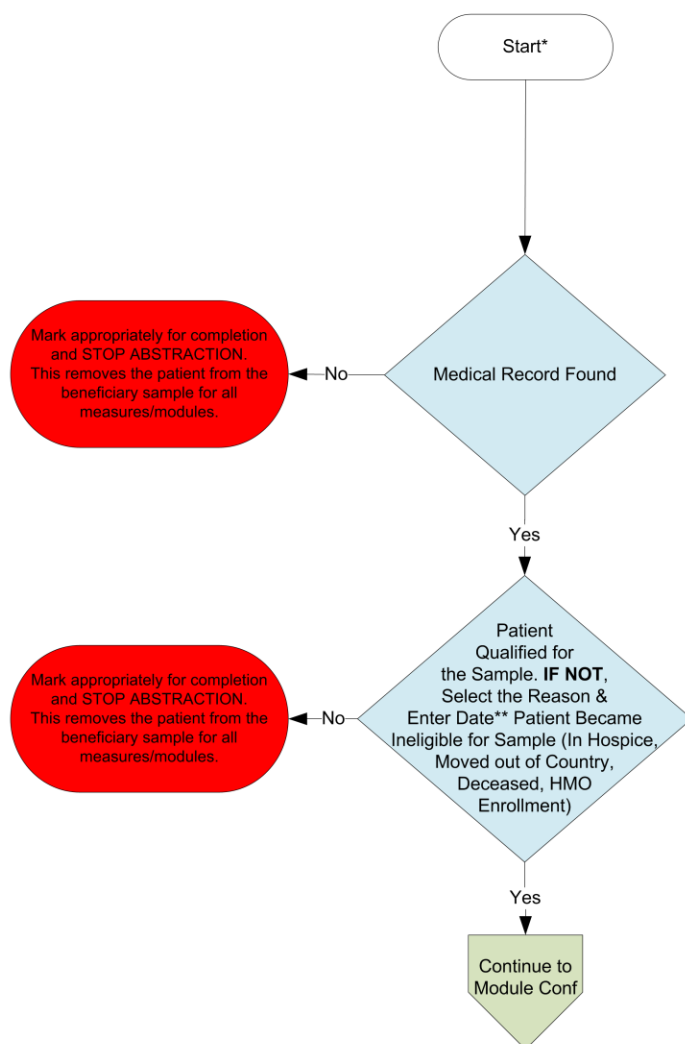


Patient Confirmation Flow

For 2016, confirmation of the "Medical Record Found", or indicating the patient is "Not Qualified for Sample" with a reason of "In Hospice", "Moved out of Country", "Deceased", or "HMO Enrollment", will only need to be done **once** per patient. Refer to the Data Guidance for further instructions.

