

## Preventive Care (PC) Analytic Flowcharts

### General Inclusion Criteria

At least two face-to-face office visits with physician, physicians' assistant, or nurse practitioner occurring during the measurement period (see Appendix A.2)

[PCCONFIRMED] =1  
(see Appendix A.2)

#### AND

Patient has documentation of at least one of the listed chronic conditions:

- Alzheimer's and Mental Health
- Cancer
- Congestive Heart Failure
- Coronary Artery Disease
- Diabetes Mellitus
- Kidney Disease
- Lung Disease
- Other Chronic Cardiac or Circulatory Disease
- Other Chronic Diseases (Osteoporosis and Arthritis)  
(see Appendix A.1)

#### AND

(see Appendix A.1)

Measure Owner Designation
♣ AMA/PCPI is the measure owner
▲ CMS is the measure owner
■ NCQA is the measure owner

# Preventive Care (PC) Analytic Flowcharts

## Preventive Care Performance Measures

**Blood Pressure Measurement (\*PC-1): Percentage of patient visits with blood pressure (BP) measurement recorded**

**Denominator: All visits for patients with chronic conditions  $\geq$  18 years of age**

**Denominator Inclusions**

All face-to-face office visits with a documented diagnosis of a chronic condition(s) and patient is 18 years or older at the beginning of the measurement period (page 1)

Each [HFPCVISITDATE] = one case in the denominator  
**AND**  
 Meeting inclusion criteria (page 1)  
**AND**  
 Beginning of measurement period – [DATEOFBIRTH]  $\geq$  18  
**AND**  
 [HFPCINVALID] = 0

**Denominator Exclusions**

None

None

**Numerator: Patient visits with blood pressure measurement recorded**

**Numerator Inclusions**

Patient visits with blood pressure measurement recorded (see Appendix B.1, B.2)

Each [HFPCVISITDATE]  
**WITH**  
 [PCBPMEASURE] = 1  
 (see Appendix B.1, B.2)

Measure Owner Designation
♣ AMA/PCPI is the measure owner
▲ CMS is the measure owner
■ NCQA is the measure owner

## Preventive Care (PC) Analytic Flowcharts

**Breast Cancer Screening (PC-5):** The percentage of women 40 - 69 years of age who had a mammogram to screen for breast cancer

**Denominator:** Women 42 - 69 years of age on the last day of the measurement period  
(Note: Given the measurement look back period, women 40 - 69 will be captured in the measure.)

### Denominator Inclusions

Women (each unique female patient identifier equals one case in the denominator) meeting the inclusion criteria (page one) and aged 42 - 69 on the last day of the measurement period	Each unique [PATIENTID] with [GENDER] = 2 = one case in the denominator <b>AND</b> Meeting inclusion criteria (page 1) <b>AND</b> Last day of measurement period – [DATEOFBIRTH] ≥ 42 and ≤ 69
---	--

### Denominator Exclusions (Exclusions only applied if screening for breast cancer not performed)

Any visit where- Excluded for Medical Reason: <ul style="list-style-type: none"> <li>• Any documentation of bilateral mastectomy</li> </ul> (see Appendix C.1 C.2)	[PCMAMMOGRAM] = 3 (see Appendix C.1, C.2)
---	--

**Numerator:** One or more mammograms during the measurement period or the year prior to the measurement period

### Numerator Inclusions

One or more mammograms during the measurement period or the year prior to the measurement period (see Appendix D.1, D.2, D.3)	[PCMAMMOGRAM] = 1 (see Appendix D.1, D.2, D.3)
--	---

Measure Owner Designation
♣ AMA/PCPI is the measure owner
▲ CMS is the measure owner
■ NCQA is the measure owner

## Preventive Care (PC) Analytic Flowcharts

### Colorectal Cancer Screening (\*PC-6): Percentage of patients screened for colorectal cancer during the one-year measurement period

**Denominator: All patients ≥ 50 years of age at the beginning of the one-year measurement period**

#### Denominator Inclusions

All patients (each unique patient identifier equals one case in the denominator) meeting the inclusion criteria (page 1) and aged ≥ 50 at the beginning of the measurement period

Each unique [PATIENTID] = one case in the denominator

**AND**

Meeting inclusion criteria (page 1)

