



Complete Summary

TITLE

Diagnosis and treatment of adult degenerative joint disease (DJD) of the knee: percentage of patients with DJD with documented education in four comprehensive areas: protecting the joint, exercise, pain relief, healthy living habits.

SOURCE(S)

Institute for Clinical Systems Improvement (ICSI). Diagnosis and treatment of adult degenerative joint disease (DJD) of the knee. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2003 Nov. 43 p. [40 references]

Brief Abstract

DESCRIPTION

This measure assesses the percentage of patients with degenerative joint disease (DJD) with documented education in four comprehensive areas: protecting the joint, exercise, pain relief, healthy living habits.

RATIONALE

The priority aim addressed by this measure is to increase patient education for patients with degenerative joint disease (DJD).

PRIMARY CLINICAL COMPONENT

Degenerative joint disease; patient education (protecting the joint, exercise, pain relief, healthy living habits)

DENOMINATOR DESCRIPTION

Total number of patients with degenerative joint disease (DJD) whose medical records are reviewed*

*Patients with a diagnosis code of 715.96, 715.16, 715.26, 715.36 who have not been seen in clinic with the same diagnosis code within the previous 6 months

NUMERATOR DESCRIPTION

Number of records with documentation* of patient education about degenerative joint disease (DJD)

*Documented is defined as any evidence in the medical record that patient education materials were provided related to caring for DJD as recommended in the guideline (refer to the National Guideline Clearinghouse [NGC] summary of the Institute for Clinical Systems Improvement [ICSI] guideline [Diagnosis and Treatment of Adult Degenerative Joint Disease \[DJD\] of the Knee](#)).

Evidence Supporting the Measure

PRIMARY MEASURE DOMAIN

Process

SECONDARY MEASURE DOMAIN

Not applicable

EVIDENCE SUPPORTING THE MEASURE

A clinical practice guideline or other peer-reviewed synthesis of the clinical evidence

NATIONAL GUIDELINE CLEARINGHOUSE LINK

- [Diagnosis and treatment of adult degenerative joint disease \(DJD\) of the knee.](#)

Evidence Supporting Need for the Measure

NEED FOR THE MEASURE

Unspecified

State of Use of the Measure

STATE OF USE

Current routine use

CURRENT USE

Internal quality improvement

Application of Measure in its Current Use

CARE SETTING

Physician Group Practices/Clinics

PROFESSIONALS RESPONSIBLE FOR HEALTH CARE

Physicians

LOWEST LEVEL OF HEALTH CARE DELIVERY ADDRESSED

Group Clinical Practices

TARGET POPULATION AGE

Age greater than or equal to 18 years

TARGET POPULATION GENDER

Either male or female

STRATIFICATION BY VULNERABLE POPULATIONS

Unspecified

Characteristics of the Primary Clinical Component

INCIDENCE/PREVALENCE

The American College of Rheumatology reports that more than 21 million Americans are affected by osteoarthritis (OA). It is the most common type of arthritis, which is the leading cause of disability in the United States. The Centers for Disease Control and Prevention (CDC) estimates that by the year 2020, sixty million Americans, or almost 20% of the population, will be affected by some form of arthritis, and nearly 12 million will experience activity limitation.

EVIDENCE FOR INCIDENCE/PREVALENCE

Institute for Clinical Systems Improvement (ICSI). Diagnosis and treatment of adult degenerative joint disease (DJD) of the knee. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2003 Nov. 43 p. [40 references]

ASSOCIATION WITH VULNERABLE POPULATIONS

Unspecified

BURDEN OF ILLNESS

Unspecified

UTILIZATION

Unspecified

COSTS

Total costs associated with arthritis are estimated by the Centers for Disease Control and Prevention (CDC) to be almost \$65 billion annually.