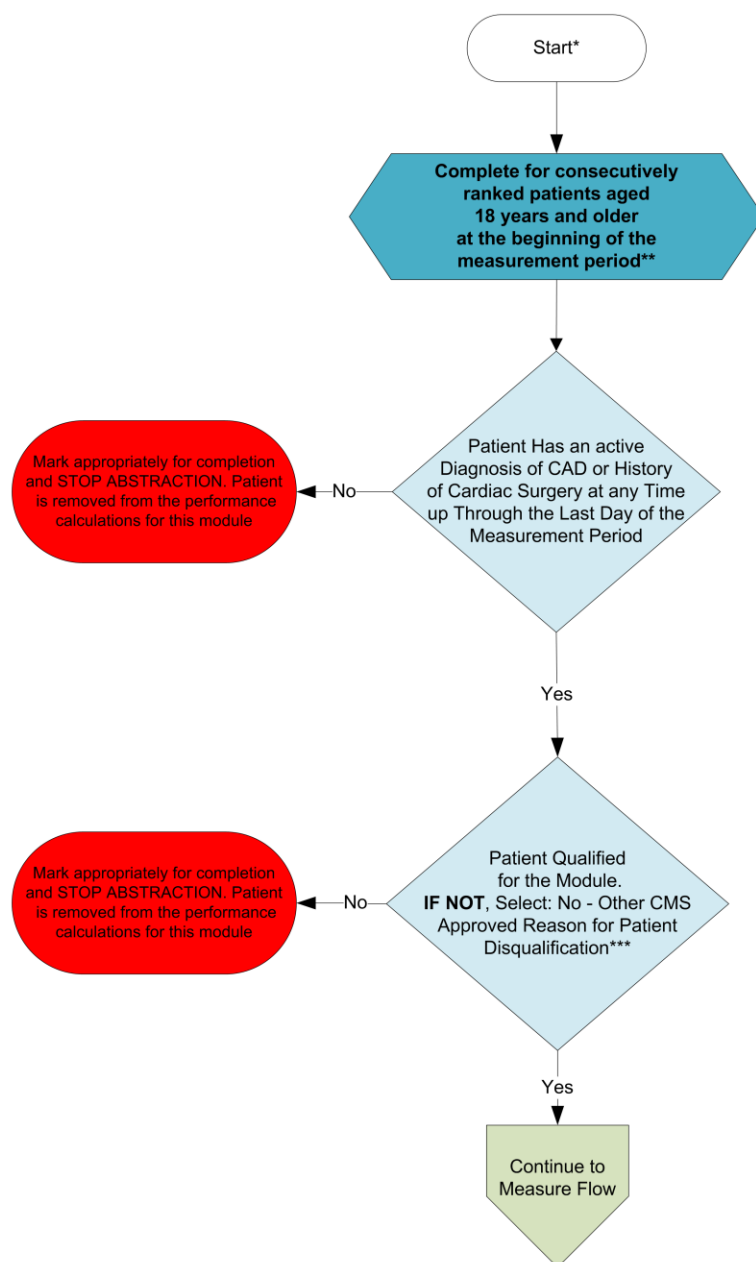


*See Data Guidance for further instructions to report this module

**If date is unknown, enter 12/31/2016

Module Confirmation Flow for CAD Module

For 2016, module or measure specific reasons a patient is "Not Confirmed" or excluded for "Denominator Exclusion" or "Other CMS Approved Reason" will need to be done for each measure/module where the patient appears. Refer to the Data Guidance for further instructions.



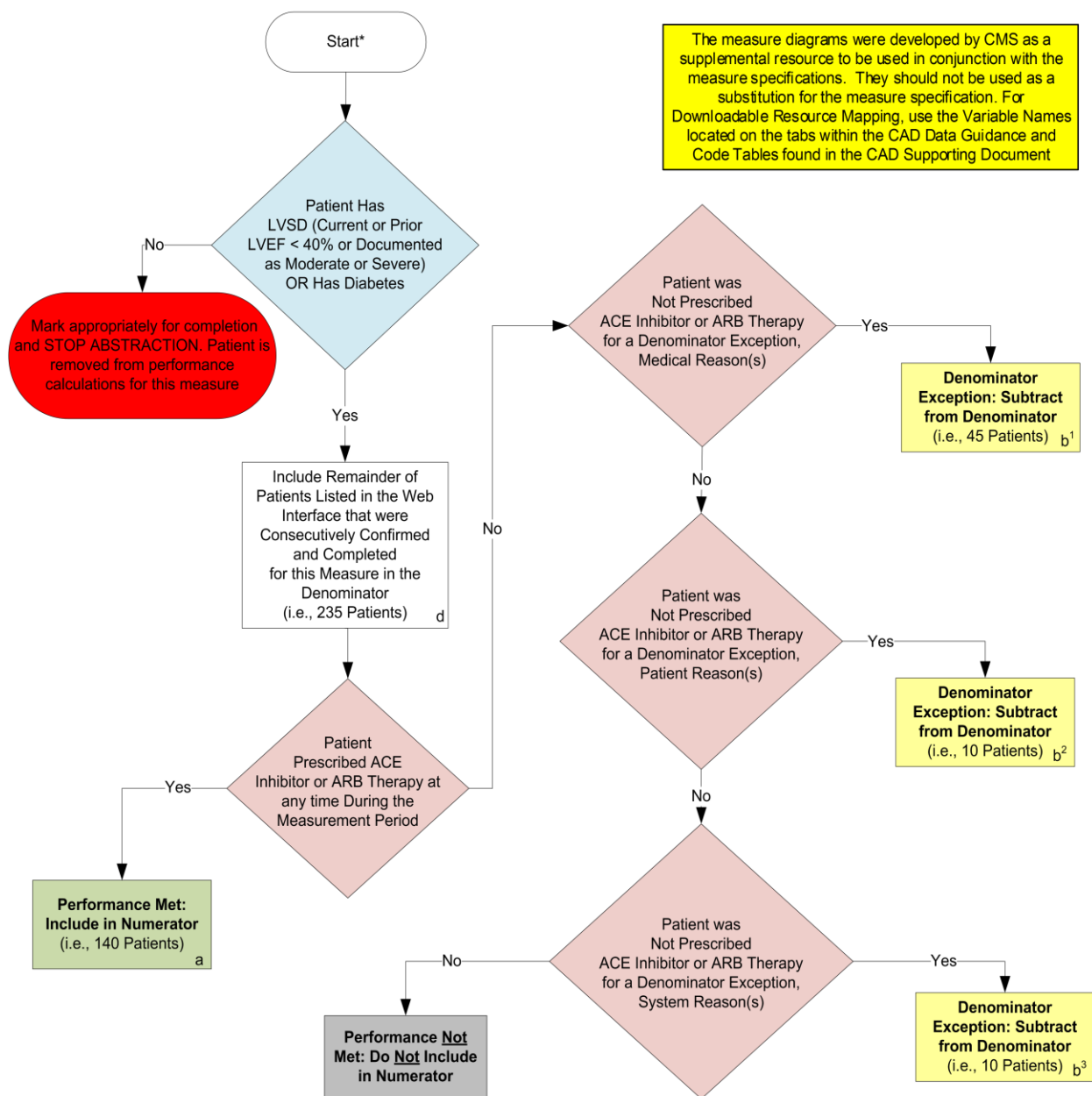
*See Data Guidance for further instructions to report this module

