



CMS 2025 Measure 22 v13

for NextGen[®] HQM

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Overview

Measure Name

CMS 22 v13: Preventive Care and Screening: Screening for High Blood Pressure and Follow-Up Documented

Description

Percentage of patient visits for patients aged 18 years and older seen during the measurement period who are screened for high blood pressure AND a recommended follow-up plan is documented, as indicated, if blood pressure is elevated or hypertensive.

Definition

Blood Pressure (BP) Classification: BP is defined by four (4) BP reading classifications: Normal, Elevated, First Hypertensive, and Second Hypertensive Readings

- **Normal BP:** Systolic BP (SBP) < 120 mmHg AND Diastolic BP (DBP) < 80 mmHg
- **Elevated BP:** SBP of 120-129 mmHg AND DBP < 80 mmHg
- **First Hypertensive Reading:** SBP of ≥ 130 mmHg OR DBP of ≥ 80 mmHg without a previous SBP of ≥ 130 mmHg OR DBP of ≥ 80 mmHg during the 12 months prior to the encounter
- **Second Hypertensive Reading:** Requires a SBP ≥ 130 mmHg OR DBP ≥ 80 mmHg during the current encounter AND a most recent BP reading within the last 12 months SBP ≥ 130 mmHg OR DBP ≥ 80 mmHg

Recommended BP Follow-Up: The 2017 Guideline for the Prevention, Detection, Evaluation and Management of High Blood Pressure in Adults from the American College of Cardiology and American Heart Association recommends BP screening thresholds as defined under Blood Pressure Classifications and recommends interventions based on the current BP reading as listed in the "Recommended Blood Pressure Follow-Up Interventions" below (Whelton et al., 2018).

The time periods for follow-up actions specified for the elevated and the second hypertensive (130-139 DBP OR 80-89SBP) BP classifications slightly differ from time periods given in the 2017 Guideline. This allows for clinician discretion due to patient condition and stability of the measure specification over time.

The types of Recommended Nonpharmacologic Interventions, such as lifestyle modifications, are listed following the section on "Recommended Follow-Up Interventions" based on BP Classification,

Recommended Blood Pressure Follow-Up Interventions:

- **Normal BP:** No follow-up required for Systolic BP < 120 mmHg AND Diastolic BP <80 mmHg
- **Elevated BP:** Patients with SBP of 120-129 mmHg AND DBP < 80 mmHg
 - Referral to Alternate/Primary Care Health Care Professional

OR

- Follow-up with rescreen within 6 months AND recommend nonpharmacologic interventions
 - **First Hypertensive BP Reading:** Patients with one elevated reading of SBP ≥ 130 mmHg OR DBP ≥ 80 mmHg:
 - Referral to Alternate/Primary Care Health Care Professional

OR

- Follow-up with rescreen within 4 weeks AND recommend nonpharmacologic interventions
 - **Second Hypertensive BP Reading:**
 - Second Hypertensive BP Reading: Patients with second elevated reading of SBP of 130-139 mmHg OR DBP of 80-89 mmHg (and not SBP ≥140 OR DBP ≥90):
- Referral to Alternate/Primary Care Healthcare Professional

OR

- Nonpharmacologic intervention AND reassessment within 6 months AND an order for a laboratory test or ECG for hypertension
 - Second Hypertensive BP Reading: SBP ≥140 or DBP ≥90:
- Referral to Alternate/Primary Care Healthcare Professional

OR

- Nonpharmacologic intervention AND BP-lowering medication
AND reassessment within 4 weeks AND an order for a laboratory test or ECG for hypertension

The 2017 Guideline outlines nonpharmacologic interventions (lifestyle modifications) which must include one or more of the following as indicated:

- Weight Reduction
- A heart-healthy diet, such as Dietary Approaches to Stop Hypertension (DASH) Eating Plan
- Dietary Sodium Restriction
- Increased Physical Activity
- Moderation in alcohol consumption

Guidance

This eCQM is an episode-based measure. An episode is defined as each eligible encounter for patients aged 18 years and older during the measurement period. This measure should be reported for every visit. The measure requires that blood pressure measurements (i.e., diastolic and systolic) be obtained during each visit in order to determine the blood pressure reading used to evaluate if an intervention is needed.

Both the systolic and diastolic blood pressure measurements are required for inclusion. If there are multiple blood pressures obtained during a patient visit, only the last, or most recent, pressure measurement will be used to evaluate the measure requirements.

The intent of this measure is to screen patients for high blood pressure and provide recommended follow-up as indicated. The documented follow-up plan must be related to the current blood pressure reading as indicated, example: "Patient referred to primary care provider for BP management."

Telehealth encounters are not eligible for this measure because the measure requires a clinical action that cannot be conducted via telehealth.

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.

Reporting Period

January 1st, 20xx to December 31st, 20xx

NextGen HQM Supported Versions

The NextGen[®] HQM supported versions are the following:

- NextGen[®] Adaptive Content Engine 8.4.x and higher
- NextGen[®] Enterprise EHR Cures 6.2021.1 (with Patch 79) and higher

Note: Within each workflow, you must verify the specific NextGen Adaptive Content Engine or NextGen Enterprise EHR versions required.

NextGen HQM Supported Browsers

NextGen Healthcare supports the following third-party web browsers for NextGen HQM:

- Google Chrome[™]: current plus one previous major version
 - Windows[®], macOS[®], iOS[®], Android[™]
- Microsoft Edge[®] for Windows 10: current plus one previous version
 - Windows, macOS, iOS, Android
- Firefox[®]: current plus one previous major version
 - Windows, macOS, iOS, Android

- Safari®: current plus one previous major version
 - Windows, macOS, iOS, Android

Initial Population Workflow

Data elements for the Initial Population for this measure are also captured in the Procedures, Problems, and Diagnosis modules, in addition to the Person table.

Document BP Screening Encounter: SNOMED Visit Type Window, NextGen Adaptive Content Engine 8.4.x and Higher

1. From the ***Intake** template, select the **Finalize** tab, and then select the **SNOMED Visit Type (optional)** link to open the **SNOMED Visit Type** window.
2. Search for and select a qualifying **Encounter to Screen for Blood Pressure** SNOMED® code from the List of Values for Initial Population.
3. Select **Save & Close**.

Note: This workflow is not required. It is an alternative to using the Procedures module to document a qualifying encounter.

07/05/2016 11:25 AM : "Finalize" x

Specialty Family Practice Visit Type Office Visit

Contagion Risk 0 HCC 0

Intake Histories SOAP Finalize Checkout

Order Management Document Library Procedures Tobacco Cessation

Care Guidelines

General

Today's Assessment

#	Diagnosis Description	Code
1	Constipation, unspecified	K59.00

Provider Sign Off

Evaluation and Management

Medical Decision Making

☐ Straight forward
☐ Moderate complexity

Selected SNOMED visit type: Weekend visit (procedure)

Save & Close Cancel

Evaluation and Management Code

Visit code: [] [] []

Additional E&M Code View Other Codes SNOMED Visit Type (optional)

List of Values for Initial Population

CPT

List of Encounter to Screen for Blood Pressure CPT Codes					
G0101	G0402	G0438	G0439	G0270	D3921
D7111	D7140	D7210	D7220	D7230	D7240
D7241	D7250	D7251	90791	90792	92002
92004	92012	92014	92537	92538	92540
92541	92542	92544	92545	92546	92625
97802	97803	99202	99203	99204	99205
99212	99213	99214	99215	99236	99281
99282	99283	99284	99285	99304	99305
99306	99307	99308	99309	99310	99315
99316	99341	99342	99344	99345	99347
99348	99349	99350	99385	99386	99387
99395	99396	99397	99424	99491	

MISC

List of Telehealth Modifier Codes			
GQ	GT	95	02

SNOMED

List of Encounter to Screen for Blood Pressure SNOMED Codes	
Description	Code
Patient status observation (procedure)	103705002
Evaluation AND/OR management - new patient (procedure)	108220007
Evaluation AND/OR management - established patient (procedure)	108221006
Preventive patient evaluation (procedure)	108224003
Subsequent hospital visit by physician (procedure)	12843005
Manual examination of breast (procedure)	13607009
History and physical examination with evaluation and management of patient (procedure)	14736009
Assessment of nutritional status (procedure)	1759002

List of Encounter to Screen for Blood Pressure SNOMED Codes	
Description	Code
Subsequent nursing facility visit (procedure)	18170008
Encounter for check up (procedure)	185349003
Visit out of hours (procedure)	185463005
Weekend visit (procedure)	185465003
History and physical examination with evaluation and management of nursing facility patient (procedure)	207195004
History and physical examination with management of domiciliary or rest home patient (procedure)	209099002
Domiciliary or rest home patient evaluation and management (procedure)	210098006
Patient-initiated encounter (procedure)	270427003
Provider-initiated encounter (procedure)	270430005
Discharge from day hospital (procedure)	306677009
Patient encounter procedure (procedure)	308335008
Nutritional assessment (procedure)	310243009
Manual pelvic examination (procedure)	35025007
Follow-up encounter (procedure)	390906007
Urgent follow-up (procedure)	406547006
Nutrition care management (procedure)	410172000
Home visit (procedure)	439708006
Emergency department patient visit (procedure)	4525004
Examination of breast (procedure)	46662001
Evaluation and management of patient at home (procedure)	50357006
Hospital admission, for observation (procedure)	76464004
History and physical examination, annual for health maintenance (procedure)	78318003
Gynecologic examination (procedure)	83607001
Periodic reevaluation and management of healthy individual (procedure)	86013001
Initial evaluation and management of healthy individual (procedure)	90526000
Nutrition care management (procedure)	410172000

List of Encounter to Screen for Blood Pressure SNOMED Codes	
Description	Code
Assessment of nutritional status (procedure)	1759002
Nutritional assessment (procedure)	310243009
Medical nutrition therapy; reassessment and subsequent intervention(s) following second referral in same year for change in diagnosis, medical condition or treatment regimen (including additional hours needed for renal disease), individual, face to face with the patient, each 15 minutes	G0270

Denominator Workflow

The denominator is equal to the initial population.

Denominator Exclusion Workflow

All data elements for the denominator exclusions for this measure are captured in the Diagnosis and Problems modules.

List of Values for Denominator Exclusions

ICD

List of Diagnosis of Hypertension ICD-10 Codes					
H35.031	H35.032	H35.033	I10	I11.0	I11.9
I12.0	I12.9	I13.0	I13.10	I13.11	I13.2
I15.0	I15.1	I15.2	I15.8	I15.9	I27.0
I27.20	I27.21	I27.22	I27.23	I27.24	I27.29

SNOMED

List of Diagnosis of Hypertension SNOMED Codes				
10725009	10964002	1201005	123799005	123800009
14973001	194783001	194785008	194788005	194791005
19769006	23130000	233815004	233941006	233942004
233943009	233944003	233945002	233946001	234072000
234073005	234075003	237279007	28119000	288250001
31992008	34742003	38341003	39018007	371125006
38341003	39018007	397748008	398254007	4210003
423674003	428575007	429198000	429457004	46481004
46764007	48146000	48194001	52698002	56218007
57684003	59621000	59720008	65518004	68267002
70272006	73410007	74451002	78975002	81626002
84094009	8762007	89242004		

Numerator Workflow

Data elements for the numerator for this measure are also captured in the Diagnosis, Procedures, Orders, Medications and Problems modules.

Workflows for this numerator include how to do the following:

- Document Blood Pressure
- Document Intervention Order: Referral to Alternative Provider / PCP
- Document Intervention Order: Follow up
- Document Intervention Order: Lifestyle Recommendation
- Document Intervention Order: Weight Reduction Recommendation
- Document Intervention Order: Dietary Recommendation
- Document Intervention Order: Physical Activity Recommendation
- Document Intervention Order: Moderation of ETOH Consumption Recommendation

Document Blood Pressure: Adult Vital Signs Window, NextGen Adaptive Content Engine 8.4.x and Higher

1. Open the **Intake** template, and then in the **Vital Signs** section, select **Add**.
2. In the **Blood Pressure and pulse** section, enter the systolic and diastolic blood pressure (BP).
3. In **Measured date**, enter the date of the BP measure.

4. Select **Save**, and then select **Close**.

The screenshot shows the "Adult Vital Signs" - [New Record] form. Key features include:

- Height/length measurements:** Fields for ft, in, total in, cm, and Position (Standing, Lying).
- Weight measurement:** Fields for lb, kg, and Context (Dressed with shoes, Dressed without shoes).
- Temperature:** Fields for F, C, and Site.
- Blood Pressure and pulse:** Fields for Systolic, Diastolic, mm/Hg, Pulse, and Pulse pattern. A red box highlights this section, and a red arrow points to the "Hypertension Plan" link.
- Respiration and Pulse Ox:** Fields for Respiration, Pulse Ox Rest, Pulse Ox Amb, Source, and Method.
- Pain scale:** Fields for Pain score, Method, and Pain Plan.
- Comments:** A text area for additional notes.
- Buttons:** "Clear For Add", "Delete", "Save", and "Close" buttons are at the bottom. A red box highlights the "Save" button.

Document Intervention Order: Referral to Alternative Provider/PCP, Health Promotion Plan, NextGen Adaptive Content Engine 8.4.x and Higher

1. From the ***Intake** template, in the **Vital Signs** section, select the **Health Promotion Plan** link to open the **Health Promotion Plan** window.
2. From the **Plan** field, select **Hypertension Plan**.
3. Select the **Diagnosis** field and add a qualifying **Hypertension** diagnosis code.
4. From the **Referrals** picklist, select **Blood Pressure management** and select any referrals in the **Referrals** field.

Note: In version 8.4.x, select **BP management** from the Referrals picklist.

5. Select the desired timeframe from the **Timeframe** field.

6. Select **Add**.

Health Promotion Plan

Patient's age: 27 Years Blood pressure: 120/81 mm/Hg Exclusions

Plan: Hypertension Plan

Diagnosis: Essential (primary) hypertension Code: I10

Diet: Details: Characters left: 250

Physical activity: Details: Characters left: 250

Referrals: Blood Pressure management Referral to general medical service Timeframe: 6 Months Details: Characters left: 250

Lifestyle: Details: Characters left: 250

Add Update Clear

(Select a row to update or remove)

Status	Order	Diagnosis	Code	Details
ordered	Blood Pressure management: Referral to doctor timeframe: 1 Month.	Essential (primary) hypertension	I10	
ordered	Blood Pressure management: Referral to doctor timeframe: 6 Months.	Essential (primary) hypertension	I10	
ordered	Blood Pressure management: Urgent referral timeframe: 3 Weeks.	Essential (primary) hypertension	I10	

OK Cancel

Document Intervention Order: Follow Up

To support Document Intervention Order: Follow Up reporting for the Numerator for CMS 22 v13, you can use workflows in the NextGen Adaptive Content Engine.

