

Controlling High Blood Pressure eCQM CMS165v12

Last modified on 10/08/2024 1:37 pm EDT

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.

Guidance

In reference to the numerator element, only blood pressure readings performed by a clinician or an automated blood pressure monitor or 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 an automated blood pressure monitor or device and conveyed by the patient to the clinician are also acceptable. It is the clinician's responsibility and discretion to confirm the an automated blood pressure monitor or 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.

This version of the eCQM uses QDM version 5.6. Please refer to the eCQI resource center (<https://ecqi.healthit.gov/qdm>) for more information on the QDM.

Initial Population

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

Date of birth information can be entered in DrChrono in the patient chart under the **Demographics** tab with the **Patient's Date of Birth**.

AND

A Patient encounter during the performance period (**CPT or HCPCS**)

CPT

99201, 99202, 99203, 99204, 99205, 99211, 99212, 99213, 99214, 99215, 99241, 99242, 99243, 99244, 99245, 99341, 99342, 99343, 99344, 99345, 99347, 99348, 99349, 99350, 99381, 99382, 99383, 99384, 99385, 99386, 99387, 99391, 99392, 99393, 99394, 99395, 99396, 99397, 99401, 99402, 99403, 99404, 99411, 99412, 99429, 99455, 99456, 99483

HCPCS

G0162, G0299, G0300, G0402, G0438, G0439, G0463, G0493, G0494, S0271, S0311, S9123, S9124, T1000, T1001, T1002, T1003, T1004, T1005, T1015, T1019, T1020, T1021, T1022, T1030, T1031

CPT and HCPCS codes can be entered into the billing section for the encounter. Below is an example from the appointment window.

Appointment **Billing** Eligibility Vitals Growthcharts Flags Log Comm. Revisions Custom Data MU Helper

Institutional Claim Patient SuperBill Clinical Note Billing Details Other Forms

Billing Status

ICD Version

Patient Payment \$ 0 Copay: \$20

Pre Authorization Approval

Referral #

Payment Profile

Billing Profile

Billing Pick List

Diagnosis Pick List

Credit Card Payment

HCFA Box 10 - Is patient's condition related to:

Employment

Auto Accident

Other Accident

Onset Date Type

Onset Date

Other Date Type

Other Date

Claim Billed: \$145.00 Adjustment: \$0.00 Insurer Paid: \$0.00 Patient Paid: \$0.00

ICD-10 Codes

#	Code	Description

ICD-9 Codes to Convert

#	Code	Description

NDC Codes

NDC Code	Quantity	Units	Line Item

Custom Codes

Code	Description	Price (\$)

CPT Codes

Code	Description	Price (\$)
1 99213	OFFICE O/P EST LOW 20-29 MIN	145.00
Modifiers: <input type="text" value="---"/> <input type="text" value="---"/> <input type="text" value="---"/> <input type="text" value="---"/>		
Quantity/Minutes: <input type="text" value="1.00"/>		
Diagnosis Pointers: <input type="text" value="1:0:0:0"/>		

HCPCS Codes

Code	Description	Price (\$)
1 G0438	Ppps initial visit	0.00
Modifiers: <input type="text" value="---"/> <input type="text" value="---"/> <input type="text" value="---"/> <input type="text" value="---"/>		

AND

A diagnosis of essential hypertension starting before or continuing into or starting during the first 6 months of the measurement period.