**Further information regarding patient selection for specific disease modules and patient care measures can be found in the Web Interface Sampling Methodology Document. For patients who have the incorrect date of birth listed, a change of the patient date of birth by the abstractor may result in the patient no longer qualifying for the CAD module. If this is the case, the system will automatically remove the patient from the measure requirements.

****"Other CMS Approved Reason" is requested and approved by opening a Help Desk Ticket at Qnetsupport@hcqis.org

2016 GPRO CAD-7 (NQF 0066): Coronary Artery Disease (CAD): Angiotensin-Converting Enzyme (ACE) Inhibitor or Angiotensin Receptor Blocker (ARB) Therapy - Diabetes or Left Ventricular Systolic Dysfunction (LVEF < 40%)

This flow applies to GPRO Web Interface



SAMPLE CALCULATION:

Performance Rate=

$$\frac{\text{Performance Met (a=140 Patients)}}{\text{Eligible Denominator (d=235 Patients) - Denominator Exception (b¹=45 Patients + b²=10 Patients + b³=10 Patients)}} = \frac{140 \text{ Patients}}{170 \text{ Patients}} = 82.35\%$$

CALCULATION MAY CHANGE PENDING PERFORMANCE MET ABOVE

*See Data Guidance for further instructions to report this measure

Patient Confirmation Flow

For 2016, confirmation of the “Medical Record Found”, or indicating the patient is “Not Qualified for Sample” with a reason of “In Hospice”, “Moved out of Country”, “Deceased”, or “HMO Enrollment”, will only need to be done **once** per patient. Refer to the Data Guidance for further instructions.

1. Start Patient Confirmation Flow.
2. Check to determine if Medical Record can be found.
 - a. If no, Medical Record not found, mark appropriately for completion and stop abstraction. This removes the patient from the beneficiary sample for all measures/modules. Stop processing.
 - b. If yes, Medical Record found, continue processing.
3. Check to determine if Patient Qualified for the sample.
 - a. If no, the patient does not qualify for the sample, select the reason why and enter the date (if date is unknown, enter 12/31/2016) the patient became ineligible for sample. For example; In Hospice, Moved out of Country, Deceased, HMO Enrollment. Mark appropriately for completion and stop abstraction. This removes the patient from the beneficiary sample for all measures/modules. Stop processing.
 - b. If yes, the patient does qualify for the sample; continue to the Module Confirmation Flow for CAD Module.

Module Confirmation Flow for CAD Module

For 2016, module or measure specific reasons a patient is “Not Confirmed” or excluded for “Denominator Exclusion” or “Other CMS Approved Reason” will need to be done for each measure/module where the patient appears. Refer to the Data Guidance for further instructions.

1. Start Module Confirmation Flow for CAD Module. Complete for consecutively ranked patients aged 18 years and older at the beginning of the measurement period. Further information regarding patient selection for specific disease modules and patient care measures can be found in the Web Interface Sampling Methodology Document. For patients who have the incorrect date of birth listed, a change of the patient date of birth by the abstractor may result in the patient no longer qualifying for the CAD module. If this is the case, the system will automatically remove the patient from the measure requirements.
2. Check to determine if the patient has an active diagnosis of CAD or history of cardiac surgery at any time up through the last day of the measurement period.
 - a. If no, the patient does not have an active diagnosis of CAD or history of cardiac surgery at any time up through the last day of the measurement period, mark appropriately for completion and stop abstraction. Patient is removed from the performance calculations for this module. Stop processing.
 - b. If yes, the patient does have an active diagnosis of CAD or history of cardiac surgery at any time up through the last day of the measurement period, continue processing.
3. Check to determine if the patient qualifies for the module (Other CMS Approved Reason).
 - a. If no, the patient does not qualify for the module select: No – Other CMS Approved Reason for patient disqualification. Mark appropriately for completion and stop abstraction. Patient is removed from the performance calculations for this module. “Other CMS Approved Reason” is requested and approved by opening a Help Desk Ticket at Qnetsupport@hcqis.org. Stop processing.
 - b. If yes, the patient does qualify for the module, continue to the CAD-7 measure flow.