- **Order Timeframe** window
- **Follow-up/Disposition** window

Note: Documentation of Intervention Order: Follow Up can be completed using any of the templates indicated in this section of the document. It is not necessary to document this criterion in all of the specified templates to meet the intent of this measure.

Order Timeframe: NextGen Adaptive Content Engine 8.4.x and Higher

1. In the **My Plan** window, select any option from the **Follow-up visit/ Referral** list. The **Order Timeframe** window opens.
2. Select **Follow up**.
3. In **Reason**, select **Hypertension**.
4. Do one of the following:

- Criteria 1: Follow up within 6 months. For **Time Frame**, select 1 day, 1 week, 1 month, 2 days, 2 months, 2 weeks, 3 days, 3 weeks, 3 months, 4 days, 4 months, 5 days, 5 months, 6 days, 6 months, 6 weeks.
- Criteria 2: Follow up within 4 weeks. From **Time Frame**, select 1 day, 1 month, 1 week, 2 days, 2 weeks, 3 days, 3 weeks, 4 days, 5 days, or 6 days.

5. In **Time limit**, select **in**, **before**, or **within**.

6. In the **My Plan** window, select the corresponding checkbox for the follow-up order.

7. Select **Place Order**.

The screenshot shows the 'My Plan' window with the 'Order Timeframe' dialog open. The 'Follow up' checkbox is selected. The 'Reason' is 'Hypertension'. The 'Time Frame' is set to '6 months'. A red box highlights the 'Follow up' checkbox and the 'Time Frame' dropdown. A red text box says 'Document Follow up within 4 weeks OR Follow up within 6 months'. The 'Place Order' button is highlighted.

Follow-up/Disposition: NextGen Adaptive Content Engine 8.4.x and Higher

1. From the **Assessment Plan Details (A/P Details)** window, select **Follow Up**. The **Follow-up/Disposition** window opens.
2. Select the **follow up** checkbox.
3. In **Reason**, select **Hypertension**.
4. Do one of the following:
 - Criteria 1: Follow up within 6 months. From **Time Frame**, select 1 day, 1 week, 1 month, 2 days, 2 months, 2 weeks, 3 days, 3 weeks, 3 months, 4 days, 4 months, 5 days, 5 months, 6 days, 6 months, 6 weeks.
 - Criteria 2: Follow up within 4 weeks. From **Time Frame**, select 1 day, 1 month, 1 week, 2 days, 2 weeks, 3 days, 3 weeks, 4 days, 5 days, or 6 days.
5. In **Time limit**, select **in**, **before**, or **within**.

6. Select **Place Order**.

Follow-up/Disposition

#	Description	Code
1	Hypertension	110

Follow-up:
 follow-up visit with Test2 Provider for hypertension 1 Month
☒ follow up
 with: Test2 Provider
 Time limit: by this date:
 Reason: hypertension
 Timeframe: 1 month
 Phone number: () -

Disposition:
 Disposition:
☐ Refused
 Reason:
 Timeframe:

Follow-up visit timeframe:
 Today
 1 day
 2 days
 3 days
 4 days
 5 days
 6 days
 1 week
 2 weeks
 3 weeks
 4 weeks
 5 weeks
 6 weeks
 1 month
 2 months
 3 months
 4 months
 5 months
 6 months
 7 months
 8 months
 9 months
 10 months
 11 months
 1 year
 Fall
 Spring
 Summer
 Winter
 1st week of
 2nd week of
 3rd week of
 4th week of

Document Intervention Order: Lifestyle Recommendation, Health Promotion Plan, NextGen Adaptive Content Engine 8.4.x and Higher

1. From the ***Intake** template, in the **Vital Signs** section, select the **Health Promotion Plan** link to open the **Health Promotion Plan** window.
2. In the **Health Promotion Plan** section, from the **Plan** field, select **Hypertension Plan**.
3. Select the appropriate option from the **Diagnosis** list.
4. In the **Lifestyle** field, select **Lifestyle education** or **Hypertension education** to document the lifestyle recommendation.

5. Select **Add**.

The screenshot shows the 'Health Promotion Plan' window. The 'Plan' dropdown is set to 'Hypertension Plan'. The 'Diagnosis' field contains 'Essential (primary) hypertension'. The 'Lifestyle' field is highlighted with a red box. A red arrow points from the 'Lifestyle' field to the 'Add' button at the bottom right. A modal window titled 'Ngkbn Get Dbpicklist Items' is open, showing a list of items including 'Hypertension education', 'Lifestyle education', 'Sedentary lifestyle', 'Target weight discussed', 'Weight control education', and 'Weight loss advised'. A red box highlights 'Hypertension education' and 'Lifestyle education'. A red box with the text 'Document Lifestyle Recommendation' is also present.

Document Intervention Order: Weight Reduction Recommendation, Health Promotion Plan, NextGen Adaptive Content Engine 8.4.x and Higher

1. From the ***Intake** template, in the **Vital Signs** section, select the **Health Promotion Plan** link to open the **Health Promotion Plan** window.
2. In the **Health Promotion Plan** section, from the **Plan** field, select **Hypertension Plan**.
3. Select the appropriate option from the **Diagnosis** list.
4. In the **Lifestyle** field, select **Weight control education** or **Target weight discussed** to document weight reduction recommendation.

5. Select **Add**.

The screenshot shows the 'Health Promotion Plan' window. The 'Plan' field is set to 'Hypertension Plan'. The 'Diagnosis' field is set to 'Essential (primary) hypertension'. The 'Diet' field is empty. The 'Physical activity' field is empty. The 'Referrals' field is empty. The 'Lifestyle' field is empty. The 'Add' button is highlighted with a red box. A modal window titled 'Ngkbn Get Dbpicklist Items' is open, displaying a list of items. The 'Target weight discussed' item is highlighted with a red box. A red arrow points from the 'Add' button to the modal window. A red box also highlights the 'Target weight discussed' item in the modal window.

Document Intervention Order: Dietary Recommendation, Health Promotion Plan, NextGen Adaptive Content Engine 8.4.x and Higher

1. From the ***Intake** template, in the **Vital Signs** section, select the **Health Promotion Plan** link to open the **Health Promotion Plan** window.
2. In the **Health Promotion Plan** section, from the **Plan** field, select **Hypertension Plan**.
3. Select the appropriate option from the **Diagnosis** list.
4. In the **Diet** field, select any qualifying dietary recommendation from the list.

5. Select **Add**.

The screenshot shows the 'Health Promotion Plan' window. At the top, it says 'Health Promotion Plan' and 'Panel Control: Toggle, Cycle'. Below that, it shows 'Patient's age: 32 Years' and 'Blood pressure: mm/Hg'. The 'Plan' field is set to 'Hypertension Plan'. The 'Diagnosis' field is 'Essential (primary) hypertension' with a 'Code' of 'I10'. The 'Diet' field is 'Diet education (procedure)'. The 'Physical activity' field is empty, and a red box with the text 'Document Dietary Recommendation' is overlaid on it. The 'Referrals' field is empty. The 'Lifestyle' field is empty. At the bottom right, there is an 'Add' button, an 'Update' button, and a 'Clear' button. The 'Add' button is highlighted with a red box. At the bottom, there is a note '(Select a row to update or remove)' and 'OK' and 'Cancel' buttons.

Document Intervention Order: Physical Activity Recommendation, Health Promotion Plan, NextGen Adaptive Content Engine 8.4.x and Higher

1. From the ***Intake** template, in the **Vital Signs** section, select the **Health Promotion Plan** link to open the **Health Promotion Plan** window.
2. In the **Health Promotion Plan** section, from the **Plan** field, select **Hypertension Plan**.
3. Select the appropriate option from the **Diagnosis** list.
4. Select a physical activity recommendation from the **Physical activity** list.

5. Select **Add**.

The screenshot displays the 'Health Promotion Plan' window. The 'Plan' dropdown is set to 'Hypertension Plan', and the 'Diagnosis' field contains 'Essential (primary) hypertension'. The 'Physical activity' field is highlighted with a red box, and a red arrow points to it from a modal window titled 'Ngkbn Get Dbpicklist Items'. This modal window lists several options, with 'Document Physical Activity Recommendation' highlighted in a red box. At the bottom of the main window, the 'Add' button is highlighted with a red box.

Document Intervention Order: Moderation of ETOH Consumption Recommendation, Health Promotion Plan in NextGen Adaptive Content Engine 8.4.x and Higher

1. From the ***Intake** template, in the **Vital Signs** section, select the **Health Promotion Plan** link to open the **Health Promotion Plan** window.
2. In the **Health Promotion Plan** section, from the **Plan** field, select **Hypertension Plan**.
3. Select the appropriate option from the **Diagnosis** list.
4. In the **Lifestyle** field, select **Counseling about alcohol consumption** to document a Moderation of ETOH Consumption Recommendation.

5. Select **Add**.

The screenshot displays the 'Health Promotion Plan' window. The patient's age is 60 Years and blood pressure is 145/88 mm/Hg. The plan is set to 'Hypertension Plan' and the diagnosis is 'Essential (primary) hypertension'. The 'Lifestyle' field is highlighted with a red box, and a red arrow points from it to the 'Add' button in the 'Ngkbn Get Dbpicklist Items' dialog. The dialog lists several items, with 'Counseling about alcohol consumption' highlighted. A red box with the text 'Document Moderation of ETOH Consumption Recommendation' is overlaid on the dialog. The 'Add' button is highlighted with a red box.

Health Promotion Plan

Panel Control: Toggle Cycle

Health Promotion Plan

Patient's age: 60 Years Blood pressure: 145/88 mm/Hg Exclusions

Plan: Hypertension Plan

Diagnosis: Essential (primary) hypertension

Diet: Details: Characters left: 250

Physical activity: Details: Characters left: 250

Referrals: Details: Characters left: 250

Lifestyle: Details: Characters left: 250

Ngkbn Get Dbpicklist Items

List Item

- Counseling about alcohol consumption
- Hypertension education
- Lifestyle education
- Sedentary lifestyle
- Target weight discussed
- Weight control education
- Weight loss advised

Document Moderation of ETOH Consumption Recommendation

Refresh OK Cancel

Add Update Clear

(Select a row to update or remove)

OK Cancel

List of Values for Numerator

CPT

List of Dietary Recommendations CPT Codes	
S9452	S9470

List of Recommendation to Increase Physical Activity CPT Codes
S9451

List of Weight Reduction Recommended CPT Code					
G0270	G0271	G0447	G0473	S9449	S9451
S9452	S9470				

ICD

List of Dietary Recommendations ICD-10 Code
Z71.3

List of Finding of Elevated Blood Pressure or Hypertension ICD-10 Code
R03.0

LOINC

List of Diastolic Blood Pressure Direct Reference LOINC Code
8462-4

List of 12 Lead EKG Panel Direct Reference LOINC Code
34534-8

List of EKG study Direct Reference LOINC Code
11524-6

List of Laboratory Tests for Hypertension LOINC Codes

24320-4	24321-2	24323-8	24356-8	24357-6
24362-6	2888-6	57021-8	57782-5	58410-2

List of Systolic Blood Pressure Direct Reference LOINC Code

8480-6

RxNorm**List of Pharmacologic Therapy for Hypertension RxNorm Codes**

Description	Code
amlodipine5 MG / hydrochlorothiazide 25 MG / olmesartan medoxomil 40 MG Oral Tablet	1000001
aliskiren150 MG / hydrochlorothiazide 12.5 MG Oral Tablet	1011710
aliskiren150 MG / hydrochlorothiazide 25 MG Oral Tablet	1011713
aliskiren150 MG Oral Tablet	1011736
aliskiren300 MG Oral Tablet	1011739
aliskiren300 MG / hydrochlorothiazide 12.5 MG Oral Tablet	1011750
aliskiren300 MG / hydrochlorothiazide 25 MG Oral Tablet	1011753
12HR clonidine hydrochloride 0.1 MG Extended Release Oral Tablet	1013930
spironolactone5 MG/ML Oral Suspension	104232
azilsartanmedoxomil 40 MG Oral Tablet	1091646
azilsartanmedoxomil 80 MG Oral Tablet	1091652
4ML labetalol hydrochloride 5 MG/ML Cartridge	1234256
azilsartanmedoxomil 40 MG / chlorthalidone 12.5 MG Oral Tablet	1235144
azilsartanmedoxomil 40 MG / chlorthalidone 25 MG Oral Tablet	1235151
betaxololhydrochloride 10 MG Oral Tablet	1297753
betaxololhydrochloride 20 MG Oral Tablet	1297757
hydrochlorothiazide12.5 MG / moexipril hydrochloride 15 MG Oral Tablet	1299859

List of Pharmacologic Therapy for Hypertension RxNorm Codes	
Description	Code
hydrochlorothiazide12.5 MG / moexipril hydrochloride 7.5 MG Oral Tablet	1299871
hydrochlorothiazide25 MG / moexipril hydrochloride 15 MG Oral Tablet	1299890
moexiprilhydrochloride 15 MG Oral Tablet	1299896
moexiprilhydrochloride 7.5 MG Oral Tablet	1299897
enalaprilmaleate 1 MG/ML Oral Solution	1435624
propranololhydrochloride 4.28 MG/ML Oral Solution	1495058
candesartancilexetil 4 MG Oral Tablet	153822
candesartancilexetil 8 MG Oral Tablet	153823
amlodipine10 MG / perindopril arginine 14 MG Oral Tablet	1600716
amlodipine2.5 MG / perindopril arginine 3.5 MG Oral Tablet	1600724
amlodipine5 MG / perindopril arginine 7 MG Oral Tablet	1600728
metoprololtartrate 37.5 MG Oral Tablet	1606347
metoprololtartrate 75 MG Oral Tablet	1606349
sacubitril24 MG / valsartan 26 MG Oral Tablet	1656340
sacubitril49 MG / valsartan 51 MG Oral Tablet	1656349
sacubitril97 MG / valsartan 103 MG Oral Tablet	1656354
2ML verapamil hydrochloride 2.5 MG/ML Injection	1665057
4ML verapamil hydrochloride 2.5 MG/ML Injection	1665061
10ML furosemide 10 MG/ML Injection	1719286
2ML furosemide 10 MG/ML Injection	1719290
4ML furosemide 10 MG/ML Injection	1719291
4ML bumetanide 0.25 MG/ML Injection	1727569
2ML bumetanide 0.25 MG/ML Injection	1727572
1ML enalaprilat 1.25 MG/ML Injection	1729200
2ML enalaprilat 1.25 MG/ML Injection	1729205
50ML clevidipine 0.5 MG/ML Injection	1790239