**AND**

Beginning of measurement period – [DATEOFBIRTH] ≥ 50

Denominator Exclusions (Exclusions only applied if screening for colorectal cancer not performed)

Any visit where-  
Excluded for Medical Reason(s)  
Excluded for Patient Reason(s)  
Excluded for System Reason(s)  
(see Appendix E.1, E.2)

[PCFOBTPERFORM] = 3

**OR**

[PCFOBTPERFORM] = 4

**OR**

[PCFOBTPERFORM] = 5

(see Appendix E.1, E.2)

**Numerator: Patients with any of the recommended colorectal cancer screening test(s) performed**

#### Numerator Inclusions

Patients with any of the recommended colorectal cancer screening test(s) performed:

- Fecal occult blood test (FOBT) annually
- Flexible sigmoidoscopy every five years
- Annual FOBT plus flexible sigmoidoscopy every five years
- Double contrast barium enema every five years
- Colonoscopy every ten years

(see Appendix F.1, F.2, F.3)

[PCFOBTPERFORM] = 1

(see Appendix F.1, F.2, F.3)

Measure Owner Designation
♣ AMA/PCPI is the measure owner
▲ CMS is the measure owner
■ NCQA is the measure owner

# Preventive Care (PC) Analytic Flowcharts

Measure Owner Designation
♣ AMA/PCPI is the measure owner
▲ CMS is the measure owner
■ NCQA is the measure owner

## Preventive Care (PC) Analytic Flowcharts

**Influenza Immunization (\*PC-7): Percentage of patients who received an influenza immunization during the one-year measurement period**

**Denominator: All patients  $\geq 50$  years of age at the beginning of the one-year measurement period**

### Denominator Inclusions

All patients (each unique patient identifier equals one case in the denominator) meeting the inclusion criteria (page one) and  $\geq 50$  years of age

Each unique [PATIENTID] = one case in the denominator

**AND**

Meeting inclusion criteria (page 1)

**AND**

Beginning of measurement period –  
[DATEOFBIRTH]  $\geq 50$

### Denominator Exclusions (Exclusions only applied if influenza immunization not received)

Any visit where-

Excluded for Medical Reasons:

- Documentation of egg allergy
- Documentation of adverse reaction to influenza immunization
- Documentation of other medical reason(s) for not receiving an influenza immunization

Excluded for Patient Reasons

Excluded for System Reasons

(see Appendix G.1, G.2, G.3)

[PCFLUSHOT] = 3

**OR**

[PCFLUSHOT] = 4

**OR**

[PCFLUSHOT] = 5

(see Appendix G.1, G.2, G.3)

**Numerator: Patients who received an influenza immunization from September through February of the year prior to the measurement period**

### Numerator Inclusions

Patients who received an influenza immunization from September through February of the year prior to the measurement period  
(see Appendix H.1, H.2, H.3, H.4, H.5, H.6)

[PCFLUSHOT] = 1

(see Appendix H.1, H.2, H.3, H.4, H.5, H.6)

Measure Owner Designation
♣ AMA/PCPI is the measure owner
▲ CMS is the measure owner
■ NCQA is the measure owner

## Preventive Care (PC) Analytic Flowcharts

**Pneumonia Vaccination (PC-8): Percentage of patients ≥ 65 years and older who ever received a pneumococcal vaccination**

**Denominator: All patients ≥ 65 years of age in the measurement period**

**Denominator Inclusions**

All patients (each unique patient identifier equals one case in the denominator) meeting the inclusion criteria (page one) and ≥ 65 years of age on the last day of the measurement period

Each unique [PATIENTID] = one case in the denominator  
**AND**  
 Meeting inclusion criteria (page 1)  
**AND**  
 Last day of measurement period – [DATEOFBIRTH] ≥ 65

**Denominator Exclusions (Exclusions only applied if the patient has never received a pneumococcal vaccination)**

Any visit where-  
 Excluded for Medical Reasons:

- Previous anaphylactic reaction to the vaccine or any of its components
- Other medical reason(s) documented by the practitioner for not receiving an pneumococcal vaccination

Excluded for Patient Reasons:  
 (e.g. economic, social, religious)  
 (see Appendix I.1, I.2, I.3)

[PCPNEUMOSHOT] = 3  
**OR**  
 [PCPNEUMOSHOT] = 4  
 (see Appendix I.1, I.2, I.3)

