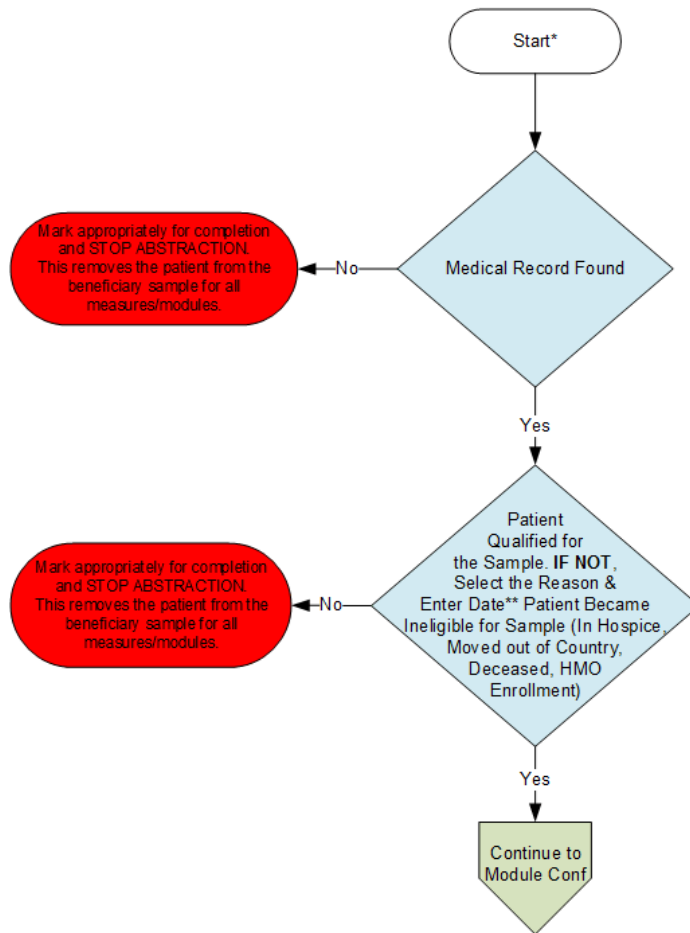# Patient Confirmation Flow

For 2015, 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.
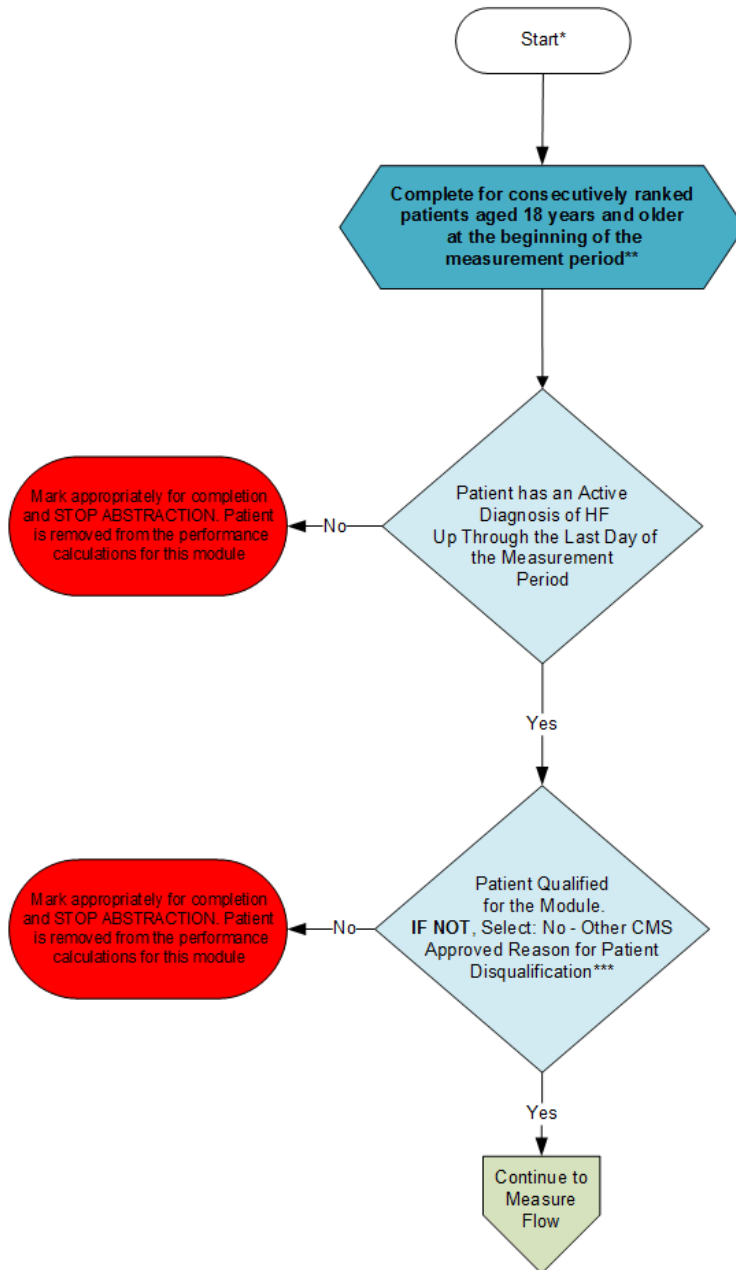
Start*