List of Pharmacologic Therapy for Hypertension RxNorm Codes	
Description	Code
100ML clevidipine 0.5 MG/ML Injection	1790245
250ML clevidipine 0.5 MG/ML Injection	1790247
5ML diltiazem hydrochloride 5 MG/ML Injection	1791229
10ML diltiazem hydrochloride 5 MG/ML Injection	1791232
25ML diltiazem hydrochloride 5 MG/ML Injection	1791233
diltiazemhydrochloride 100 MG Injection	1791240
nebivolol5 MG / valsartan 80 MG Oral Tablet	1798281
lisinopril1 MG/ML Oral Solution	1806884
Osmotic24 HR nifedipine 30 MG Extended Release Oral Tablet	1812011
Osmotic24 HR nifedipine 60 MG Extended Release Oral Tablet	1812013
Osmotic24 HR nifedipine 90 MG Extended Release Oral Tablet	1812015
amlodipine5 MG Oral Tablet	197361
atenolol100 MG Oral Tablet	197379
atenolol25 MG Oral Tablet	197380
atenolol50 MG Oral Tablet	197381
atenolol100 MG / chlorthalidone 25 MG Oral Tablet	197382
atenolol50 MG / chlorthalidone 25 MG Oral Tablet	197383
bumetanide0.5 MG Oral Tablet	197417
bumetanide1 MG Oral Tablet	197418
bumetanide2 MG Oral Tablet	197419
captopril25 MG / hydrochlorothiazide 15 MG Oral Tablet	197436
captopril25 MG / hydrochlorothiazide 25 MG Oral Tablet	197437
captopril50 MG / hydrochlorothiazide 15 MG Oral Tablet	197438
captopril50 MG / hydrochlorothiazide 25 MG Oral Tablet	197439
chlorothiazide250 MG Oral Tablet	197475
chlorothiazide500 MG Oral Tablet	197476

List of Pharmacologic Therapy for Hypertension RxNorm Codes	
Description	Code
chlorthalidone25 MG Oral Tablet	197499
chlorthalidone50 MG Oral Tablet	197500
doxazosin1 MG Oral Tablet	197625
doxazosin2 MG Oral Tablet	197626
doxazosin4 MG Oral Tablet	197627
doxazosin8 MG Oral Tablet	197628
furosemide10 MG/ML Oral Solution	197730
furosemide8 MG/ML Oral Solution	197731
furosemide80 MG Oral Tablet	197732
guanfacine1 MG Oral Tablet	197745
guanfacine2 MG Oral Tablet	197746
hydrochlorothiazide50 MG Oral Tablet	197770
indapamide1.25 MG Oral Tablet	197815
indapamide2.5 MG Oral Tablet	197816
isradipine2.5 MG Oral Capsule	197848
isradipine5 MG Oral Capsule	197849
lisinopril40 MG Oral Tablet	197884
hydrochlorothiazide12.5 MG / lisinopril 10 MG Oral Tablet	197885
hydrochlorothiazide12.5 MG / lisinopril 20 MG Oral Tablet	197886
hydrochlorothiazide25 MG / lisinopril 20 MG Oral Tablet	197887
methyclothiazide5 MG Oral Tablet	197951
methyldopa250 MG Oral Tablet	197956
methyldopa500 MG Oral Tablet	197958
hydrochlorothiazide25 MG / methyldopa 250 MG Oral Tablet	197960
hydrochlorothiazide15 MG / methyldopa 250 MG Oral Tablet	197963
metolazone10 MG Oral Tablet	197978
metolazone2.5 MG Oral Tablet	197979
minoxidil10 MG Oral Tablet	197986

List of Pharmacologic Therapy for Hypertension RxNorm Codes	
Description	Code
minoxidil2.5 MG Oral Tablet	197987
bendroflumethiazide5 MG / nadolol 40 MG Oral Tablet	198000
bendroflumethiazide5 MG / nadolol 80 MG Oral Tablet	198001
nadolol20 MG Oral Tablet	198006
nadolol40 MG Oral Tablet	198007
nadolol80 MG Oral Tablet	198008
nifedipine10 MG Oral Capsule	198032
nifedipine20 MG Oral Capsule	198033
24HR nifedipine 30 MG Extended Release Oral Tablet	198034
24HR nifedipine 60 MG Extended Release Oral Tablet	198035
24HR nifedipine 90 MG Extended Release Oral Tablet	198036
pindolol10 MG Oral Tablet	198104
pindolol5 MG Oral Tablet	198105
prazosin5 MG Oral Capsule	198141
ramipril2.5 MG Oral Capsule	198188
ramipril5 MG Oral Capsule	198189
spironolactone100 MG Oral Tablet	198222
spironolactone50 MG Oral Tablet	198223
hydrochlorothiazide25 MG / spironolactone 25 MG Oral Tablet	198224
hydrochlorothiazide50 MG / spironolactone 50 MG Oral Tablet	198225
timolol10 MG Oral Tablet	198284
timolol20 MG Oral Tablet	198285
timolol5 MG Oral Tablet	198286
triamterene100 MG Oral Capsule	198312
triamterene50 MG Oral Capsule	198313
hydrochlorothiazide25 MG / triamterene 50 MG Oral Capsule	198314

List of Pharmacologic Therapy for Hypertension RxNorm Codes	
Description	Code
hydrochlorothiazide25 MG / triamterene 37.5 MG Oral Capsule	198316
torsemide10 MG Oral Tablet	198369
torsemide100 MG Oral Tablet	198370
torsemide20 MG Oral Tablet	198371
torsemide5 MG Oral Tablet	198372
trandolapril2 MG Oral Tablet	199351
trandolapril4 MG Oral Tablet	199352
trandolapril1 MG Oral Tablet	199353
valsartan4 MG/ML Oral Solution	1996254
hydrochlorothiazide12.5 MG Oral Capsule	199903
24HR metoprolol succinate 100 MG Extended Release Oral Capsule	1999031
24HR metoprolol succinate 200 MG Extended Release Oral Capsule	1999033
24HR metoprolol succinate 25 MG Extended Release Oral Capsule	1999035
24HR metoprolol succinate 50 MG Extended Release Oral Capsule	1999037
carvedilol6.25 MG Oral Tablet	200031
carvedilol12.5 MG Oral Tablet	200032
carvedilol25 MG Oral Tablet	200033
irbesartan75 MG Oral Tablet	200094
irbesartan150 MG Oral Tablet	200095
irbesartan300 MG Oral Tablet	200096
hydrochlorothiazide12.5 MG / valsartan 80 MG Oral Tablet	200284
hydrochlorothiazide12.5 MG / valsartan 160 MG Oral Tablet	200285
amlodipine2.5 MG / celecoxib 200 MG Oral Tablet	2047715
amlodipine5 MG / celecoxib 200 MG Oral Tablet	2047716
amlodipine10 MG / celecoxib 200 MG Oral Tablet	2047717
telmisartan40 MG Oral Tablet	205304

List of Pharmacologic Therapy for Hypertension RxNorm Codes	
Description	Code
telmisartan80 MG Oral Tablet	205305
lisinopril30 MG Oral Tablet	205326
amlodipine1 MG/ML Oral Suspension	2184120
4ML labetalol hydrochloride 5 MG/ML Injection	2477889
200ML labetalol hydrochloride 1 MG/ML Injection	2479564
100ML labetalol hydrochloride 1 MG/ML Injection	2479566
300ML labetalol hydrochloride 1 MG/ML Injection	2479567
ramipril2.5 MG Oral Tablet	251856
ramipril5 MG Oral Tablet	251857
125ML diltiazem hydrochloride 1 MG/ML Injection	2586034
250ML diltiazem hydrochloride 1 MG/ML Injection	2586036
torsemide40 MG Oral Tablet	2589881
torsemide60 MG Oral Tablet	2589885
2ML labetalol hydrochloride 5 MG/ML Prefilled Syringe	2598343
amlodipine1 MG/ML Oral Solution	2599173
terazosin10 MG Oral Capsule	260376
ramipril10 MG Oral Capsule	261962
10ML furosemide 8 MG/ML Cartridge	2621022
bumetanide0.25 MG/ML Injectable Solution	282486
telmisartan20 MG Oral Tablet	282755
hydrochlorothiazide12.5 MG / telmisartan 40 MG Oral Tablet	283316
hydrochlorothiazide12.5 MG / telmisartan 80 MG Oral Tablet	283317
amlodipine10 MG Oral Tablet	308135
amlodipine2.5 MG Oral Tablet	308136
captopril100 MG Oral Tablet	308962
captopril12.5 MG Oral Tablet	308963
captopril50 MG Oral Tablet	308964
chlorothiazide50 MG/ML Oral Suspension	309198
eprosartan600 MG Oral Tablet	310140
furosemide20 MG Oral Tablet	310429

List of Pharmacologic Therapy for Hypertension RxNorm Codes	
Description	Code
hydrochlorothiazide12.5 MG / irbesartan 150 MG Oral Tablet	310792
hydrochlorothiazide12.5 MG / irbesartan 300 MG Oral Tablet	310793
hydrochlorothiazide12.5 MG / quinapril 10 MG Oral Tablet	310796
hydrochlorothiazide12.5 MG / quinapril 20 MG Oral Tablet	310797
hydrochlorothiazide25 MG Oral Tablet	310798
hydrochlorothiazide25 MG / quinapril 20 MG Oral Tablet	310809
hydrochlorothiazide25 MG / triamterene 37.5 MG Oral Tablet	310812
hydrochlorothiazide50 MG / triamterene 75 MG Oral Tablet	310818
lisinopril2.5 MG Oral Tablet	311353
lisinopril5 MG Oral Tablet	311354
metolazone5 MG Oral Tablet	311671
24HR nisoldipine 20 MG Extended Release Oral Tablet	311984
24HR nisoldipine 30 MG Extended Release Oral Tablet	311985
prazosin1 MG Oral Capsule	312593
prazosin2 MG Oral Capsule	312594
quinapril10 MG Oral Tablet	312748
quinapril20 MG Oral Tablet	312749
quinapril5 MG Oral Tablet	312750
spironolactone25 MG Oral Tablet	313096
terazosin1 MG Oral Capsule	313215
terazosin2 MG Oral Capsule	313217
terazosin5 MG Oral Capsule	313219
furosemide40 MG Oral Tablet	313988
lisinopril10 MG Oral Tablet	314076
lisinopril20 MG Oral Tablet	314077
quinapril40 MG Oral Tablet	314203

List of Pharmacologic Therapy for Hypertension RxNorm Codes	
Description	Code
captopril25 MG Oral Tablet	317173
valsartan80 MG Oral Tablet	349199
valsartan320 MG Oral Tablet	349200
valsartan160 MG Oral Tablet	349201
hydrochlorothiazide25 MG / valsartan 160 MG Oral Tablet	349353
olmesartanmedoxomil 5 MG Oral Tablet	349373
olmesartanmedoxomil 20 MG Oral Tablet	349401
olmesartanmedoxomil 40 MG Oral Tablet	349405
valsartan40 MG Oral Tablet	349483
eplerenone25 MG Oral Tablet	351256
eplerenone50 MG Oral Tablet	351257
eprosartan600 MG / hydrochlorothiazide 12.5 MG Oral Tablet	351292
eprosartan600 MG / hydrochlorothiazide 25 MG Oral Tablet	351293
24HR nisoldipine 40 MG Extended Release Oral Tablet	360344
nebivolol5 MG Oral Tablet	387013
ramipril1.25 MG Oral Tablet	401965
ramipril10 MG Oral Tablet	401968
24HR felodipine 10 MG Extended Release Oral Tablet	402695
24HR felodipine 5 MG Extended Release Oral Tablet	402696
24HR felodipine 2.5 MG Extended Release Oral Tablet	402698
hydrochlorothiazide12.5 MG / olmesartan medoxomil 20 MG Oral Tablet	403853
hydrochlorothiazide12.5 MG / olmesartan medoxomil 40 MG Oral Tablet	403854
hydrochlorothiazide25 MG / olmesartan medoxomil 40 MG Oral Tablet	403855
amlodipine5 MG / atorvastatin 80 MG Oral Tablet	404011

List of Pharmacologic Therapy for Hypertension RxNorm Codes	
Description	Code
amlodipine10 MG / atorvastatin 80 MG Oral Tablet	404013
hydrochlorothiazide12.5 MG Oral Tablet	429503
hydrochlorothiazide25 MG / telmisartan 80 MG Oral Tablet	477130
chlorothiazide500 MG Injection	484152
hydrochlorothiazide25 MG / irbesartan 300 MG Oral Tablet	485471
24HR isradipine 10 MG Extended Release Oral Tablet	562518
24HR isradipine 5 MG Extended Release Oral Tablet	562520
candesartancilexetil 16 MG Oral Tablet	577776
candesartancilexetil 16 MG / hydrochlorothiazide 12.5MG Oral Tablet	578325
candesartancilexetil 32 MG / hydrochlorothiazide 12.5MG Oral Tablet	578330
amlodipine10 MG / atorvastatin 20 MG Oral Tablet	597967
amlodipine2.5 MG / atorvastatin 10 MG Oral Tablet	597971
amlodipine2.5 MG / atorvastatin 20 MG Oral Tablet	597974
amlodipine5 MG / atorvastatin 10 MG Oral Tablet	597977
amlodipine5 MG / atorvastatin 20 MG Oral Tablet	597980
amlodipine5 MG / atorvastatin 40 MG Oral Tablet	597984
amlodipine10 MG / atorvastatin 10 MG Oral Tablet	597987
amlodipine10 MG / atorvastatin 40 MG Oral Tablet	597990
amlodipine2.5 MG / atorvastatin 40 MG Oral Tablet	597993
hydrochlorothiazide12.5 MG / valsartan 320 MG Oral Tablet	636042
hydrochlorothiazide25 MG / valsartan 320 MG Oral Tablet	636045

