dr. Mehta has continued to gain experience and refine the technique to improve patient experiences with knee replacement surgery.



Custom Cutting Guides
Made from the Patient's MRI Scan

In 2009 yet another major advancement helped to further refine the technique. Specifically MRI images of the hip and ankle are included in the specialized knee MRI scan to incorporate the alignment of the entire leg into the computer simulation.

Dr. Mehta is currently on the forefront of this enhanced technique which continues to benefit many people in need of rapid, accurate restoration of their ability to walk comfortably.



Additional improvements to Dr. Mehta's knee replacement experience include:

- Advanced pain management techniques utilizing multiple pain relieving modalities to significantly improve patient comfort after surgery, which greatly facilitates rehabilitation
- Aggressive rehabilitation beginning immediately after surgery. Most patients are able to walk the same day of the surgery.
- Improved infection prevention techniques
- Improved blood clot prevention techniques
- Blood loss reduction and lower rates of blood transfusion



Custom-Fit
Knee Replacement

Call Dr. Mehta's office for a consultation appointment to see if this minimally-invasive, custom-fit, MRI-guided knee replacement technique can help you rapidly return to your active life.

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