Medical Record Found

— No → Mark appropriately for completion and STOP ABSTRACTION. This removes the patient from the beneficiary sample for all measures/modules.

Yes

Patient Qualified for the Sample. **IF NOT**, Select the Reason & Enter Date** Patient Became Ineligible for Sample (In Hospice, Moved out of Country, Deceased, HMO Enrollment)

— No → Mark appropriately for completion and STOP ABSTRACTION. This removes the patient from the beneficiary sample for all measures/modules.

Yes

Continue to Module Conf

*See Data Guidance for further instructions to report this module
**If date is unknown, enter 12/31/15

v3.0

Module Confirmation Flow for HF Module

For 2015, 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.

Start*

Complete for consecutively ranked patients aged 18 years and older at the beginning of the measurement period**

Patient has an Active Diagnosis of HF Up Through the Last Day of the Measurement Period

No → Mark appropriately for completion and STOP ABSTRACTION. Patient is removed from the performance calculations for this module

Yes

Patient Qualified for the Module. **IF NOT**, Select: No - Other CMS Approved Reason for Patient Disqualification***

No → Mark appropriately for completion and STOP ABSTRACTION. Patient is removed from the performance calculations for this module
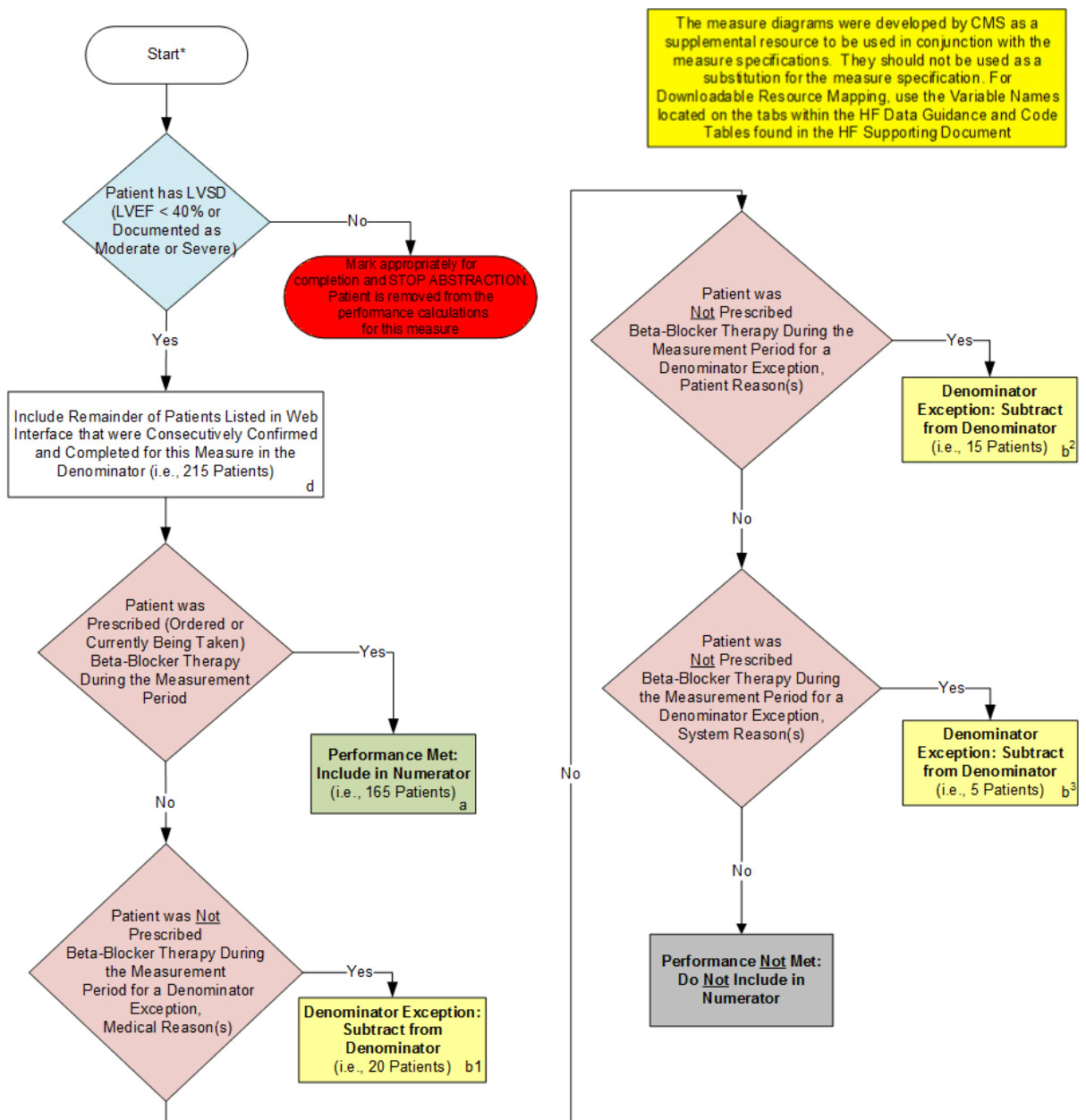
Yes

Continue to Measure Flow

*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 HF 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

v3.0