List of Pharmacologic Therapy for Hypertension RxNorm Codes	
Description	Code
24HR doxazosin 4 MG Extended Release Oral Tablet	636360
24HR doxazosin 8 MG Extended Release Oral Tablet	636361
candesartancilexetil 32 MG Oral Tablet	639537
carvedilol3.125 MG Oral Tablet	686924
amlodipine10 MG / valsartan 160 MG Oral Tablet	722126
amlodipine10 MG / valsartan 320 MG Oral Tablet	722131
amlodipine5 MG / valsartan 160 MG Oral Tablet	722134
amlodipine5 MG / valsartan 320 MG Oral Tablet	722137
10ML furosemide 10 MG/ML Prefilled Syringe	727574
4ML furosemide 10 MG/ML Prefilled Syringe	727575
amlodipine10 MG / olmesartan medoxomil 20 MG Oral Tablet	730861
amlodipine10 MG / olmesartan medoxomil 40 MG Oral Tablet	730866
amlodipine5 MG / olmesartan medoxomil 20 MG Oral Tablet	730869
amlodipine5 MG / olmesartan medoxomil 40 MG Oral Tablet	730872
nebivolol10 MG Oral Tablet	751612
nebivolol2.5 MG Oral Tablet	751618
24HR nisoldipine 17 MG Extended Release Oral Tablet	763519
24HR nisoldipine 25.5 MG Extended Release Oral Tablet	763574
24HR nisoldipine 34 MG Extended Release Oral Tablet	763589
24HR nisoldipine 8.5 MG Extended Release Oral Tablet	790489
candesartancilexetil 32 MG / hydrochlorothiazide 25 MG Oral Tablet	802749
nebivolol20 MG Oral Tablet	827073
24HR diltiazem hydrochloride 360 MG Extended Release Oral Capsule	830795

List of Pharmacologic Therapy for Hypertension RxNorm Codes	
Description	Code
24HR diltiazem hydrochloride 300 MG Extended Release Oral Capsule	830801
24HR diltiazem hydrochloride 240 MG Extended Release Oral Capsule	830837
24HR diltiazem hydrochloride 180 MG Extended Release Oral Capsule	830845
24HR diltiazem hydrochloride 120 MG Extended Release Oral Capsule	830861
12HR diltiazem hydrochloride 60 MG Extended Release Oral Capsule	830865
12HR diltiazem hydrochloride 90 MG Extended Release Oral Capsule	830869
12HR diltiazem hydrochloride 120 MG Extended Release Oral Capsule	830872
24HR diltiazem hydrochloride 120 MG Extended Release Oral Tablet	830874
24HR diltiazem hydrochloride 180 MG Extended Release Oral Tablet	830877
24HR diltiazem hydrochloride 240 MG Extended Release Oral Tablet	830879
24HR diltiazem hydrochloride 300 MG Extended Release Oral Tablet	830882
24HR diltiazem hydrochloride 360 MG Extended Release Oral Tablet	830897
24HR diltiazem hydrochloride 420 MG Extended Release Oral Tablet	830900
diltiazemhydrochloride 120 MG Oral Tablet	831054
diltiazemhydrochloride 90 MG Oral Tablet	831102
diltiazemhydrochloride 60 MG Oral Tablet	831103
24HR diltiazem hydrochloride 420 MG Extended Release Oral Capsule	831359
diltiazemhydrochloride 30 MG Oral Tablet	833217
ramipril1.25 MG Oral Capsule	845488
amlodipine10 MG / hydrochlorothiazide 12.5 MG / valsartan 160 MG Oral Tablet	848131
amlodipine10 MG / hydrochlorothiazide 25 MG / valsartan 320 MG Oral Tablet	848135

List of Pharmacologic Therapy for Hypertension RxNorm Codes	
Description	Code
amlodipine5 MG / hydrochlorothiazide 12.5 MG / valsartan 160 MG Oral Tablet	848140
amlodipine5 MG / hydrochlorothiazide 25 MG / valsartan 160 MG Oral Tablet	848145
amlodipine10 MG / hydrochlorothiazide 25 MG / valsartan 160 MG Oral Tablet	848151
bisoprololfumarate 10 MG Oral Tablet	854901
bisoprololfumarate 5 MG Oral Tablet	854905
bisoprololfumarate 10 MG / hydrochlorothiazide 6.25MG Oral Tablet	854908
bisoprololfumarate 2.5 MG / hydrochlorothiazide 6.25MG Oral Tablet	854916
bisoprololfumarate 5 MG / hydrochlorothiazide 6.25MG Oral Tablet	854919
perindoprilbumine 8 MG Oral Tablet	854925
perindoprilbumine 2 MG Oral Tablet	854984
perindoprilbumine 4 MG Oral Tablet	854988
hydrochlorothiazide25 MG / propranolol hydrochloride 40 MG Oral Tablet	856422
hydrochlorothiazide25 MG / propranolol hydrochloride 80 MG Oral Tablet	856429
1ML propranolol hydrochloride 1 MG/ML Injection	856443
propranololhydrochloride 10 MG Oral Tablet	856448
propranololhydrochloride 20 MG Oral Tablet	856457
24HR propranolol hydrochloride 120 MG Extended Release Oral Capsule	856460
24HR propranolol hydrochloride 160 MG Extended Release Oral Capsule	856481
propranololhydrochloride 40 MG Oral Tablet	856519
24HR propranolol hydrochloride 60 MG Extended Release Oral Capsule	856535
propranololhydrochloride 60 MG Oral Tablet	856556
24HR propranolol hydrochloride 80 MG Extended Release Oral Capsule	856569

List of Pharmacologic Therapy for Hypertension RxNorm Codes	
Description	Code
propranololhydrochloride 80 MG Oral Tablet	856578
propranololhydrochloride 4 MG/ML Oral Solution	856724
propranololhydrochloride 8 MG/ML Oral Solution	856733
fosinopriilsodium 10 MG / hydrochlorothiazide 12.5MG Oral Tablet	857166
fosinopriilsodium 10 MG Oral Tablet	857169
fosinopriilsodium 20 MG / hydrochlorothiazide 12.5MG Oral Tablet	857174
fosinopriilsodium 20 MG Oral Tablet	857183
fosinopriilsodium 40 MG Oral Tablet	857187
12HR nicardipine hydrochloride 45 MG Extended Release Oral Capsule	858580
12HR nicardipine hydrochloride 30 MG Extended Release Oral Capsule	858587
200ML nicardipine hydrochloride 0.1 MG/ML Injection	858599
200ML nicardipine hydrochloride 0.2 MG/ML Injection	858603
10ML nicardipine hydrochloride 2.5 MG/ML Injection	858607
nicardipinehydrochloride 20 MG Oral Capsule	858613
nicardipinehydrochloride 30 MG Oral Capsule	858616
enalaprilmaleate 2.5 MG Oral Tablet	858804
enalaprilmaleate 20 MG Oral Tablet	858810
enalaprilmaleate 5 MG Oral Tablet	858813
enalaprilmaleate 10 MG Oral Tablet	858817
enalaprilmaleate 5 MG / hydrochlorothiazide 12.5MG Oral Tablet	858824
enalaprilmaleate 10 MG / hydrochlorothiazide 25 MG Oral Tablet	858828
24HR carvedilol phosphate 10 MG Extended Release Oral Capsule	860510
24HR carvedilol phosphate 20 MG Extended Release Oral Capsule	860516

List of Pharmacologic Therapy for Hypertension RxNorm Codes	
Description	Code
24HR carvedilol phosphate 40 MG Extended Release Oral Capsule	860522
24HR carvedilol phosphate 80 MG Extended Release Oral Capsule	860532
24HR guanfacine 1 MG Extended Release Oral Tablet	862006
24HR guanfacine 2 MG Extended Release Oral Tablet	862013
24HR guanfacine 3 MG Extended Release Oral Tablet	862019
24HR guanfacine 4 MG Extended Release Oral Tablet	862025
24HR metoprolol succinate 100 MG Extended Release Oral Tablet	866412
24HR metoprolol succinate 200 MG Extended Release Oral Tablet	866419
24HR metoprolol succinate 25 MG Extended Release Oral Tablet	866427
24HR metoprolol succinate 50 MG Extended Release Oral Tablet	866436
24 HR hydrochlorothiazide 12.5 MG / metoprolol succinate 100 MG Extended Release Oral Tablet	866452
24HR hydrochlorothiazide 12.5 MG / metoprolol succinate 25 MG Extended Release Oral Tablet	866461
24HR hydrochlorothiazide 12.5 MG / metoprolol succinate 50 MG Extended Release Oral Tablet	866472
hydrochlorothiazide 25 MG / metoprolol tartrate 100 MG Oral Tablet	866479
hydrochlorothiazide 25 MG / metoprolol tartrate 50 MG Oral Tablet	866482
hydrochlorothiazide 50 MG / metoprolol tartrate 100 MG Oral Tablet	866491
5ML metoprolol tartrate 1 MG/ML Injection	866508
metoprolol tartrate 100 MG Oral Tablet	866511
metoprolol tartrate 50 MG Oral Tablet	866514
metoprolol tartrate 25 MG Oral Tablet	866924
amlodipine 10 MG / telmisartan 40 MG Oral Tablet	876514

List of Pharmacologic Therapy for Hypertension RxNorm Codes	
Description	Code
amlodipine10 MG / telmisartan 80 MG Oral Tablet	876519
amlodipine5 MG / telmisartan 40 MG Oral Tablet	876524
amlodipine5 MG / telmisartan 80 MG Oral Tablet	876529
clonidinehydrochloride 0.1 MG Oral Tablet	884173
clonidinehydrochloride 0.2 MG Oral Tablet	884185
clonidinehydrochloride 0.3 MG Oral Tablet	884189
chlorthalidone15 MG / clonidine hydrochloride 0.1MG Oral Tablet	884192
chlorthalidone15 MG / clonidine hydrochloride 0.2MG Oral Tablet	884198
chlorthalidone15 MG / clonidine hydrochloride 0.3MG Oral Tablet	884203
10ML clonidine hydrochloride 0.1 MG/ML Injection	884221
10ML clonidine hydrochloride 0.5 MG/ML Injection	884225
24HR clonidine 0.17 MG Extended Release Oral Tablet	885880
labetalolhydrochloride 100 MG Oral Tablet	896758
labetalolhydrochloride 200 MG Oral Tablet	896762
labetalolhydrochloride 300 MG Oral Tablet	896766
labetalolhydrochloride 5 MG/ML Injectable Solution	896771
24HR verapamil hydrochloride 100 MG Extended Release Oral Capsule	897584
24HR verapamil hydrochloride 200 MG Extended Release Oral Capsule	897590
24HR verapamil hydrochloride 300 MG Extended Release Oral Capsule	897596
24HR verapamil hydrochloride 120 MG Extended Release Oral Capsule	897612
24HR verapamil hydrochloride 180 MG Extended Release Oral Capsule	897618

List of Pharmacologic Therapy for Hypertension RxNorm Codes	
Description	Code
24HR verapamil hydrochloride 240 MG Extended Release Oral Capsule	897624
24HR verapamil hydrochloride 360 MG Extended Release Oral Capsule	897630
verapamilhydrochloride 180 MG Extended Release Oral Tablet	897640
verapamilhydrochloride 240 MG Extended Release Oral Tablet	897649
verapamilhydrochloride 120 MG Extended Release Oral Tablet	897659
verapamilhydrochloride 120 MG Oral Tablet	897666
verapamilhydrochloride 80 MG Oral Tablet	897683
verapamilhydrochloride 40 MG Oral Tablet	897722
24 HR trandolapril 1 MG / verapamil hydrochloride240 MG Extended Release Oral Tablet	897781
24 HR trandolapril 2 MG / verapamil hydrochloride180 MG Extended Release Oral Tablet	897783
24 HR trandolapril 2 MG / verapamil hydrochloride240 MG Extended Release Oral Tablet	897844
24 HR trandolapril 4 MG / verapamil hydrochloride240 MG Extended Release Oral Tablet	897853
4ML verapamil hydrochloride 2.5 MG/ML Prefilled Syringe	898316
amlodipine10 MG / benazepril hydrochloride 20 MG Oral Capsule	898342
amlodipine10 MG / benazepril hydrochloride 40 MG Oral Capsule	898346
amlodipine2.5 MG / benazepril hydrochloride 10 MG Oral Capsule	898350
amlodipine5 MG / benazepril hydrochloride 10 MG Oral Capsule	898353
amlodipine5 MG / benazepril hydrochloride 20 MG Oral Capsule	898356
amlodipine5 MG / benazepril hydrochloride 40 MG Oral Capsule	898359

List of Pharmacologic Therapy for Hypertension RxNorm Codes	
Description	Code
benazepril hydrochloride 10 MG / hydrochlorothiazide 12.5 MG Oral Tablet	898362
benazepril hydrochloride 20 MG / hydrochlorothiazide 12.5 MG Oral Tablet	898367
benazepril hydrochloride 20 MG / hydrochlorothiazide 25 MG Oral Tablet	898372
benazepril hydrochloride 5 MG / hydrochlorothiazide 6.25 MG Oral Tablet	898378
benazepril hydrochloride 10 MG Oral Tablet	898687
benazepril hydrochloride 20 MG Oral Tablet	898690
benazepril hydrochloride 40 MG Oral Tablet	898719
benazepril hydrochloride 5 MG Oral Tablet	898723
hydralazine hydrochloride 10 MG Oral Tablet	905199
hydralazine hydrochloride 100 MG Oral Tablet	905222
hydralazine hydrochloride 25 MG Oral Tablet	905225
hydralazine hydrochloride 37.5 MG / isosorbide dinitrate 20 MG Oral Tablet	905377
hydralazine hydrochloride 50 MG Oral Tablet	905395
1ML hydralazine hydrochloride 20 MG/ML Injection	966571
amiloride hydrochloride 5 MG Oral Tablet	977880
amiloride hydrochloride 5 MG / hydrochlorothiazide 50 MG Oral Tablet	977883
hydrochlorothiazide 12.5 MG / losartan potassium 100 MG Oral Tablet	979464
hydrochlorothiazide 12.5 MG / losartan potassium 50 MG Oral Tablet	979468
hydrochlorothiazide 25 MG / losartan potassium 100 MG Oral Tablet	979471
losartan potassium 100 MG Oral Tablet	979480
losartan potassium 25 MG Oral Tablet	979485
losartan potassium 50 MG Oral Tablet	979492
168HR clonidine 0.00417 MG/HR Transdermal System	998671
168HR clonidine 0.00833 MG/HR Transdermal System	998675

List of Pharmacologic Therapy for Hypertension RxNorm Codes	
Description	Code
168HR clonidine 0.0125 MG/HR Transdermal System	998679
acebutolol400 MG Oral Capsule	998685
acebutolol200 MG Oral Capsule	998689
amlodipine5 MG / hydrochlorothiazide 12.5 MG / olmesartan medoxomil 20 MG Oral Tablet	999967
amlodipine 10 MG / hydrochlorothiazide 12.5 MG/ olmesartan medoxomil 40 MG Oral Tablet	999986
amlodipine10 MG / hydrochlorothiazide 25 MG / olmesartan medoxomil 40 MG Oral Tablet	999991
amlodipine5 MG / hydrochlorothiazide 12.5 MG / olmesartan medoxomil 40 MG Oral Tablet	999996

