

## Controlling High Blood Pressure (CMS165)

The following is for educational purposes only and is not intended to be clinical or legal advice. The information provided in the Measure Details section is based on specification published by CMS at <https://ecqi.healthit.gov/ecqm/ec/2023/cms165v11>

### Measure Details

#### Description \*

Percentage of patients 18-85 years of age who had a diagnosis of essential hypertension starting before and continuing into, or starting during the first six months of the measurement period, and whose most recent blood pressure was adequately controlled (<140/90mmHg) during the measurement period

#### Initial Population

Patients 18-85 years of age **by the end of the measurement period** who had a visit and diagnosis of essential hypertension starting before and continuing into, or starting during the first six months of the measurement period

#### Denominator

Equals Initial Population

#### Numerator

Patients whose most recent blood pressure is adequately controlled (systolic blood pressure < 140 mmHg and diastolic blood pressure < 90 mmHg) during the measurement period

#### Denominator Exclusion

- Patients with evidence of end stage renal disease (ESRD), dialysis or renal transplant before or during the measurement period
- Also exclude patients with a diagnosis of pregnancy during the measurement period
- Exclude patients who are in hospice care for any part of the measurement period
- Exclude patients receiving palliative care **during for any part of** the measurement period.
- Exclude patients 66 and older **by the end of the measurement period** who are living long term in **an institution for more than 90 consecutive days during a nursing home any time on or before the end of** the measurement period
- Exclude patients 66 and older **by the end of the measurement period** with an indication of frailty for any part of the measurement period who **also** meet any of the following **advanced illness** criteria:
  - Advanced illness with two outpatient encounters during the measurement period or the year prior – OR
  - Advanced illness with one inpatient encounter during the measurement period or the year prior – OR Taking dementia medications during the measurement period or the year prior

### Overview

What is Documented	When is it Documented	Where in QMER
Qualifying Encounter	During Measurement Period (2023)	Coded SOAP Note
Diagnosis of Essential Hypertension	Starting before 2023 or the first six months	DxCPT Module
Blood Pressure	Each visit during measurement period (2023)	Vitals Module

Exclusions/Exceptions	Where in QEMR
Patients with evidence of end stage renal disease	History Module
Patient with a history of renal transplant	History Module
Patients pregnant during any time during the measurement period	History Module
Patients who are in palliative care for any part of the measurement period	History Module
Patients who are in hospice care for any part of the measurement period	History Module

2022 to 2023 Changes
NA

## Set Up

All codification shown is an example for incrementation, for a full list of accepted codes please visit [Value Set Authority Center](#).

## Qualifying Encounter

No set up required

## Building Exclusion History Items

Build the history items below:

1. Log into **QEMR** > Navigate to **Edit > History**
2. Highlight **desired History Category** list on left side bar
3. Click **New** hot button
4. **Complete the Update History** Screen as seen below
5. Click **Save & Close** hot button

Update History

Save&Cls Close

\* History Category: Health Maintenance

\* Item Description: Pregnancy

Comments: Due Date:

History Type: Diagnosis

SNOMED: 77386006-Pregnancy confirmed

ICD9/10:

CPT:

LOINC Code:

Refusal/Reason Code:

Update History

Save&Cls Close

\* History Category: Health Maintenance

\* Item Description: Hospice Care

Comments:

History Type: Procedure

SNOMED: 385765002-Hospice care management

ICD9/10:

CPT:

LOINC Code:

Refusal/Reason Code:

Add History

Save&Cls Close

\* History Category: Health Maintenance

\* Item Description: End State Renal Disease

Comments:

History Type: Diagnosis

SNOMED: 46177005-ESRD - End stage renal disease

ICD9/10:

CPT:

LOINC Code:

Refusal/Reason Code:

Add History

Save&Cls Close

\* History Category: Surgery

\* Item Description: Kidney Transplant

Comments:

History Type: Procedure

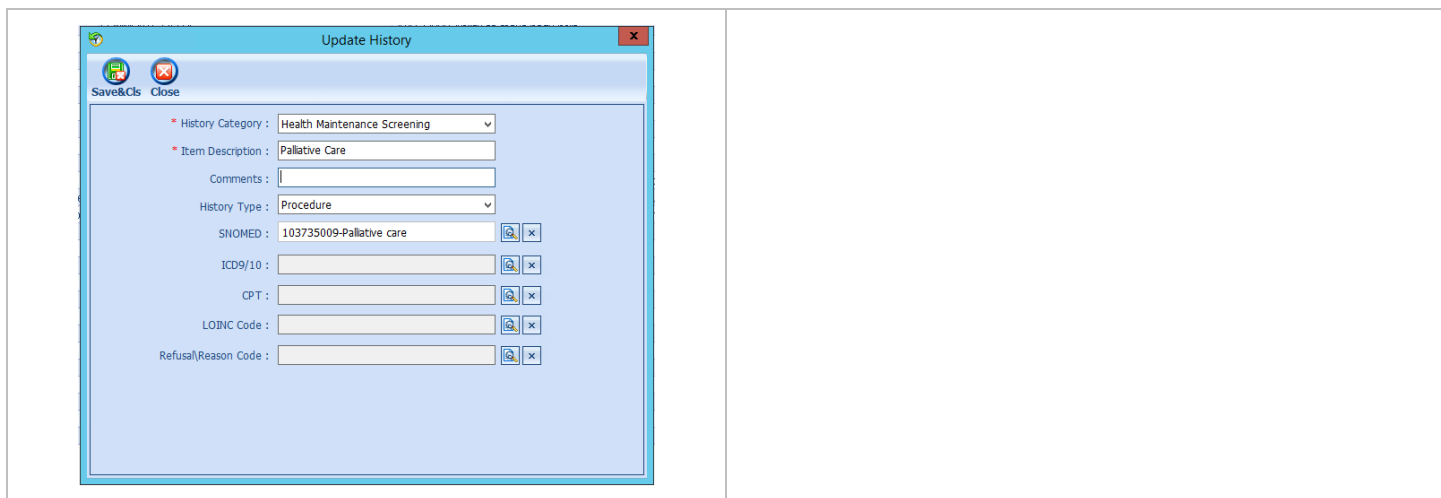
SNOMED: 161665007-History of - kidney recipient