2015 GPRO HF-6 (NQF 0083): Heart Failure (HF): Beta-Blocker Therapy for Left Ventricular Systolic Dysfunction (LVSD)
This flow applies to GPRO Web Interface

Start*

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 specification. For Downloadable Resource Mapping, use the Variable Names located on the tabs within the HF Data Guidance and Code Tables found in the HF Supporting Document

Patient has LVSD (LVEF < 40% or Documented as Moderate or Severe)

— No → Mark appropriately for completion and STOP ABSTRACTION. Patient is removed from the performance calculations for this measure

Yes ↓

Include Remainder of Patients Listed in Web Interface that were Consecutively Confirmed and Completed for this Measure in the Denominator (i.e., 215 Patients)   d

Patient was Prescribed (Ordered or Currently Being Taken) Beta-Blocker Therapy During the Measurement Period

— Yes → **Performance Met: Include in Numerator** (i.e., 165 Patients)   a

No ↓

Patient was Not Prescribed Beta-Blocker Therapy During the Measurement Period for a Denominator Exception, Medical Reason(s)

— Yes → **Denominator Exception: Subtract from Denominator** (i.e., 20 Patients)   b1

Patient was Not Prescribed Beta-Blocker Therapy During the Measurement Period for a Denominator Exception, Patient Reason(s)

— Yes → **Denominator Exception: Subtract from Denominator** (i.e., 15 Patients) b^2

No ↓

Patient was Not Prescribed Beta-Blocker Therapy During the Measurement Period for a Denominator Exception, System Reason(s)

— Yes → **Denominator Exception: Subtract from Denominator** (i.e., 5 Patients) b^3