SNOMED

List of Dietary Recommendations SNOMED Codes			
103699006	1151000175103	11816003	182922004
183061003	183065007	183070000	183071001
281085002	284071006	284352003	285383009
289176001	304491008	306163007	370847001
386464006	410114009	410171007	410177006
410270001	413315001	418995006	424753004
435771000124106	436691000124108	436951000124105	437231000124109
437421000124105	443288003	61310001	699849008
715282001	770749002		

List of Finding of Elevated Blood Pressure or Hypertension SNOMED Codes				
198941007	24184005	31992008	371622005	38341003
443482000	48146000	48194001	56218007	

List of Follow Up within 4 weeks SNOMED codes	
Description	Code
Follow-up 1 day (finding)	183617005

List of Follow Up within 4 weeks SNOMED codes	
Description	Code
Follow-up 2-3 days (finding)	183618000
Follow-up 4-6 days (finding)	183619008
Follow-up 1 week (finding)	183620002
Follow-up 2 weeks (finding)	183621003
Follow-up 3 weeks (finding)	183622005
Follow-up 1 month (finding)	183623000

List of Follow Up within 6 Months SNOMED codes	
Description	Code
Follow-up 1 day (finding)	183617005
Follow-up 2-3 days (finding)	183618000
Follow-up 4-6 days (finding)	183619008
Follow-up 1 week (finding)	183620002
Follow-up 2 weeks (finding)	183621003
Follow-up 3 weeks (finding)	183622005
Follow-up 1 month (finding)	183623000
Follow-up 2-3 months (finding)	183624006
Follow-up 4-6 months (finding)	183625007
Follow-up 6 weeks (finding)	183628009
Follow-up 6 months (finding)	300042001

List of Referral or Counseling for Alcohol Consumption SNOMED Codes	
Description	Code
Alcohol rehabilitation and detoxification (regime/therapy)	20093000
Combined alcohol and drug rehabilitation and detoxification (regime/therapy)	23915005
Alcoholism counseling (procedure)	24165007
Education about alcohol consumption (procedure)	281078001
Alcohol rehabilitation (regime/therapy)	35637008

List of Referral or Counseling for Alcohol Consumption SNOMED Codes	
Description	Code
Substance use treatment: alcohol withdrawal (regime/therapy)	386449006
Referral to alcoholism rehabilitation service (procedure)	38670004
Referral to community alcohol team (procedure)	390857005
Alcohol abuse prevention education (procedure)	408947007
Alcohol abuse prevention management (procedure)	408948002
Alcohol disorder monitoring (regime/therapy)	413130000
Counseling about alcohol consumption (procedure)	413473000
Referral to community drug and alcohol team (procedure)	417096006
Referral to specialist alcohol treatment service (procedure)	431260004
Management of alcohol intake (procedure)	440671000124106
Combined alcohol and drug rehabilitation (regime/therapy)	62213004
Detoxication psychiatric therapy for alcoholism (regime/therapy)	64297001
Alcohol reduction program (regime/therapy)	707166002
Alcohol harm reduction program (regime/therapy)	720175009
Alcohol relapse prevention program (regime/therapy)	720176005
Alcohol twelve step program (regime/therapy)	720178006
Alcohol abuse surveillance (regime/therapy)	737363002
Alcohol detoxification (regime/therapy)	827094004

List of Referral to Primary Care or Alternative Provider SNOMED Codes				
134403003	183516009	183561008	183856001	306206005
306253008	306362008	308470006	453641000124107	

List of Recommendation to Increase Physical Activity SNOMED Codes			
281090004	304507003	304549008	386291006
386292004	386373004	386463000	410289001

List of Weight Reduction Recommended SNOMED Codes			
1181000175107	170795002	248114003	266724001
268523001	284352003	289169006	307818003
388962008	388970003	388975008	398752005
388976009	408289007	410199003	410200000
410201001	445033007	718361005	

Numerator Exclusion Workflow

There are no numerator exclusions for this measure.

Denominator Exceptions Workflow

Data elements for the denominator exceptions are captured using the following workflows:

- Document Medical or Patient Reason Diastolic Blood Pressure OR Systolic Blood Pressure not performed
- Document Patient Reason Order Not Done

Document Medical or Patient Reason Diastolic Blood Pressure Not Performed

Use the Exceptions/Measures template.

Note: Documentation of Medical or Patient Reason Diastolic Blood Pressure Not Performed can be completed using any of the templates indicated in this section of the document. It is not necessary to document this criterion in all of the specified templates to meet the intent of this measure.

Exceptions/Measures Window, NextGen Enterprise EHR 6.2021.1 (with Patch 79) and Higher

1. From the ***Intake** template, select the **Exceptions/Measures** link from the left navigation bar. The **Exceptions/Measures** window opens
2. Select **Exceptions (all)**.
3. Select Measure: **Documentation of Current Medications** and Exception Class: **Current Medications Documented SNMD** in the grid.
4. From the **Exception** field, select the blue arrow.
5. Select any **Medical** reason.

6. Select **Update**, and then select **OK**.

Measure Details

Title: Documentation of Current Medications in the Medical Record

Description: Percentage of visits for patients aged 18 years and older for which the eligible professional or eligible clinician attempts to documenting a list of current medications using all immediate resources available on the date of the encounter. This list must include ALL known prescriptions, over-the-counters, herbals, and vitamin/mineral/dietary (nutritional) supplements AND must contain the medications' name, dosage, frequency and route of administration.

Instructions: Please refer to the HQM White Paper for supported workflows.

References: Select a row with a "website" indicator (on the right) to go to the website. http://www.ama-assn.org/resources/stock_r_scott_j_gurte_s_2009 [Master Measure Website](#)

Review notes: **Document Medical Reason not done for Medications Reconciled**

Previous status/comments:

Exception Management

Class: Current Medications Documented SNMD

Item: Documentation of current medications (procedure)

Exception: Absent response to treatment (situation)

Details:

☐ This exception is permanent **Update** Remove

Display: ☐ Provider Measures ☐ Exceptions (current template) ☒ Exceptions (all) ☐ Show measures followed Display measure system: CMS

Measure	Measure System	Exception Class	Exception
N CM52 (NQF0418) Screening for Depression and Follow-Up Plan	CMS	Multiple Exception Class	
Y CM522 Screening for High BP and Follow-Up Plan	CMS	Multiple Exception Class	
N CM561 Fasting Low Density Lipoprotein (LDL-C) Performed	CMS	LDL Code	
N CM5645 Prostate Cancer: Bone Density Evaluation	CMS	Dexa	
N CM568 Documentation of Current Medications	CMS	Current Medications Documented SNMD	

OK Cancel

Document Patient Reason Order Not Done

Use the Exceptions/Measures template.

Note: Documentation of Patient Reason Order Not Done can be completed using any of the templates indicated in this section of the document. It is not necessary to document this criterion in all of the specified templates to meet the intent of this measure.

Exceptions/Measures Window, NextGen Enterprise 6.2021.1 (with Patch 79) and Higher

1. From the ***Intake** template, select **Exceptions/Measures** from the left navigation bar to open the **Exceptions/Measures** window.
2. Select the **Exceptions (all)** option to display the complete list of exceptions.
3. Search for and select the **Screening for High BP and Follow-Up Plan** measure, and then select one of the following classes from the grid:
 - **Anti-Hypertensive Pharmacologic Therapy**
 - **Dietary Recommendations**
 - **ECG 12 lead or study order**
 - **Laboratory Tests for Hypertension**
 - **Lifestyle Recommendation**

- Moderation of ETOH Consumption Recommendation
 - Physical Activity Recommendation
 - Referral to Alternative Provider / Primary Care Provider
 - Weight Reduction Recommended.
4. In **Item**, select a qualifying value from the List of Values for Denominator Exceptions.
 5. In **Exception**, select any **Medical** or **Patient** reason.
 6. Select **Update**, and then select **OK**.

Exceptions/Measures

Measure Details

Title: Preventive Care and Screening: Screening for High Blood Pressure and Follow-Up Documented

Description: Percentage of patients aged 18 years and older seen during the reporting period who were screened for high blood pressure AND a recommended follow-up plan is documented based on the current blood pressure (BP) reading as indicated

Instructions: Please refer to the HQM White Paper for supported workflows.

References: Select a row with a "website" indicator (on the right) to go to the website. [Master Measure Website](#)

Review notes: **Document Patient Reason Order not Done**

Previous status/comments:

Exception Management

Class: Anti-Hypertensive Pharmacologic Therapy

Item: T (24 HR Guanfacine 1 MG Extended Release Oral Tablet) / T (24 HR Guanfacine 2 MG Extended Release Oral Tablet) Pack

Exception: Absent response to treatment (situation)

Details:

☐ This exception is permanent **Update** Remove

Display: ☐ Provider Measures ☐ Exceptions (current template) ☒ Exceptions (all) ☐ Show measures followed Display measure system: CMS

Measure #	Measure	Measure System	Exception Class	Exception
N CM52 (NCP0418)	Screening for Depression and Follow-Up Plan	CMS	Multiple Exception Class	
Y CM522	Screening for High BP and Follow-Up Plan	CMS	Multiple Exception Class	
N CM561	Fasting Low Density Lipoprotein (LDL-C) Performed	CMS	LDL Code	
N CM5645	Prostate Cancer: Bone Density Evaluation	CMS	Dexa	
N CM568	Documentation of Current Medications	CMS	Current Medications Documented (NMD)	

List of Values for Denominator Exceptions

CPT

List of Dietary Recommendations CPT Codes	
S9452	S9470

List of Recommendation to Increase Physical Activity CPT Codes
S9451

List of Weight Reduction Recommended CPT Code					
G0270	G0271	G0447	G0473	S9449	S9451
S9452	S9470				

ICD

List of Dietary Recommendations ICD-10 Codes
Z71.3

List of Finding of Elevated Blood Pressure or Hypertension ICD-10 Codes
R03.0

LOINC

List of Diastolic Blood Pressure Direct Reference LOINC Code
8462-4

List of Systolic Blood Pressure Direct Reference LOINC Code
8480-6

List of Laboratory Tests for Hypertension LOINC Codes				
24320-4	24321-2	24323-8	24356-8	24357-6
24362-6	2888-6	57021-8	57782-5	58410-2

List of EKG 12 channel panel Direct Reference LOINC Codes

34534-8

List of EKG study Direct Reference LOINC Codes

11524-6

RxNorm**List of Pharmacologic Therapy for Hypertension RxNorm Codes**

Description	Code
amlodipine 5 MG / hydrochlorothiazide 25 MG / olmesartan medoxomil 40 MG Oral Tablet	1000001
aliskiren 150 MG / hydrochlorothiazide 12.5 MG Oral Tablet	1011710
aliskiren 150 MG / hydrochlorothiazide 25 MG Oral Tablet	1011713
aliskiren 150 MG Oral Tablet	1011736
aliskiren 300 MG Oral Tablet	1011739
aliskiren 300 MG / hydrochlorothiazide 12.5 MG Oral Tablet	1011750
aliskiren 300 MG / hydrochlorothiazide 25 MG Oral Tablet	1011753
12 HR clonidine hydrochloride 0.1 MG Extended Release Oral Tablet	1013930
spironolactone 5 MG/ML Oral Suspension	104232
azilsartan medoxomil 40 MG Oral Tablet	1091646
azilsartan medoxomil 80 MG Oral Tablet	1091652
4 ML labetalol hydrochloride 5 MG/ML Cartridge	1234256
azilsartan medoxomil 40 MG / chlorthalidone 12.5 MG Oral Tablet	1235144
azilsartan medoxomil 40 MG / chlorthalidone 25 MG Oral Tablet	1235151
betaxolol hydrochloride 10 MG Oral Tablet	1297753
betaxolol hydrochloride 20 MG Oral Tablet	1297757
hydrochlorothiazide 12.5 MG / moexipril hydrochloride 15 MG Oral Tablet	1299859

List of Pharmacologic Therapy for Hypertension RxNorm Codes	
Description	Code
hydrochlorothiazide 12.5 MG / moexipril hydrochloride 7.5 MG Oral Tablet	1299871
hydrochlorothiazide 25 MG / moexipril hydrochloride 15 MG Oral Tablet	1299890
moexipril hydrochloride 15 MG Oral Tablet	1299896
moexipril hydrochloride 7.5 MG Oral Tablet	1299897
enalapril maleate 1 MG/ML Oral Solution	1435624
propranolol hydrochloride 4.28 MG/ML Oral Solution	1495058
candesartan cilexetil 4 MG Oral Tablet	153822
candesartan cilexetil 8 MG Oral Tablet	153823
amlodipine 10 MG / perindopril arginine 14 MG Oral Tablet	1600716
amlodipine 2.5 MG / perindopril arginine 3.5 MG Oral Tablet	1600724
amlodipine 5 MG / perindopril arginine 7 MG Oral Tablet	1600728
metoprolol tartrate 37.5 MG Oral Tablet	1606347
metoprolol tartrate 75 MG Oral Tablet	1606349
sacubitril 24 MG / valsartan 26 MG Oral Tablet	1656340
sacubitril 49 MG / valsartan 51 MG Oral Tablet	1656349
sacubitril 97 MG / valsartan 103 MG Oral Tablet	1656354
2 ML verapamil hydrochloride 2.5 MG/ML Injection	1665057
4 ML verapamil hydrochloride 2.5 MG/ML Injection	1665061
10 ML furosemide 10 MG/ML Injection	1719286
2 ML furosemide 10 MG/ML Injection	1719290
4 ML furosemide 10 MG/ML Injection	1719291
4 ML bumetanide 0.25 MG/ML Injection	1727569
2 ML bumetanide 0.25 MG/ML Injection	1727572
1 ML enalaprilat 1.25 MG/ML Injection	1729200
2 ML enalaprilat 1.25 MG/ML Injection	1729205
50 ML clevidipine 0.5 MG/ML Injection	1790239