ICD9/10:

CPT:

LOINC Code:

Refusal/Reason Code:



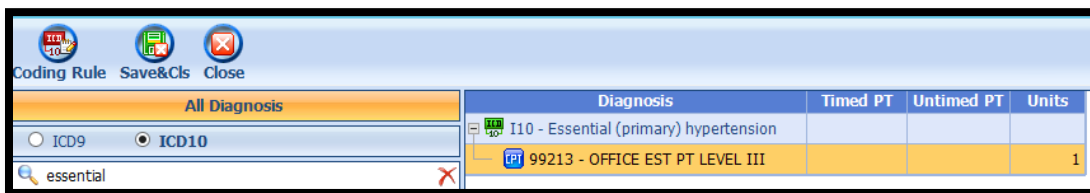
## Workflow

### Qualifying Encounter

Following standard office workflow, document patient visit(s) via SOAP notes and code with CPT and diagnosis codes using either DxCPT, SmartDx or Smart CPT modules.

### Diagnosis of Essential Hypertension

For this measure a diagnosis of Essential (Primary) Hypertension must be documented during the first six months of the measurement period or nay time before via **Dx and CPT** Follow standard in-office coding workflow for coding exams



### Document Blood Pressure

Following standard office procedure enter blood pressure into the Vitals Module



## Document Exclusion if Applicable

To document smoking status, follow steps below:

1. Navigate to **History** Module > **Applicable History** category
  - a. Double-click Applicable History Item
  - b. Enter **Occur Date**

Category	Item	Comments	Smoking Status	Occur Date	Date Entered	Source
Health Maintenance Screening	Current Pregnancy	Due Date: 6/4/2022		01/12/2022	1/12/2022 11:14 AM	gloEMR

Category	Item	Comments	Smoking Status	Occur Date	Date Entered	Source
Past Medical History	Renal Disease - End Stage			10/05/2021	1/12/2022 11:17 AM	gloEMR

Category	Item	Comments	Smoking Status	Occur Date	Date Entered	Source
Surgical History	Kidney Transplant			08/17/2021	1/12/2022 11:19 AM	gloEMR

Category	Item	Comments	Smoking Status	Active	Occur Date	Date Entered	Source
Health Maintenance Screening	Hospice Care				01/19/2022	1/19/2022 9:21 AM	gloEMR

Category	Item	Comments	Smoking Status	Active	Occur Date	Date Entered	Source
Health Maintenance Screening	Palliative Care				10/20/2022	10/20/2022 10:50 AM	gloEMR

## Incrementing Details

### Occur Dates

To increment ANY measure using the History Module the Occur Date MUST be documented using appropriate date based upon Measure Description.

### Exam Coding

If exam notes (Past Exams) are not coded with Diagnosis Code and CPT code measures will not increment.

### Measure Specific Codes

The codification shown in this document are examples of qualifying documentation. To see a full list please visit [Value Set Authority Center](#).

### CMS Guidance \*

- In reference to the numerator element, only blood pressure readings performed by a clinician, or a remote monitoring device are acceptable for numerator compliance with this measure. This includes blood pressures taken in person by a clinician and blood pressures measured remotely by electronic monitoring devices capable of transmitting the blood pressure data to the clinician. Blood pressure readings taken by a remote monitoring device and conveyed by the patient to the clinician are also acceptable. It is the clinician's responsibility and discretion to confirm the remote monitoring device used to obtain the blood pressure is considered acceptable and reliable and whether the blood pressure reading is considered accurate before documenting it in the patient's medical record.
- Do not include BP readings taken during an acute inpatient stay or an ED visit.
- If no blood pressure is recorded during the measurement period, the patient's blood pressure is assumed "not controlled".
- If there are multiple blood pressure readings on the same day, use the lowest systolic and the lowest diastolic reading as the most recent blood pressure reading.
- Ranges and thresholds do not meet criteria for this measure. A distinct numeric result for both the systolic and diastolic BP reading is required for numerator compliance.
- This [eCQM](#) is a patient-based measure