No ↓

Performance Not Met: Do Not Include in Numerator

SAMPLE CALCULATION:

Performance Rate=

$$\frac{\text{Performance Met (a=165 Patients)}}{\text{Eligible Denominator (d=215 Patients) - Denominator Exception (}b^1\text{=20 Patients - }b^2\text{=15 Patients - }b^3\text{=5 Patients)}} = \frac{165\ \text{Patients}}{175\ \text{Patients}} = 94.29\%$$

CALCULATION MAY CHANGE PENDING PERFORMANCES MET ABOVE

*See Data Guidance for further instructions to report this measure

v3.0

Patient Confirmation Flow

For 2015, 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 the 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 12/31/2015) 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 HF Module.

Module Confirmation Flow for HF Module

For 2015, 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 HF 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 HF 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 HF at any time up through the last day of the measurement period.
    a. If no, the patient does not have an active diagnosis of HF 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 HF 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 HF-6 measure flow.

2015 GPRO-HF-6 (NQF 0083): Heart Failure (HF): Beta-Blocker Therapy for Left Ventricular Systolic Dysfunction (LVSD)

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 HF Data Guidance and Code Tables found in the HF Supporting Document.

1. Start processing 2015 GPRO-HF-6 (NQF 0083) Flow for the patients that qualified for sample in the Patient Confirmation Flow and the Module Confirmation Flow for HF Module.

2. Check to determine if the patient has LVSD (LVEF < 40% or documented as moderate or severe).
    a. If no, the patient does not have LVSD (LVEF < 40% or documented as moderate or severe), mark appropriately for completion and stop abstraction. Patient is removed from the performance calculations for this measure. Stop processing.
    b. If yes, the patient does have LVSD (LVEF < 40% or documented as moderate or severe), 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. 215 patients). Continue processing.

3. Check to determine if the patient was prescribed (ordered or currently being taken) Beta-Blocker Therapy at any time during the measurement period.
    a. If no, the patient was not prescribed (ordered or currently being taken) Beta-Blocker Therapy at any time during the measurement period, continue processing.
    b. If yes, the patient was prescribed (ordered or currently being taken) Beta-Blocker Therapy at any time during the measurement period, 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. 165 patients). Stop processing.

4. Check to determine if the patient was <u>Not</u> prescribed Beta-Blocker Therapy at any time during the measurement period for a denominator exception, medical reason(s).
    a. If no, the patient was <u>Not</u> prescribed Beta-Blocker Therapy at any time during the measurement period for a denominator exception, medical reason(s), continue processing.
    b. If yes, the patient was <u>Not</u> prescribed Beta-Blocker Therapy at any time during the measurement period 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. 20 patients). Stop processing.

5. Check to determine if the patient was <u>Not</u> prescribed Beta-Blocker Therapy at any time during the measurement period for a denominator exception, patient reason(s).
    a. If no, the patient was <u>Not</u> prescribed Beta-Blocker Therapy at any time during the measurement period for a denominator exception, patient reason(s), continue processing.

b. If yes, the patient was <u>Not</u> prescribed Beta-Blo**c**ker Therapy at any time during the measurement period 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. 15 patients). Stop processing.

6. Check to determine if the patient was <u>Not</u> prescribed Beta-Blocker Therapy at any time during the measurement period for a denominator exception, system reason(s).
   a. If no, the patient was <u>Not</u> prescribed Beta-Blocker Therapy at any time during the measurement period for a denominator exception, system reason(s), performance is not met and should not be included in the numerator. Stop processing.
   b. If yes, the patient was <u>Not</u> prescribed Beta-Blocker Therapy at any time during the measurement period 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. 5 patients). Stop processing.

Sample Calculation
Performance Rate Equals
Performance Met is category 'a' in the measure flow (165 patients)
Eligible Denominator is category 'd' in measure flow (215 patients)
Denominator Exception is category 'b¹ plus b² plus b³' in measure flow (40 patients)
165 (Performance Met) divided by 175 (Eligible Denominator minus Denominator Exception) equals a performance rate of 94.29 percent
Calculation May Change Pending Performance Met