**Numerator: Patients who have ever received a pneumococcal vaccination**

**Numerator Inclusions**

Patients who ever received a pneumococcal vaccination  
 (see Appendix J.1, J.2, J.3, J.4, J.5, J.6)

[PCPNEUMOSHOT] = 1  
 (see Appendix J.1, J.2, J.3, J.4, J.5, J.6)

Measure Owner Designation
♣ AMA/PCPI is the measure owner
▲ CMS is the measure owner
■ NCQA is the measure owner

## **DISCLAIMER INFORMATION REGARDING PREVENTIVE CARE MEASURES**

This disclaimer from the AMA is applicable for the following measures:

- Blood Pressure Measurement (♣PC-1):
- Colorectal Cancer Screening (♣PC-6)
- Influenza Immunization (♣PC-7)

Physician Performance Measures (Measures) and related data specifications, developed by the Physician Consortium for Performance Improvement™ (the Consortium), are intended to facilitate quality improvement activities by physicians. These Measures are intended to assist physicians in enhancing quality of care. Measures are designed for use by any physician who manages the care of a patient for a specific condition or for prevention. These performance Measures are not clinical guidelines and do not establish a standard of medical care. The Consortium has not tested its Measures for all potential applications. The Consortium encourages the testing and evaluation of its Measures.

Measures are subject to review and may be revised or rescinded at any time by the Consortium. The Measures may not be altered without the prior written approval of the Consortium. Measures developed by the Consortium, while copyrighted, can be reproduced and distributed, without modification, for noncommercial purposes, e.g., use by health care providers in connection with their practices. Commercial use is defined as the sale, license, or distribution of the Measures for commercial gain, or incorporation of the Measures into a product or service that is sold, licensed or distributed for commercial gain. Commercial uses of the Measures require a license agreement between the user and American Medical Association, on behalf of the Consortium. Neither the Consortium nor its members shall be responsible for any use of these Measures.

THE MEASURES ARE PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND

© 2006 American Medical Association. All Rights Reserved

Limited proprietary coding is contained in the Measure specifications for convenience. Users of the proprietary code sets should obtain all necessary licenses from the owners of these code sets. The AMA, the Consortium and its members disclaim all liability for use or accuracy of any Current Procedural Terminology (CPT®) or other coding contained in the specifications.

THE SPECIFICATIONS ARE PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND.

CPT® contained in the Measures specifications is copyright 2004 American Medical Association.

LOINC® copyright 2004 Regenstrief Institute, Inc.

This material contains SNOMED Clinical Terms® (SNOMED CT®) copyright 2002-2004 College of American Pathologists. All rights reserved.

### **AND**

This disclaimer from the NCQA is applicable for the following measures:

- Breast Cancer Screening (♣PC-5)
- Pneumonia Vaccination (♣PC-8)

NCQA Notice of Use.

Broad public use and dissemination of these measures is encouraged and the measure developers have agreed with NQF that noncommercial uses do not require the consent of the measure developer. Use by health care providers in connection with their own practices is not commercial use. Commercial use of a measure does require the prior written consent of the measure developer.

As used herein, a "commercial use" refers to any sale, license, or distribution of a measure for commercial gain, or incorporation of a measure into any product or service that is sold, licensed, or distributed for commercial gain, (even if there is no actual charge for inclusion of the measure.)

These performance measures were developed and are owned by the National Committee for Quality Assurance ("NCQA"). These performance measures are not clinical guidelines and do not establish a standard of medical care. NCQA makes no representations, warranties, or endorsement about the quality of any organization or physician that uses or reports performance measures and NCQA has no liability to anyone who relies on such measures.

NCQA holds a copyright in this measure and can rescind or alter this measure at any time. Users of the measure shall not have the right to alter, enhance, or otherwise modify the measure and shall not disassemble, recompile, or reverse engineer the source code or object code relating to the measure. Anyone desiring to use or reproduce the measure without modification for a noncommercial purpose may do so without obtaining any approval from NCQA.

All commercial uses must be approved by NCQA and are subject to a license at the discretion of NCQA.

©2004 National Committee for Quality Assurance, all rights reserved.

<b>Measure Owner Designation</b>
♣ AMA/PCPI is the measure owner
▲ CMS is the measure owner
■ NCQA is the measure owner