List of Pharmacologic Therapy for Hypertension RxNorm Codes	
Description	Code
100 ML clevidipine 0.5 MG/ML Injection	1790245
250 ML clevidipine 0.5 MG/ML Injection	1790247
5 ML diltiazem hydrochloride 5 MG/ML Injection	1791229
10 ML diltiazem hydrochloride 5 MG/ML Injection	1791232
25 ML diltiazem hydrochloride 5 MG/ML Injection	1791233
diltiazem hydrochloride 100 MG Injection	1791240
nebivolol 5 MG / valsartan 80 MG Oral Tablet	1798281
lisinopril 1 MG/ML Oral Solution	1806884
Osmotic 24 HR nifedipine 30 MG Extended Release Oral Tablet	1812011
Osmotic 24 HR nifedipine 60 MG Extended Release Oral Tablet	1812013
Osmotic 24 HR nifedipine 90 MG Extended Release Oral Tablet	1812015
amlodipine 5 MG Oral Tablet	197361
atenolol 100 MG Oral Tablet	197379
atenolol 25 MG Oral Tablet	197380
atenolol 50 MG Oral Tablet	197381
atenolol 100 MG / chlorthalidone 25 MG Oral Tablet	197382
atenolol 50 MG / chlorthalidone 25 MG Oral Tablet	197383
bumetanide 0.5 MG Oral Tablet	197417
bumetanide 1 MG Oral Tablet	197418
bumetanide 2 MG Oral Tablet	197419
captopril 25 MG / hydrochlorothiazide 15 MG Oral Tablet	197436
captopril 25 MG / hydrochlorothiazide 25 MG Oral Tablet	197437
captopril 50 MG / hydrochlorothiazide 15 MG Oral Tablet	197438
captopril 50 MG / hydrochlorothiazide 25 MG Oral Tablet	197439
chlorothiazide 250 MG Oral Tablet	197475
chlorothiazide 500 MG Oral Tablet	197476

List of Pharmacologic Therapy for Hypertension RxNorm Codes	
Description	Code
chlorthalidone 25 MG Oral Tablet	197499
chlorthalidone 50 MG Oral Tablet	197500
doxazosin 1 MG Oral Tablet	197625
doxazosin 2 MG Oral Tablet	197626
doxazosin 4 MG Oral Tablet	197627
doxazosin 8 MG Oral Tablet	197628
furosemide 10 MG/ML Oral Solution	197730
furosemide 8 MG/ML Oral Solution	197731
furosemide 80 MG Oral Tablet	197732
guanfacine 1 MG Oral Tablet	197745
guanfacine 2 MG Oral Tablet	197746
hydrochlorothiazide 50 MG Oral Tablet	197770
indapamide 1.25 MG Oral Tablet	197815
indapamide 2.5 MG Oral Tablet	197816
isradipine 2.5 MG Oral Capsule	197848
isradipine 5 MG Oral Capsule	197849
lisinopril 40 MG Oral Tablet	197884
hydrochlorothiazide 12.5 MG / lisinopril 10 MG Oral Tablet	197885
hydrochlorothiazide 12.5 MG / lisinopril 20 MG Oral Tablet	197886
hydrochlorothiazide 25 MG / lisinopril 20 MG Oral Tablet	197887
methyclothiazide 5 MG Oral Tablet	197951
methyldopa 250 MG Oral Tablet	197956
methyldopa 500 MG Oral Tablet	197958
hydrochlorothiazide 25 MG / methyldopa 250 MG Oral Tablet	197960
hydrochlorothiazide 15 MG / methyldopa 250 MG Oral Tablet	197963
metolazone 10 MG Oral Tablet	197978
metolazone 2.5 MG Oral Tablet	197979
minoxidil 10 MG Oral Tablet	197986

List of Pharmacologic Therapy for Hypertension RxNorm Codes	
Description	Code
minoxidil 2.5 MG Oral Tablet	197987
bendroflumethiazide 5 MG / nadolol 40 MG Oral Tablet	198000
bendroflumethiazide 5 MG / nadolol 80 MG Oral Tablet	198001
nadolol 20 MG Oral Tablet	198006
nadolol 40 MG Oral Tablet	198007
nadolol 80 MG Oral Tablet	198008
nifedipine 10 MG Oral Capsule	198032
nifedipine 20 MG Oral Capsule	198033
24 HR nifedipine 30 MG Extended Release Oral Tablet	198034
24 HR nifedipine 60 MG Extended Release Oral Tablet	198035
24 HR nifedipine 90 MG Extended Release Oral Tablet	198036
pindolol 10 MG Oral Tablet	198104
pindolol 5 MG Oral Tablet	198105
prazosin 5 MG Oral Capsule	198141
ramipril 2.5 MG Oral Capsule	198188
ramipril 5 MG Oral Capsule	198189
spironolactone 100 MG Oral Tablet	198222
spironolactone 50 MG Oral Tablet	198223
hydrochlorothiazide 25 MG / spironolactone 25 MG Oral Tablet	198224
hydrochlorothiazide 50 MG / spironolactone 50 MG Oral Tablet	198225
timolol 10 MG Oral Tablet	198284
timolol 20 MG Oral Tablet	198285
timolol 5 MG Oral Tablet	198286
triamterene 100 MG Oral Capsule	198312
triamterene 50 MG Oral Capsule	198313
hydrochlorothiazide 25 MG / triamterene 50 MG Oral Capsule	198314

List of Pharmacologic Therapy for Hypertension RxNorm Codes	
Description	Code
hydrochlorothiazide 25 MG / triamterene 37.5 MG Oral Capsule	198316
torsemide 10 MG Oral Tablet	198369
torsemide 100 MG Oral Tablet	198370
torsemide 20 MG Oral Tablet	198371
torsemide 5 MG Oral Tablet	198372
trandolapril 2 MG Oral Tablet	199351
trandolapril 4 MG Oral Tablet	199352
trandolapril 1 MG Oral Tablet	199353
valsartan 4 MG/ML Oral Solution	1996254
hydrochlorothiazide 12.5 MG Oral Capsule	199903
24 HR metoprolol succinate 100 MG Extended Release Oral Capsule	1999031
24 HR metoprolol succinate 200 MG Extended Release Oral Capsule	1999033
24 HR metoprolol succinate 25 MG Extended Release Oral Capsule	1999035
24 HR metoprolol succinate 50 MG Extended Release Oral Capsule	1999037
carvedilol 6.25 MG Oral Tablet	200031
carvedilol 12.5 MG Oral Tablet	200032
carvedilol 25 MG Oral Tablet	200033
irbesartan 75 MG Oral Tablet	200094
irbesartan 150 MG Oral Tablet	200095
irbesartan 300 MG Oral Tablet	200096
hydrochlorothiazide 12.5 MG / valsartan 80 MG Oral Tablet	200284
hydrochlorothiazide 12.5 MG / valsartan 160 MG Oral Tablet	200285
amlodipine 2.5 MG / celecoxib 200 MG Oral Tablet	2047715
amlodipine 5 MG / celecoxib 200 MG Oral Tablet	2047716
amlodipine 10 MG / celecoxib 200 MG Oral Tablet	2047717
telmisartan 40 MG Oral Tablet	205304

List of Pharmacologic Therapy for Hypertension RxNorm Codes	
Description	Code
telmisartan 80 MG Oral Tablet	205305
lisinopril 30 MG Oral Tablet	205326
amlodipine 1 MG/ML Oral Suspension	2184120
4 ML labetalol hydrochloride 5 MG/ML Injection	2477889
200 ML labetalol hydrochloride 1 MG/ML Injection	2479564
100 ML labetalol hydrochloride 1 MG/ML Injection	2479566
300 ML labetalol hydrochloride 1 MG/ML Injection	2479567
ramipril 2.5 MG Oral Tablet	251856
ramipril 5 MG Oral Tablet	251857
125 ML diltiazem hydrochloride 1 MG/ML Injection	2586034
250 ML diltiazem hydrochloride 1 MG/ML Injection	2586036
torsemide 40 MG Oral Tablet	2589881
torsemide 60 MG Oral Tablet	2589885
2 ML labetalol hydrochloride 5 MG/ML Prefilled Syringe	2598343
amlodipine 1 MG/ML Oral Solution	2599173
terazosin 10 MG Oral Capsule	260376
ramipril 10 MG Oral Capsule	261962
10 ML furosemide 8 MG/ML Cartridge	2621022
bumetanide 0.25 MG/ML Injectable Solution	282486
telmisartan 20 MG Oral Tablet	282755
hydrochlorothiazide 12.5 MG / telmisartan 40 MG Oral Tablet	283316
hydrochlorothiazide 12.5 MG / telmisartan 80 MG Oral Tablet	283317
amlodipine 10 MG Oral Tablet	308135
amlodipine 2.5 MG Oral Tablet	308136
captopril 100 MG Oral Tablet	308962
captopril 12.5 MG Oral Tablet	308963
captopril 50 MG Oral Tablet	308964
chlorothiazide 50 MG/ML Oral Suspension	309198

List of Pharmacologic Therapy for Hypertension RxNorm Codes	
Description	Code
eprosartan 600 MG Oral Tablet	310140
furosemide 20 MG Oral Tablet	310429
hydrochlorothiazide 12.5 MG / irbesartan 150 MG Oral Tablet	310792
hydrochlorothiazide 12.5 MG / irbesartan 300 MG Oral Tablet	310793
hydrochlorothiazide 12.5 MG / quinapril 10 MG Oral Tablet	310796
hydrochlorothiazide 12.5 MG / quinapril 20 MG Oral Tablet	310797
hydrochlorothiazide 25 MG Oral Tablet	310798
hydrochlorothiazide 25 MG / quinapril 20 MG Oral Tablet	310809
hydrochlorothiazide 25 MG / triamterene 37.5 MG Oral Tablet	310812
hydrochlorothiazide 50 MG / triamterene 75 MG Oral Tablet	310818
lisinopril 2.5 MG Oral Tablet	311353
lisinopril 5 MG Oral Tablet	311354
metolazone 5 MG Oral Tablet	311671
24 HR nisoldipine 20 MG Extended Release Oral Tablet	311984
24 HR nisoldipine 30 MG Extended Release Oral Tablet	311985
prazosin 1 MG Oral Capsule	312593
prazosin 2 MG Oral Capsule	312594
quinapril 10 MG Oral Tablet	312748
quinapril 20 MG Oral Tablet	312749
quinapril 5 MG Oral Tablet	312750
spironolactone 25 MG Oral Tablet	313096
terazosin 1 MG Oral Capsule	313215
terazosin 2 MG Oral Capsule	313217
terazosin 5 MG Oral Capsule	313219
furosemide 40 MG Oral Tablet	313988
lisinopril 10 MG Oral Tablet	314076

List of Pharmacologic Therapy for Hypertension RxNorm Codes	
Description	Code
lisinopril 20 MG Oral Tablet	314077
quinapril 40 MG Oral Tablet	314203
captopril 25 MG Oral Tablet	317173
valsartan 80 MG Oral Tablet	349199
valsartan 320 MG Oral Tablet	349200
valsartan 160 MG Oral Tablet	349201
hydrochlorothiazide 25 MG / valsartan 160 MG Oral Tablet	349353
olmesartan medoxomil 5 MG Oral Tablet	349373
olmesartan medoxomil 20 MG Oral Tablet	349401
olmesartan medoxomil 40 MG Oral Tablet	349405
valsartan 40 MG Oral Tablet	349483
eplerenone 25 MG Oral Tablet	351256
eplerenone 50 MG Oral Tablet	351257
eprosartan 600 MG / hydrochlorothiazide 12.5 MG Oral Tablet	351292
eprosartan 600 MG / hydrochlorothiazide 25 MG Oral Tablet	351293
24 HR nisoldipine 40 MG Extended Release Oral Tablet	360344
nebivolol 5 MG Oral Tablet	387013
ramipril 1.25 MG Oral Tablet	401965
ramipril 10 MG Oral Tablet	401968
24 HR felodipine 10 MG Extended Release Oral Tablet	402695
24 HR felodipine 5 MG Extended Release Oral Tablet	402696
24 HR felodipine 2.5 MG Extended Release Oral Tablet	402698
hydrochlorothiazide 12.5 MG / olmesartan medoxomil 20 MG Oral Tablet	403853
hydrochlorothiazide 12.5 MG / olmesartan medoxomil 40 MG Oral Tablet	403854
hydrochlorothiazide 25 MG / olmesartan medoxomil 40 MG Oral Tablet	403855

List of Pharmacologic Therapy for Hypertension RxNorm Codes	
Description	Code
amlodipine 5 MG / atorvastatin 80 MG Oral Tablet	404011
amlodipine 10 MG / atorvastatin 80 MG Oral Tablet	404013
hydrochlorothiazide 12.5 MG Oral Tablet	429503
hydrochlorothiazide 25 MG / telmisartan 80 MG Oral Tablet	477130
chlorothiazide 500 MG Injection	484152
hydrochlorothiazide 25 MG / irbesartan 300 MG Oral Tablet	485471
24 HR isradipine 10 MG Extended Release Oral Tablet	562518
24 HR isradipine 5 MG Extended Release Oral Tablet	562520
candesartan cilexetil 16 MG Oral Tablet	577776
candesartan cilexetil 16 MG / hydrochlorothiazide 12.5 MG Oral Tablet	578325
candesartan cilexetil 32 MG / hydrochlorothiazide 12.5 MG Oral Tablet	578330
amlodipine 10 MG / atorvastatin 20 MG Oral Tablet	597967
amlodipine 2.5 MG / atorvastatin 10 MG Oral Tablet	597971
amlodipine 2.5 MG / atorvastatin 20 MG Oral Tablet	597974
amlodipine 5 MG / atorvastatin 10 MG Oral Tablet	597977
amlodipine 5 MG / atorvastatin 20 MG Oral Tablet	597980
amlodipine 5 MG / atorvastatin 40 MG Oral Tablet	597984
amlodipine 10 MG / atorvastatin 10 MG Oral Tablet	597987
amlodipine 10 MG / atorvastatin 40 MG Oral Tablet	597990
amlodipine 2.5 MG / atorvastatin 40 MG Oral Tablet	597993

List of Pharmacologic Therapy for Hypertension RxNorm Codes	
Description	Code
hydrochlorothiazide 12.5 MG / valsartan 320 MG Oral Tablet	636042
hydrochlorothiazide 25 MG / valsartan 320 MG Oral Tablet	636045
24 HR doxazosin 4 MG Extended Release Oral Tablet	636360
24 HR doxazosin 8 MG Extended Release Oral Tablet	636361
candesartan cilexetil 32 MG Oral Tablet	639537
carvedilol 3.125 MG Oral Tablet	686924
amlodipine 10 MG / valsartan 160 MG Oral Tablet	722126
amlodipine 10 MG / valsartan 320 MG Oral Tablet	722131
amlodipine 5 MG / valsartan 160 MG Oral Tablet	722134
amlodipine 5 MG / valsartan 320 MG Oral Tablet	722137
10 ML furosemide 10 MG/ML Prefilled Syringe	727574
4 ML furosemide 10 MG/ML Prefilled Syringe	727575
amlodipine 10 MG / olmesartan medoxomil 20 MG Oral Tablet	730861
amlodipine 10 MG / olmesartan medoxomil 40 MG Oral Tablet	730866
amlodipine 5 MG / olmesartan medoxomil 20 MG Oral Tablet	730869
amlodipine 5 MG / olmesartan medoxomil 40 MG Oral Tablet	730872
nebivolol 10 MG Oral Tablet	751612
nebivolol 2.5 MG Oral Tablet	751618
24 HR nisoldipine 17 MG Extended Release Oral Tablet	763519
24 HR nisoldipine 25.5 MG Extended Release Oral Tablet	763574
24 HR nisoldipine 34 MG Extended Release Oral Tablet	763589
24 HR nisoldipine 8.5 MG Extended Release Oral Tablet	790489

