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First Dallas Robotic-Assisted Total Knee Replacement Surgery Using MAKOplasty®
Technology Performed at Medical City Dallas

“Fifty-two million adults are currently affected by arthritis, making it the leading cause of disability in the United States,” said Charles Rutherford, MD, Medical Director, Medical City Joint Restoration Institute and Orthopedic Robotic Program. “The Center for Disease Control estimates that by 2040, 78 million, or 25% of the U.S. adult population, will be affected.”

The MAKO robot offers greater accuracy for surgeons and a more customized approach for minimally invasive total knee replacement surgeries. This technology increases the longevity of knee replacement implants through patented technology that provides wear and oxidation resistance and mechanical strength. Patient outcomes can also result in more natural knee motion and increased stability after surgery.

The Joint Restoration Institute at Medical City Dallas provides innovative, customized treatment using minimally invasive techniques and state-of-the-art technology such as computer-assisted navigation, robotically-assisted total hip replacement, total knee replacement and partial knee resurfacing. Its comprehensive approach to joint care results in faster recovery times and shorter hospital stays. Patients benefit from collaborative teamwork with families, physicians, therapists, nurses, case managers, social workers and volunteers, and most leave the hospital the day after surgery. The dedicated 12-bed Joint Restoration Unit features state-of-the-art private rooms, a group therapy gym and amenities for families and friends.

About Medical City Dallas

Founded in 1974, Medical City Dallas Hospital is an award-winning, 796-bed hospital recognized for its state-of-the-art medical facilities and commitment to excellence in patient care. Located in Dallas, Texas, the medical team consists of more than 1,200 physicians, many of whom are world experts in their fields. Medical City offers nearly 100 specialties, including world-class programs for heart and vascular, brain and spine, women’s services, orthopedics, transplant (heart, kidney and pancreas),
cancer, bariatrics and robotic surgery. Medical City has been recognized by The Joint Commission in 2015 as a Top Performer on key quality measures and was named a top 10 Best Hospital in Texas by *U.S. News and World Report* in 2015. Medical City Dallas Hospital is part of [HCA North Texas](https://www.hcanorthwest.com).

Medical City Dallas is part of [Medical City Healthcare](https://www.medicalcity.com).

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