

Computer Assisted Partial Knee Replacement

Knee Surgery: Virtual reality is aiding orthopaedic surgeons at Thomas Jefferson University Hospital in replacing arthritis-stricken single compartments of a knee without the patient having to endure a long surgery and recovery involved with a total knee replacement.

Computer-assisted, partial knee replacement makes it easier for orthopaedic surgeons to replace diseased sections of the knee without performing a total knee replacement, said Peter F. Sharkey, M.D., associate professor of Orthopaedic Surgery, Jefferson Medical College of Thomas Jefferson University.

The post-surgical recovery time for computer assisted partial knee replacement is about half the time of recovery for a total knee replacement--three weeks, instead of the normal six weeks. Thomas Jefferson University Hospital will host a live webcast of the computer-assisted, partial knee replacement on Wednesday, May 4th, at 4:30 p.m. (21:30 UTC)

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