List of Pharmacologic Therapy for Hypertension RxNorm Codes	
Description	Code
candesartan cilexetil 32 MG / hydrochlorothiazide 25 MG Oral Tablet	802749
nebivolol 20 MG Oral Tablet	827073
24 HR diltiazem hydrochloride 360 MG Extended Release Oral Capsule	830795
24 HR diltiazem hydrochloride 300 MG Extended Release Oral Capsule	830801
24 HR diltiazem hydrochloride 240 MG Extended Release Oral Capsule	830837
24 HR diltiazem hydrochloride 180 MG Extended Release Oral Capsule	830845
24 HR diltiazem hydrochloride 120 MG Extended Release Oral Capsule	830861
12 HR diltiazem hydrochloride 60 MG Extended Release Oral Capsule	830865
12 HR diltiazem hydrochloride 90 MG Extended Release Oral Capsule	830869
12 HR diltiazem hydrochloride 120 MG Extended Release Oral Capsule	830872
24 HR diltiazem hydrochloride 120 MG Extended Release Oral Tablet	830874
24 HR diltiazem hydrochloride 180 MG Extended Release Oral Tablet	830877
24 HR diltiazem hydrochloride 240 MG Extended Release Oral Tablet	830879
24 HR diltiazem hydrochloride 300 MG Extended Release Oral Tablet	830882
24 HR diltiazem hydrochloride 360 MG Extended Release Oral Tablet	830897
24 HR diltiazem hydrochloride 420 MG Extended Release Oral Tablet	830900
diltiazem hydrochloride 120 MG Oral Tablet	831054
diltiazem hydrochloride 90 MG Oral Tablet	831102
diltiazem hydrochloride 60 MG Oral Tablet	831103
24 HR diltiazem hydrochloride 420 MG Extended Release Oral Capsule	831359
diltiazem hydrochloride 30 MG Oral Tablet	833217

List of Pharmacologic Therapy for Hypertension RxNorm Codes	
Description	Code
ramipril 1.25 MG Oral Capsule	845488
amlodipine 10 MG / hydrochlorothiazide 12.5 MG / valsartan 160 MG Oral Tablet	848131
amlodipine 10 MG / hydrochlorothiazide 25 MG / valsartan 320 MG Oral Tablet	848135
amlodipine 5 MG / hydrochlorothiazide 12.5 MG / valsartan 160 MG Oral Tablet	848140
amlodipine 5 MG / hydrochlorothiazide 25 MG / valsartan 160 MG Oral Tablet	848145
amlodipine 10 MG / hydrochlorothiazide 25 MG / valsartan 160 MG Oral Tablet	848151
bisoprolol fumarate 10 MG Oral Tablet	854901
bisoprolol fumarate 5 MG Oral Tablet	854905
bisoprolol fumarate 10 MG / hydrochlorothiazide 6.25 MG Oral Tablet	854908
bisoprolol fumarate 2.5 MG / hydrochlorothiazide 6.25 MG Oral Tablet	854916
bisoprolol fumarate 5 MG / hydrochlorothiazide 6.25 MG Oral Tablet	854919
perindopril erbumine 8 MG Oral Tablet	854925
perindopril erbumine 2 MG Oral Tablet	854984
perindopril erbumine 4 MG Oral Tablet	854988
hydrochlorothiazide 25 MG / propranolol hydrochloride 40 MG Oral Tablet	856422
hydrochlorothiazide 25 MG / propranolol hydrochloride 80 MG Oral Tablet	856429
1 ML propranolol hydrochloride 1 MG/ML Injection	856443
propranolol hydrochloride 10 MG Oral Tablet	856448
propranolol hydrochloride 20 MG Oral Tablet	856457
24 HR propranolol hydrochloride 120 MG Extended Release Oral Capsule	856460
24 HR propranolol hydrochloride 160 MG Extended Release Oral Capsule	856481
propranolol hydrochloride 40 MG Oral Tablet	856519
24 HR propranolol hydrochloride 60 MG Extended Release Oral Capsule	856535

List of Pharmacologic Therapy for Hypertension RxNorm Codes	
Description	Code
propranolol hydrochloride 60 MG Oral Tablet	856556
24 HR propranolol hydrochloride 80 MG Extended Release Oral Capsule	856569
propranolol hydrochloride 80 MG Oral Tablet	856578
propranolol hydrochloride 4 MG/ML Oral Solution	856724
propranolol hydrochloride 8 MG/ML Oral Solution	856733
fosinopril sodium 10 MG / hydrochlorothiazide 12.5 MG Oral Tablet	857166
fosinopril sodium 10 MG Oral Tablet	857169
fosinopril sodium 20 MG / hydrochlorothiazide 12.5 MG Oral Tablet	857174
fosinopril sodium 20 MG Oral Tablet	857183
fosinopril sodium 40 MG Oral Tablet	857187
12 HR nicardipine hydrochloride 45 MG Extended Release Oral Capsule	858580
12 HR nicardipine hydrochloride 30 MG Extended Release Oral Capsule	858587
200 ML nicardipine hydrochloride 0.1 MG/ML Injection	858599
200 ML nicardipine hydrochloride 0.2 MG/ML Injection	858603
10 ML nicardipine hydrochloride 2.5 MG/ML Injection	858607
nicardipine hydrochloride 20 MG Oral Capsule	858613
nicardipine hydrochloride 30 MG Oral Capsule	858616
enalapril maleate 2.5 MG Oral Tablet	858804
enalapril maleate 20 MG Oral Tablet	858810
enalapril maleate 5 MG Oral Tablet	858813
enalapril maleate 10 MG Oral Tablet	858817
enalapril maleate 5 MG / hydrochlorothiazide 12.5 MG Oral Tablet	858824
enalapril maleate 10 MG / hydrochlorothiazide 25 MG Oral Tablet	858828
24 HR carvedilol phosphate 10 MG Extended Release Oral Capsule	860510

List of Pharmacologic Therapy for Hypertension RxNorm Codes	
Description	Code
24 HR carvedilol phosphate 20 MG Extended Release Oral Capsule	860516
24 HR carvedilol phosphate 40 MG Extended Release Oral Capsule	860522
24 HR carvedilol phosphate 80 MG Extended Release Oral Capsule	860532
24 HR guanfacine 1 MG Extended Release Oral Tablet	862006
24 HR guanfacine 2 MG Extended Release Oral Tablet	862013
24 HR guanfacine 3 MG Extended Release Oral Tablet	862019
24 HR guanfacine 4 MG Extended Release Oral Tablet	862025
24 HR metoprolol succinate 100 MG Extended Release Oral Tablet	866412
24 HR metoprolol succinate 200 MG Extended Release Oral Tablet	866419
24 HR metoprolol succinate 25 MG Extended Release Oral Tablet	866427
24 HR metoprolol succinate 50 MG Extended Release Oral Tablet	866436
24 HR hydrochlorothiazide 12.5 MG / metoprolol succinate 100 MG Extended Release Oral Tablet	866452
24 HR hydrochlorothiazide 12.5 MG / metoprolol succinate 25 MG Extended Release Oral Tablet	866461
24 HR hydrochlorothiazide 12.5 MG / metoprolol succinate 50 MG Extended Release Oral Tablet	866472
hydrochlorothiazide 25 MG / metoprolol tartrate 100 MG Oral Tablet	866479
hydrochlorothiazide 25 MG / metoprolol tartrate 50 MG Oral Tablet	866482
hydrochlorothiazide 50 MG / metoprolol tartrate 100 MG Oral Tablet	866491
5 ML metoprolol tartrate 1 MG/ML Injection	866508
metoprolol tartrate 100 MG Oral Tablet	866511
metoprolol tartrate 50 MG Oral Tablet	866514
metoprolol tartrate 25 MG Oral Tablet	866924

List of Pharmacologic Therapy for Hypertension RxNorm Codes	
Description	Code
amlodipine 10 MG / telmisartan 40 MG Oral Tablet	876514
amlodipine 10 MG / telmisartan 80 MG Oral Tablet	876519
amlodipine 5 MG / telmisartan 40 MG Oral Tablet	876524
amlodipine 5 MG / telmisartan 80 MG Oral Tablet	876529
clonidine hydrochloride 0.1 MG Oral Tablet	884173
clonidine hydrochloride 0.2 MG Oral Tablet	884185
clonidine hydrochloride 0.3 MG Oral Tablet	884189
chlorthalidone 15 MG / clonidine hydrochloride 0.1 MG Oral Tablet	884192
chlorthalidone 15 MG / clonidine hydrochloride 0.2 MG Oral Tablet	884198
chlorthalidone 15 MG / clonidine hydrochloride 0.3 MG Oral Tablet	884203
10 ML clonidine hydrochloride 0.1 MG/ML Injection	884221
10 ML clonidine hydrochloride 0.5 MG/ML Injection	884225
24 HR clonidine 0.17 MG Extended Release Oral Tablet	885880
labetalol hydrochloride 100 MG Oral Tablet	896758
labetalol hydrochloride 200 MG Oral Tablet	896762
labetalol hydrochloride 300 MG Oral Tablet	896766
labetalol hydrochloride 5 MG/ML Injectable Solution	896771
24 HR verapamil hydrochloride 100 MG Extended Release Oral Capsule	897584
24 HR verapamil hydrochloride 200 MG Extended Release Oral Capsule	897590
24 HR verapamil hydrochloride 300 MG Extended Release Oral Capsule	897596
24 HR verapamil hydrochloride 120 MG Extended Release Oral Capsule	897612
24 HR verapamil hydrochloride 180 MG Extended Release Oral Capsule	897618

List of Pharmacologic Therapy for Hypertension RxNorm Codes	
Description	Code
24 HR verapamil hydrochloride 240 MG Extended Release Oral Capsule	897624
24 HR verapamil hydrochloride 360 MG Extended Release Oral Capsule	897630
verapamil hydrochloride 180 MG Extended Release Oral Tablet	897640
verapamil hydrochloride 240 MG Extended Release Oral Tablet	897649
verapamil hydrochloride 120 MG Extended Release Oral Tablet	897659
verapamil hydrochloride 120 MG Oral Tablet	897666
verapamil hydrochloride 80 MG Oral Tablet	897683
verapamil hydrochloride 40 MG Oral Tablet	897722
24 HR trandolapril 1 MG / verapamil hydrochloride 240 MG Extended Release Oral Tablet	897781
24 HR trandolapril 2 MG / verapamil hydrochloride 180 MG Extended Release Oral Tablet	897783
24 HR trandolapril 2 MG / verapamil hydrochloride 240 MG Extended Release Oral Tablet	897844
24 HR trandolapril 4 MG / verapamil hydrochloride 240 MG Extended Release Oral Tablet	897853
4 ML verapamil hydrochloride 2.5 MG/ML Prefilled Syringe	898316
amlodipine 10 MG / benazepril hydrochloride 20 MG Oral Capsule	898342
amlodipine 10 MG / benazepril hydrochloride 40 MG Oral Capsule	898346
amlodipine 2.5 MG / benazepril hydrochloride 10 MG Oral Capsule	898350
amlodipine 5 MG / benazepril hydrochloride 10 MG Oral Capsule	898353
amlodipine 5 MG / benazepril hydrochloride 20 MG Oral Capsule	898356
amlodipine 5 MG / benazepril hydrochloride 40 MG Oral Capsule	898359

List of Pharmacologic Therapy for Hypertension RxNorm Codes	
Description	Code
benazepril hydrochloride 10 MG / hydrochlorothiazide 12.5 MG Oral Tablet	898362
benazepril hydrochloride 20 MG / hydrochlorothiazide 12.5 MG Oral Tablet	898367
benazepril hydrochloride 20 MG / hydrochlorothiazide 25 MG Oral Tablet	898372
benazepril hydrochloride 5 MG / hydrochlorothiazide 6.25 MG Oral Tablet	898378
benazepril hydrochloride 10 MG Oral Tablet	898687
benazepril hydrochloride 20 MG Oral Tablet	898690
benazepril hydrochloride 40 MG Oral Tablet	898719
benazepril hydrochloride 5 MG Oral Tablet	898723
hydralazine hydrochloride 10 MG Oral Tablet	905199
hydralazine hydrochloride 100 MG Oral Tablet	905222
hydralazine hydrochloride 25 MG Oral Tablet	905225
hydralazine hydrochloride 37.5 MG / isosorbide dinitrate 20 MG Oral Tablet	905377
hydralazine hydrochloride 50 MG Oral Tablet	905395
1 ML hydralazine hydrochloride 20 MG/ML Injection	966571
amiloride hydrochloride 5 MG Oral Tablet	977880
amiloride hydrochloride 5 MG / hydrochlorothiazide 50 MG Oral Tablet	977883
hydrochlorothiazide 12.5 MG / losartan potassium 100 MG Oral Tablet	979464
hydrochlorothiazide 12.5 MG / losartan potassium 50 MG Oral Tablet	979468
hydrochlorothiazide 25 MG / losartan potassium 100 MG Oral Tablet	979471
losartan potassium 100 MG Oral Tablet	979480
losartan potassium 25 MG Oral Tablet	979485
losartan potassium 50 MG Oral Tablet	979492
168 HR clonidine 0.00417 MG/HR Transdermal System	998671
168 HR clonidine 0.00833 MG/HR Transdermal System	998675

List of Pharmacologic Therapy for Hypertension RxNorm Codes	
Description	Code
168 HR clonidine 0.0125 MG/HR Transdermal System	998679
acebutolol 400 MG Oral Capsule	998685
acebutolol 200 MG Oral Capsule	998689
amlodipine 5 MG / hydrochlorothiazide 12.5 MG / olmesartan medoxomil 20 MG Oral Tablet	999967
amlodipine 10 MG / hydrochlorothiazide 12.5 MG / olmesartan medoxomil 40 MG Oral Tablet	999986
amlodipine 10 MG / hydrochlorothiazide 25 MG / olmesartan medoxomil 40 MG Oral Tablet	999991
amlodipine 5 MG / hydrochlorothiazide 12.5 MG / olmesartan medoxomil 40 MG Oral Tablet	999996

