

Navigated Total Knee Arthroplasty Utilizing a Novel Medial Pivot Design

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This video describes the case presentation of a 69-year-old woman with chronic right knee pain in the setting of osteoarthritis in whom nonsurgical treatment failed. Right total knee arthroplasty was indicated. Surgical management involved the use of surgical navigation and a medial pivot total knee arthroplasty implant. At 3 months postoperatively, the patient was doing well, with improved pain and knee range of motion. The studies reviewed in this video describe the kinematics of medially stabilized total knee arthroplasty implant designs and their role in mimicking native knee kinematics.