Schedule Appointment

Appointment **Billing** Eligibility Vitals Growthcharts Flags Log Comm. Revisions Custom Data MU Helper

Institutional Claim

Patient SuperBill Clinical Note Billing Details Other Forms

Billing Status <input type="text"/>	HCFA Box 10 - Is patient's condition related to:
ICD Version <input type="text" value="ICD-10"/>	Employment <input type="text" value="No"/>
Patient Payment \$ <input type="text" value="0"/> Copay: \$20 <input type="text"/>	Auto Accident <input type="text" value="No"/>
Pre Authorization Approval <input type="text"/>	Other Accident <input type="text" value="No"/>
Referral # <input type="text"/>	Onset Date Type <input type="text" value="Onset of Current Symptoms o"/>
Payment Profile <input type="text" value="Insurance"/>	Onset Date <input type="text"/>
Billing Profile <input type="text"/>	Other Date Type <input type="text" value="- Other Date Type -"/>
Billing Pick List <input type="text" value="Choose Codes from Pick List"/>	Other Date <input type="text"/>
Diagnosis Pick List <input type="text" value="Choose Codes from Pt Problems"/>	
Credit Card Payment <input type="text" value="Process Credit Card"/>	

Claim Billed: \$0.00 Adjustment: \$0.00 Insurer Paid: \$0.00 Patient Paid: \$0.00

ICD-10 Codes <input type="text" value="Find Diagnosis codes"/>	CPT Codes <input type="text" value="Find CPT Procedure codes"/>									
<table><thead><tr><th>#</th><th>Code</th><th>Description</th></tr></thead><tbody><tr><td>1</td><td>I10</td><td>Essential (primary) hypertension</td></tr></tbody></table>	#	Code	Description	1	I10	Essential (primary) hypertension	<table><thead><tr><th>Code</th><th>Description</th><th>Price (\$)</th></tr></thead></table>	Code	Description	Price (\$)
#	Code	Description								
1	I10	Essential (primary) hypertension								
Code	Description	Price (\$)								
	HCPCS Codes <input type="text" value="Find HCPCS Procedure codes"/>									

Denominator

Equals initial population

Denominator Exclusions

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 66 and older by the end of the measurement period who are living long-term in a nursing home at any time on or before the end of the measurement period.

Exclude patients 66-80 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

Exclude patients 81 and older by the end of the measurement period with an indication of frailty for any part of the measurement period.

Exclude patients receiving palliative care for any part of the measurement period.

Denominator Exceptions

None

Numerator

Patients whose most recent blood pressure is adequately controlled (systolic blood pressure less than

140 mmHg and diastolic blood pressure less than 90 mmHg) during the measurement period.

Blood pressure can be documented in the **Vitals** section of the appointment window or clinical note.

Schedule Appointment ✕

Appointment | Billing | Eligibility | **Vitals** | Growthcharts | Flags | Log Comm. | Revisions | Custom Data | MU Helper

Units Full Vitals History (pdf) Full Vitals History (csv)

System Vitals Note Rendering Options: Newest to oldest | Date on side |

Name	03/22/2023 11:10 AM	03/23/2023 11:30 AM	03/24/2023 11:10 AM	03/28/2023 01:40 PM	03/30/2023 11:30 AM	Current Visit 04/05/2023 at 11:30 AM
Temperature (f)					98.60	<input type="text"/>
Pulse (bpm)					88	<input type="text"/>
Blood Pressure (mmHg)						<input type="text" value="139"/> / <input type="text" value="78"/>
Respiratory Rate (rpm)						<input type="text"/>
Oxygen Saturation (%)						<input type="text"/>
Height (in)					56.00	<input type="text"/>
Weight (lbs)					126.00	<input type="text"/>
BMI (kg/m2)					28.25	<input type="text"/>
Pain (0-10)						<input type="text"/>
Smoking Status						<input type="text" value=""/>
Head Circumference (in)						<input type="text"/>

The vitals are saved with the visit, and can also be seen in the **Physical Exam** section of the patient's CQMs tab in their chart with the relevant LOINC codes.

Drug Interactions 13

CQMs Physical Exam + New

Datetime	Code	Description	Value	Units
Apr 5, 2023	LOINC: 8480-6	Systolic blood pressure	139	
Apr 5, 2023	LOINC: 8462-4	Diastolic blood pressure	78	

Numerator Exclusions

None

[Measurement Information](#)