2016 GPRO CAD-7 (NQF 0066): Coronary Artery Disease (CAD): Angiotensin-Converting Enzyme (ACE) Inhibitor or Angiotensin Receptor Blocker (ARB) Therapy - Diabetes or Left Ventricular Systolic Dysfunction (LVEF < 40%)

This flow applies to GPRO Web Interface

The measure diagrams were developed by CMS as a supplemental resource to be used in conjunction with the measure specifications. They should not be used as a substitution for the measure specifications. For Downloadable Resource Mapping, use the Variable Names located on the tabs within the CAD Data Guidance and Code Tables found in the CAD Supporting Document.

1. Start processing 2016 GPRO CAD-7 (NQF 0066) Flow for the patients that qualified for the sample in the Patient Confirmation Flow and the Module Confirmation Flow for CAD Module.
2. Check to determine if the patient has LVSD (current or prior LVEF less than 40 percent or documented as moderate or severe) OR has diabetes.
 - a. If no, the patient did not have LVSD (current or prior LVEF less than 40 percent or documented as moderate or severe) OR has diabetes, mark appropriately for completion and stop abstraction. Patient is removed from performance calculations for this measure. Stop processing.
 - b. If yes, the patient did have LVSD (current or prior LVEF less than 40 percent or documented as moderate or severe) OR has diabetes, the patient will be included in the eligible denominator for performance rate calculations. Note: Include remainder of patients listed in the Web Interface that were consecutively confirmed and completed for this measure in the denominator. For the sample calculation in the flow these patients would fall into the 'd' category (eligible denominator, i.e. 235 patients). Continue processing.
3. Check to determine if the patient was prescribed ACE Inhibitor or ARB Therapy at any time during the measurement period.
 - a. If no, the patient was not prescribed ACE Inhibitor or ARB Therapy, continue processing.
 - b. If yes, the patient was prescribed ACE Inhibitor or ARB Therapy, performance is met and the patient will be included in the numerator. For the sample calculation in the flow these patients would fall into the 'a' category (numerator, i.e. 140 patients). Stop processing.
4. Check to determine if the patient was Not prescribed ACE Inhibitor or ARB Therapy for a denominator exception, medical reason(s).
 - a. If no, patient was Not prescribed ACE Inhibitor or ARB Therapy for a denominator exception, medical reason(s), continue processing.
 - b. If yes, patient was Not prescribed ACE Inhibitor or ARB Therapy for a denominator exception, medical reason(s), this is a denominator exception and the case should be subtracted from the eligible denominator. For the sample calculation in the flow these patients would fall into the 'b1' category (denominator exception, i.e. 45 patients). Stop processing.
5. Check to determine if the patient was Not prescribed ACE Inhibitor or ARB Therapy for a denominator exception, patient reason(s).
 - a. If no, patient was Not prescribed ACE Inhibitor or ARB Therapy for a denominator exception, patient reason(s), continue processing.

- b. If yes, patient was Not prescribed ACE Inhibitor or ARB Therapy for a denominator exception, patient reason(s), this is a denominator exception and the case should be subtracted from the eligible denominator. For the sample calculation in the flow these patients would fall into the 'b²' category (denominator exception, i.e. 10 patients). Stop processing.
- 6. Check to determine if the patient was Not prescribed ACE Inhibitor or ARB Therapy for a denominator exception, system reason(s).
 - a. If no, patient was Not prescribed ACE Inhibitor or ARB Therapy for a denominator exception, system reason(s), performance is not met and should not be included in the numerator. Stop processing.
 - b. If yes, patient was Not prescribed ACE Inhibitor or ARB Therapy for a denominator exception, system reason(s), this is a denominator exception and the case should be subtracted from the eligible denominator. For the sample calculation in the flow these patients would fall into the 'b³' category (denominator exception, i.e. 10 patients). Stop processing.

Sample Calculation

Performance Rate Equals

Performance Met is category 'a' in the measure flow (140 patients)

Eligible Denominator is category 'd' in measure flow (235 patients)

Denominator Exception is category 'b¹ plus b² plus b³' in measure flow (65 Patients)

140 (Performance Met) divided by 170 (Eligible Denominator minus Denominator Exception) equals a performance rate of 82.35 percent

Calculation May Change Pending Performance Met