Agency for Healthcare Research and Quality
Advancing Excellence in Health Care

NATIONAL QUALITY MEASURES CLEARINGHOUSE

General

Title

Preventive services for adults: percentage of female patients ages 50 to 74 years who have screening for breast cancer every two years.

Source(s)

Institute for Clinical Systems Improvement (ICSI). Quality improvement support: preventive services for adults. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2014 Sep. 21 p.

Measure Domain

Primary Measure Domain

Clinical Quality Measures: Process

Secondary Measure Domain

Does not apply to this measure

Brief Abstract

Description

This measure is used to assess the percentage of female patients ages 50 to 74 years who have screening for breast cancer every two years.

Rationale

The priority aim addressed by this measure is to increase the rate of patients up-to-date with Level I preventive services.

Level I Services: Preventive services for which clinicians and health systems *must* assess the need. These services *must* be recommended to each patient, as they have the highest value and are worthy of attention at every opportunity.

The U.S. Preventive Services Task Force (USPSTF) recommendations are fully endorsed by the Institute for Clinical Systems Improvement (ICSI) Preventive Services work group:

"Biennial screening mammography for women ages 50 to 74 years."
"The decision to start regular, biennial screening mammography before the age of 50 years should be an individual one and take patient context into account, including the patient's values regarding specific benefits and harms."
"That the current evidence is insufficient to assess the additional benefits and harms of screening mammography in women age 75 years or older."
"Against teaching breast self-examination (BSE)."
"That the current evidence is insufficient to assess the additional benefits and harms of clinical breast examination (CBE) beyond screening mammography in women age 40 years or older."
"That the current evidence is insufficient to assess the additional benefits and harms of either digital mammography or magnetic resonance imaging (MRI) instead of film mammography as screening modalities for breast cancer."

(USPSTF, 2009)

Evidence for Rationale

Institute for Clinical Systems Improvement (ICSI). Preventive services for adults. Recommendation table. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 36 p.

Institute for Clinical Systems Improvement (ICSI). Quality improvement support: preventive services for adults. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2014 Sep. 21 p.

U.S. Preventive Services Task Force (USPSTF). Recommendation summary: breast cancer: screening. [internet]. Rockville (MD): U.S. Preventive Services Task Force (USPSTF); 2009 Nov [accessed 2015 Feb 11].

Primary Health Components

Breast cancer; screening mammography

Denominator Description

Number of female patients ages 50 to 74 years (see the related "Denominator Inclusions/Exclusions" field)

Numerator Description

Number of female patients ages 50 to 74 years who were screened for breast cancer every two years

Evidence Supporting the Measure

Type of Evidence Supporting the Criterion of Quality for the Measure

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

Additional Information Supporting Need for the Measure

Unspecified

Extent of Measure Testing

Unspecified

State of Use of the Measure

State of Use

Current routine use

Current Use

not defined yet

Application of the Measure in its Current Use

Measurement Setting

Ambulatory/Office-based Care

Professionals Involved in Delivery of Health Services

not defined yet

Least Aggregated Level of Services Delivery Addressed

Clinical Practice or Public Health Sites

Statement of Acceptable Minimum Sample Size

Specified

Target Population Age

Age 50 to 74 years

Target Population Gender

Female (only)

National Strategy for Quality Improvement in Health Care

National Quality Strategy Aim

Better Care

National Quality Strategy Priority

Health and Well-being of Communities
Prevention and Treatment of Leading Causes of Mortality

Institute of Medicine (IOM) National Health Care Quality Report Categories

IOM Care Need

Staying Healthy

IOM Domain

Effectiveness

Data Collection for the Measure

Case Finding Period

The time frame pertaining to data collection is annually.

Denominator Sampling Frame

Patients associated with provider

Denominator (Index) Event or Characteristic

Encounter

Patient/Individual (Consumer) Characteristic

Denominator Time Window

not defined yet

Denominator Inclusions/Exclusions

Inclusions
Number of female patients ages 50 to 74 years

Data Collection: From electronic medical records (EMR), review medical records for patients who fit the denominator criteria with an office visit with primary care provider within the last 12 months.

Exclusions
Unspecified

Exclusions/Exceptions

not defined yet

Numerator Inclusions/Exclusions

Inclusions
Number of female patients ages 50 to 74 years who were screened for breast cancer every two years

Exclusions
Unspecified

Numerator Search Strategy

Fixed time period or point in time

Data Source

Electronic health/medical record

Type of Health State

Does not apply to this measure

Instruments Used and/or Associated with the Measure

Unspecified

Computation of the Measure

Measure Specifies Disaggregation

Does not apply to this measure

Scoring

Rate/Proportion

Interpretation of Score

Desired value is a higher score

Allowance for Patient or Population Factors

not defined yet

Standard of Comparison

not defined yet

Identifying Information

Original Title

Percentage of female patients ages 50-74 years who have screening for breast cancer every two years.

