

# Knee Replacement Surgery

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## Care Pattern

### CP-I

#### **9000001 Adults(s) that had a knee xray prior to knee replacement surgery.**

Knee replacement surgery may be necessary in the management of certain knee conditions. For patients with persistent knee pain or for whom conservative treatment has been ineffective, knee x-rays are recommended (1).

This measure identifies patients 18 years and older that had knee replacement surgery during the last 365 days of the report period. Based on the consensus opinion of experts, a member was identified as adherent to this measure if there was with a knee x-ray at least 18 months before knee replacement surgery.

1. *American Academy of Orthopaedic Surgeons. AAOS Clinical Guideline on Osteoarthritis of the Knee (Phase II) Support Document [online] [cited January 26, 2007]. URL: [http://www.aaos.org/Research/guidelines/suprt\\_oakn2.pdf](http://www.aaos.org/Research/guidelines/suprt_oakn2.pdf)*

### CP-C

#### **9000002 Adults(s) that had a knee MRI prior to knee replacement surgery.**

Knee replacement surgery may be necessary in the management of certain knee conditions. For patients with persistent knee pain or for whom conservative treatment has been ineffective, knee x-rays are recommended (1). Typically, a knee magnetic resonance imaging (MRI) test is not necessary.

This measure identifies patients 18 years and older that had knee replacement surgery during the last 365 days of the report period. Based on the consensus opinion of experts, a member was identified as non-adherent to this measure if there was a knee MRI test 365 days before knee replacement surgery. Based on the consensus opinion of experts, patients were excluded from this measure if there was evidence of one of the following criteria 365 days before knee replacement surgery: knee arthroscopy, avascular (aseptic) necrosis of the knee, major traumatic injury, or transport. These exclusion criteria could represent indications for a knee MRI test (1).

1. *American Academy of Orthopaedic Surgeons. AAOS Clinical Guideline on Osteoarthritis of the Knee (Phase II) Support Document [online] [cited January 26, 2007]. URL: [http://www.aaos.org/Research/guidelines/suprt\\_oakn2.pdf](http://www.aaos.org/Research/guidelines/suprt_oakn2.pdf)*