EVIDENCE FOR COSTS

Institute for Clinical Systems Improvement (ICSI). Diagnosis and treatment of adult degenerative joint disease (DJD) of the knee. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2003 Nov. 43 p. [40 references]

Institute of Medicine National Healthcare Quality Report Categories

IOM CARE NEED

Living with Illness

IOM DOMAIN

Effectiveness
Patient-centeredness

Data Collection for the Measure

CASE FINDING

Users of care only

DESCRIPTION OF CASE FINDING

Patients 18 years of age and older diagnosed with degenerative joint disease (DJD)

Data may be collected electronically using the claims/encounter database or the enrollment database. Medical groups should identify patients with DJD seen at the clinic. Each medical group can then generate a list of all eligible patients with DJD seen during the target month/quarter. The eligible patients are those who are 18 years old and older who have been continuously enrolled in the clinic for the past 6 months. A random sample of 20 charts can be chosen from this list. The patient medical records will be reviewed for any evidence that a clinician provided patient education.

A minimum of 20 charts per month can be reviewed.

DENOMINATOR SAMPLING FRAME

Patients associated with provider

DENOMINATOR (INDEX) EVENT

Clinical Condition

DENOMINATOR INCLUSIONS/EXCLUSIONS

Inclusions

Total number of patients with degenerative joint disease (DJD) whose medical records are reviewed*

*Patients with a diagnosis code of 715.96, 715.16, 715.26, 715.36 who have not been seen in clinic with the same diagnosis code within the previous 6 months

Exclusions

Unspecified

NUMERATOR INCLUSIONS/EXCLUSIONS

Inclusions

Number of records with documentation* of patient education about degenerative joint disease (DJD)

*Documented is defined as any evidence in the medical record that patient education materials were provided related to caring for DJD as recommended in the guideline (refer to the National Guideline Clearinghouse [NGC] summary of the Institute for Clinical Systems Improvement [ICSI] guideline [Diagnosis and Treatment of Adult Degenerative Joint Disease \[DJD\] of the Knee](#)).

Exclusions

Unspecified

DENOMINATOR TIME WINDOW

Time window precedes index event

NUMERATOR TIME WINDOW

Fixed time period

DATA SOURCE

Administrative data

Medical record

LEVEL OF DETERMINATION OF QUALITY

Individual Case

PRE-EXISTING INSTRUMENT USED

Unspecified

Computation of the Measure

SCORING

Rate

INTERPRETATION OF SCORE

Better quality is associated with a higher score

ALLOWANCE FOR PATIENT FACTORS

Unspecified

STANDARD OF COMPARISON

Internal time comparison

Evaluation of Measure Properties

EXTENT OF MEASURE TESTING

Unspecified

Identifying Information

ORIGINAL TITLE

Percentage of patients with DJD with documented education in four comprehensive areas: protecting the joint, exercise, pain relief, healthy living habits.

MEASURE COLLECTION

[Diagnosis and Treatment of Adult Degenerative Joint Disease \(DJD\) of the Knee Measures](#)

DEVELOPER

Institute for Clinical Systems Improvement

ADAPTATION

Measure was not adapted from another source.

RELEASE DATE

2003 Nov

MEASURE STATUS

This is the current release of the measure.

SOURCE(S)

Institute for Clinical Systems Improvement (ICSI). Diagnosis and treatment of adult degenerative joint disease (DJD) of the knee. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2003 Nov. 43 p. [40 references]

MEASURE AVAILABILITY

The individual measure, "Percentage of patients with DJD with documented education in four comprehensive areas: protecting the joint, exercise, pain relief, healthy living habits," is published in "Health Care Guideline: Diagnosis and Treatment of Adult Degenerative Joint Disease (DJD) of the Knee." This document is available from the [Institute for Clinical Systems Improvement \(ICSI\) Web site](#).

For more information, contact ICSI at, 8009 34th Avenue South, Suite 1200, Bloomington, MN 55425; phone: 952-814-7060; fax: 952-858-9675; Web site: www.icsi.org; e-mail: icsi.info@icsi.org.

NQMC STATUS

This NQMC summary was completed by ECRI on July 19, 2004.

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