Measure Collection Name

Preventive Services for Adults

Submitter

Institute for Clinical Systems Improvement - Nonprofit Organization

Developer

Institute for Clinical Systems Improvement - Nonprofit Organization

Funding Source(s)

The Institute for Clinical Systems Improvement's (ICSI's) work is funded by the annual dues of the member medical groups and five sponsoring health plans in Minnesota and Wisconsin.

Composition of the Group that Developed the Measure

Work Group Members: John Wilkinson, MD (*Work Group Leader*); Charles Bass, MD; Darin Brink, MD; Susan Diem, MD, MPH; Andrea Gravley, RN, MAN, CPNP; Lisa Harvey, RD, MPH; Michael Maciosek, PhD; Leslie C. Milteer, PA-C; Peter Rothe, MD, FACP; Leif Solberg, MD

Financial Disclosures/Other Potential Conflicts of Interest

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In 2010, the ICSI Conflict of Interest Review Committee was established by the Board of Directors to review all disclosures and make recommendations to the board when steps should be taken to mitigate potential conflicts of interest, including recommendations regarding removal of work group members. This committee has adopted the Institute of Medicine Conflict of Interest standards as outlined in the report Clinical Practice Guidelines We Can Trust (2011).

Where there are work group members with identified potential conflicts, these are disclosed and discussed at the initial work group meeting. These members are expected to recuse themselves from related discussions or authorship of related recommendations, as directed by the Conflict of Interest committee or requested by the work group.

The complete ICSI policy regarding Conflicts of Interest is available at the ICSI Web site .

Disclosure of Potential Conflicts of Interest

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National, Regional, Local Committee Affiliations: None
Guideline-Related Activities: None
Research Grants: None
Financial/Non-Financial Conflicts of Interest: None

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Guideline-Related Activities: None
Research Grants: None
Financial/Non-Financial Conflicts of Interest: None

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Research Grants: Received grant money to her institution from the National Institute on Aging for testosterone replacement in older men.
Financial/Non-Financial Conflicts of Interest: None

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Pediatric Nurse Practitioner, Pediatrics, South Lake Pediatrics
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Research Grants: None
Financial/Non-Financial Conflicts of Interest: None

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Director, Health Education, Park Nicollet Health Services
National, Regional, Local Committee Affiliations: None
Guideline-Related Activities: None
Research Grants: Receives grant money to institution from the Mayo Clinic related to decision support.
Financial/Non-Financial Conflicts of Interest: None

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Research Investigator, HealthPartners Research Foundation, HealthPartners Health Plan
National, Regional, Local Committee Affiliations: None
Guideline-Related Activities: None
Research Grants: Receives grant money to his institution from Robert Wood Johnson Foundation, Centers for Disease Control and Prevention and National Institute for Health for preventive services, disease management and cancer treatment.
Financial/Non-Financial Conflicts of Interest: None

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Research Grants: None
Financial/Non-Financial Conflicts of Interest: None

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Guideline-Related Activities: None
Research Grants: None
Financial/Non-Financial Conflicts of Interest: None

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Director Care Improvement Research, Family Medicine, HealthPartners Research Foundation
National, Regional, Local Committee Affiliations: Board member for HealthPartners Research Foundation.
Guideline-Related Activities: None
Research Grants: Receives grant monies paid to institution from Patient-Centered Outcomes Research Institute (PCORI) for high-tech imaging, Centers for Medicare and Medicaid Services (CMS) for COMPASS (Care of Mental and Physical and Substance Use Syndromes), Agency for Healthcare Research and Quality (AHRQ) for medical homes
Financial/Non-Financial Conflicts of Interest: None

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National, Regional, Local Committee Affiliations: None
Guideline-Related Activities: None
Research Grants: None
Financial/Non-Financial Conflicts of Interest: None

Adaptation

This measure was not adapted from another source.

Date of Most Current Version in NQMC

2014 Sep

Measure Maintenance

Unspecified

Date of Next Anticipated Revision

Unspecified

Measure Status

This is the current release of the measure.

This measure updates a previous version: Wilkinson J, Bass C, Diem S, Gravley A, Harvey L, Maciosek M, McKeon K, Milteer L, Owens J, Rothe P, Snellman L, Solberg L, Vincent P. Preventive services for adults. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2013 Sep. 107 p.

The measure developer reaffirmed the currency of this measure in January 2017.

Measure Availability

Source available from the Institute for Clinical Systems Improvement (ICSI) Web site .

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NQMC Status

This NQMC summary was completed by ECRI Institute on October 8, 2012.

This NQMC summary was updated by ECRI Institute on February 4, 2013, February 24, 2014, and again on April 17, 2015.

The information was reaffirmed by the measure developer on January 10, 2017.

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Production

Source(s)

Institute for Clinical Systems Improvement (ICSI). Quality improvement support: preventive services for adults. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2014 Sep. 21 p.

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