SNOMED

List of Dietary Recommendations SNOMED Codes			
103699006	1151000175103	11816003	182922004
183061003	183065007	183070000	183071001
281085002	284071006	284352003	285383009
289176001	304491008	306163007	370847001
386464006	410114009	410171007	410177006
410270001	413315001	418995006	424753004
435771000124106	436691000124108	436951000124105	437231000124109
437421000124105	443288003	61310001	699849008
715282001	770749002		

List of Lifestyle Recommendation SNOMED Codes		
313204009	39155009	443402002

List of Medical Reason SNOMED Codes	
Description	Code
Procedure contraindicated (situation)	183932001
Treatment not indicated (situation)	183964008

List of Medical Reason SNOMED Codes	
Description	Code
Drug treatment not indicated (situation)	183966005
Absent response to treatment (situation)	266721009
Late effect of medical and surgical care complication (disorder)	269191009
Drug resistance (disorder)	31438003
Complication of medical care (disorder)	35688006
Treatment not tolerated (situation)	407563006
Not indicated (qualifier value)	410534003
Contraindicated (qualifier value)	410536001
Allergy to drug (finding)	416098002
Procedure not indicated (situation)	428119001
Intolerance to drug (finding)	59037007
Adverse reaction caused by drug (disorder)	62014003
Drug interaction (finding)	79899007

List of Patient Declined SNOMED Codes	
Description	Code
Refusal of treatment by patient (situation)	105480006
Referral to service declined by subject (situation)	895451009
Procedure refused for religious reason (situation)	183945002
Patient non-compliant - refused intervention / support (situation)	413311005

List of Recommendation to Increase Physical Activity SNOMED Codes				
281090004	304507003	304549008	386291006	386292004
386373004	386463000	410289001		

List of Referral or Counseling for Alcohol Consumption SNOMED Codes	
Description	Code
Alcohol rehabilitation and detoxification (regime/therapy)	20093000

List of Referral or Counseling for Alcohol Consumption SNOMED Codes	
Description	Code
Combined alcohol and drug rehabilitation and detoxification (regime/therapy)	23915005
Alcoholism counseling (procedure)	24165007
Education about alcohol consumption (procedure)	281078001
Alcohol rehabilitation (regime/therapy)	35637008
Substance use treatment: alcohol withdrawal (regime/therapy)	386449006
Referral to alcoholism rehabilitation service (procedure)	38670004
Referral to community alcohol team (procedure)	390857005
Alcohol abuse prevention education (procedure)	408947007
Alcohol abuse prevention management (procedure)	408948002
Alcohol disorder monitoring (regime/therapy)	413130000
Counseling about alcohol consumption (procedure)	413473000
Referral to community drug and alcohol team (procedure)	417096006
Referral to specialist alcohol treatment service (procedure)	431260004
Management of alcohol intake (procedure)	440671000124106
Combined alcohol and drug rehabilitation (regime/therapy)	62213004
Detoxication psychiatric therapy for alcoholism (regime/therapy)	64297001
Alcohol reduction program (regime/therapy)	707166002
Alcohol harm reduction program (regime/therapy)	720175009
Alcohol relapse prevention program (regime/therapy)	720176005
Alcohol twelve step program (regime/therapy)	720178006
Alcohol abuse surveillance (regime/therapy)	737363002
Alcohol detoxification (regime/therapy)	827094004

List of Referral to Primary Care or Alternate Provider SNOMED Codes			
134403003	183516009	183561008	183856001
306206005	306253008	306362008	308470006
453641000124107			

List of Weight Reduction Recommended SNOMED Codes			
1181000175107	170795002	248114003	266724001
268523001	284352003	289169006	307818003
388962008	388970003	388975008	398752005
388976009	408289007	410199003	410200000
410201001	445033007	718361005	

Initial Population: Analysis of Specification

NextGen Healthcare Analysis	Mapping	Values
Patient ages 18 or older at the start of the measurement period	Person table	Age in years and months
AND		
All patient visit encounters during the measurement period WITHOUT Telehealth Modifiers: GT, GQ, 95, POS02 Note: Telehealth encounters are not eligible for this measure because the measure requires a clinical action that cannot be conducted through telehealth.	Procedures module, SNOMED Visit Type window	List of Values

Denominator: Analysis of Specification

NextGen Healthcare Analysis	Mapping	Values
As defined via Initial Population criteria		

Denominator Exclusions: Analysis of Specification

NextGen Healthcare Analysis	Mapping	Values
Active hypertension diagnosis prior to the patient visit encounter Note: Hypertension cannot be resolved during blood pressure screening encounter	Diagnosis module, Problems module	List of Values

Numerator: Analysis of Specification

NextGen Healthcare Analysis	Mapping	Values
Most recent results of diastolic blood pressure and systolic blood pressure during Occurrence A of a BP screening encounter	Adult Vital Signs window	List of Values
AND		
Normal Blood Pressure		
Documentation of most recent systolic BP results < 120 mmHg during a BP screening encounter	Adult Vital Signs window	List of Values
AND Documentation of most recent diastolic BP results < 80 mmHg during a BP screening encounter		
OR		
Encounter with Elevated Blood Pressure Reading Systolic 120 to 129 mmHg AND Diastolic < 80 mmHg and Interventions		
Documentation of most recent Systolic Blood Pressure results between 120 mmHg to 129 mmHg and Diastolic Blood Pressure results between 1 to 80mmHg during Occurrence A of Encounter to Screen for Blood Pressure	Adult Vital Signs window	List of Values
AND		
Documentation of Follow up with Rescreen within 6 months ordered during Occurrence A of a BP Screening encounter AND Documentation of Nonpharmacological Intervention Order of: • Lifestyle Recommendation OR • Weight Reduction Recommended OR • Dietary Recommendations OR • Recommendation to Increase Physical Activity OR • Referral or Counseling for Alcohol Consumption On same day as the start of Occurrence A of a BP screening encounter	Adult Vital Signs window, Health Promotion Plan window, Procedures module, Diagnosis module, Order Timeframe window, Follow-up/ Disposition window	List of Values
OR		

NextGen Healthcare Analysis	Mapping	Values
Documentation of Intervention Referral to Alternate or Primary Care Healthcare Professional for Hypertensive Reading ordered during Occurrence A of a BP screening encounter AND Reason for referral as 'Finding of Elevated BP or HTN on the date of the qualifying intervention encounter	Health Promotion Plan window, Diagnosis module, Problems module	List of Values
OR		
Encounter with First Hypertensive Reading Systolic > = 130 mmHg OR Diastolic > =80 mmHg and Interventions:		
Encounter with hypertensive reading in the prior year		
Patients who DO NOT have: Systolic and diastolic BP with/ results performed within 1 year or less before the Occurrence A of a BP screening encounter OR Documentation of most recent BP taken 1 year before the Occurrence A of a BP screening encounter with results: Systolic BP w/ results > 0 mmHg AND Diastolic BP w/ results > 0 mmHg AND Systolic BP w/ results > = 130 mmHg OR Diastolic BP w/ results > = 80 mmHg	Adult Vital Signs window	List of Values
AND		
Documentation of the most recent BP taken during Occurrence A of a BP screening encounter with results: Systolic BP >= 130 mmHg OR Diastolic BP >= 80 mmHg	Adult Vital Signs window	List of Values
AND		
Documentation of Follow up within 4 weeks (>1 day and < 4 weeks) during Occurrence A of BP Screening Encounter AND	Health Promotion Plan window, Procedures module, Diagnosis module, Order Timeframe window, Follow-up/ Disposition window	List of Values

NextGen Healthcare Analysis	Mapping	Values
Documentation of Nonpharmacological Intervention Order of: • Lifestyle Recommendation OR • Weight Reduction Recommended OR • Dietary Recommendations OR • Recommendation to Increase Physical Activity OR • Referral or Counseling for Alcohol Consumption Ordered during Occurrence A of a BP screening encounter		
OR		
Documentation of Referral to Primary Care or Alternate Provider ordered during Occurrence A of a BP screening encounter AND Reason for referral as 'Finding of Elevated Blood Pressure or Hypertension' on the date of the qualifying intervention encounter.	Health Promotion Plan window, Diagnosis module, Problems module	List of Values
OR		
Encounter with Second Hypertensive Reading Systolic 130 to 139 mmHg OR Diastolic 80 to 89 mmHg and Interventions:		
Patients with the most recent Systolic BP $\geq$ 130 mmHg performed during 1 year before Occurrence A of a BP screening encounter OR Patients with the most recent diastolic BP $\geq$ 80 mmHg performed during 1 year before Occurrence A of a BP screening encounter	Adult Vital Signs window	List of Values
AND		
Documentation of the most recent Systolic BP between 130 mmHg to 139 mmHg AND NOT $\geq$ 140 mmHg performed during Occurrence A of a BP screening encounter OR Documentation of the most recent Diastolic Blood Pressure between 80 mmHg to 89 mmHg AND NOT $\geq$ 90 mmHg performed during Occurrence A of a BP screening encounter	Adult Vital Signs window	List of Values
AND		

NextGen Healthcare Analysis	Mapping	Values
Documentation of Follow up with Rescreen within 6 months ordered during Occurrence A of a BP screening encounter AND Documentation of Nonpharmacological Intervention Order of: • Lifestyle Recommendation OR • Weight Reduction Recommended OR • Dietary Recommendations OR • Recommendation to Increase Physical Activity OR • Referral or Counseling for Alcohol Consumption Ordered during Occurrence A of BP Screening Encounter AND Documentation of Laboratory Tests or ECG for Hypertension ordered during Occurrence A a BP screening encounter	Adult Vital Signs window, Health Promotion Plan window, Orders module, Diagnosis module, Problems module	List of Values
OR		
Documentation of Referral to Primary Care or Alternate Provider ordered during Occurrence A of BP Screening Encounter AND Reason for referral as Finding of Elevated BP or Hypertension on the date of the qualifying intervention encounter	Health Promotion Plan window, Diagnosis module, Problems module	List of Values
OR		
Encounter with Second Hypertensive Reading Systolic > = 140 mmHg OR Diastolic >= 90 mmHg and Interventions:		
Patients with the most recent Systolic BP >= 130 mmHg performed during 1 year before Occurrence A of a BP screening encounter OR Patients with the most recent Diastolic BP >= 80 mmHg performed during 1 year before Occurrence A of a BP screening encounter	Adult Vital Signs window	List of Values
AND		
Documentation of the most recent Systolic BP > 0 mmHg and >= 140 mmHg performed during Occurrence A of a BP screening encounter OR	Adult Vital Signs window	List of Values

NextGen Healthcare Analysis	Mapping	Values
Documentation of the most recent Diastolic BP > 0 mmHg and >= 90 mmHg performed during Occurrence A of a BP screening encounter		
AND		
Documentation of Follow up within 4 weeks (>1 day and < 4 weeks) ordered during Occurrence A a BP screening encounter AND Documentation of Nonpharmacological Intervention Order of: • Lifestyle Recommendation OR • Weight Reduction Recommended OR • Dietary Recommendations OR • Recommendation to Increase Physical Activity OR • Referral or Counseling for Alcohol Consumption Ordered same day as Laboratory Test or ECG for Hypertension AND Documentation of Pharmacologic Therapy for Hypertension ordered on the same day as Laboratory Test or ECG for Hypertension	Adult Vital Signs window, Health Promotion Plan window, Orders module, Diagnosis module, Problems module	List of Values
OR		
Documentation of Referral to Primary Care or Alternate Provider ordered during Occurrence A of a BP screening encounter AND Reason for referral as 'Finding of Elevated BP or Hypertension' on the date of the qualifying intervention encounter.	Health Promotion Plan window, Diagnosis module, Problems module	List of Values

Numerator Exclusions: Analysis of Specification

NextGen Healthcare Analysis	Mapping	Values
NONE		

Denominator Exceptions: Analysis of Specification

NextGen Healthcare Analysis	Mapping	Values
Medical Reason Diastolic Blood Pressure OR Systolic Blood Pressure not obtained during a BP screening encounter	Exceptions/ Measures window	List of Values
OR		
Patient Declined Diastolic Blood Pressure measurement OR Systolic Blood Pressure not performed during a BP screening encounter	Exceptions/ Measures window	List of Values
OR		
Encounter with Elevated Blood Pressure Reading Systolic 120 to 129 mmHg AND Diastolic > 80 mmHg Interventions Declined:		
Documentation of Nonpharmacological Intervention Order of: • Lifestyle Recommendation OR • Weight Reduction Recommended OR • Dietary Recommendations OR • Recommendation to Increase Physical Activity OR • Referral or Counseling for Alcohol Consumption OR • Follow up within 6 months (finding) NOT ordered for Patient Declined Reasons within 1 day after or during an elevated BP screening encounter	Exceptions/ Measures window	List of Values
OR		
Encounter with First Hypertensive Reading Systolic > = 130 mmHg OR Diastolic > =80 mmHg Interventions Declined:		
Documentation of Nonpharmacological Intervention Order of: • Lifestyle Recommendation OR • Weight Reduction Recommended OR • Dietary Recommendations OR • Recommendation to Increase Physical Activity OR • Referral or Counseling for Alcohol Consumption OR	Exceptions/ Measures window	List of Values

NextGen Healthcare Analysis	Mapping	Values
- Referral to Primary Care or Alternate Provider OR - Follow up within 4 weeks (finding) NOT ordered for Patient Declined Reasons within 1 day after or during the first hypertensive BP screening encounter		
OR		
Encounter with First Hypertensive Reading Systolic > = 130 mmHg OR Diastolic > =80 mmHg Interventions Declined:		
Documentation of Nonpharmacological Intervention Order of: - Lifestyle Recommendation OR - Weight Reduction Recommended OR - Dietary Recommendations OR - Recommendation to Increase Physical Activity OR - Referral or Counseling for Alcohol Consumption OR - Referral to Primary Care or Alternate Provider OR - Follow up within 6 months (finding) OR - Laboratory Test or ECG for Hypertension NOT ordered for Patient Declined Reasons within 1 day after or during the second hypertensive BP screening encounter	Exceptions/ Measures window	List of Values
OR		
Encounter with Second Hypertensive Reading Systolic > = 140 mmHg OR Diastolic >= 90 mmHg Interventions Declined:		
Documentation of Nonpharmacological Intervention Order of: - Lifestyle Recommendation OR - Weight Reduction Recommended OR - Dietary Recommendations OR - Recommendation to Increase Physical Activity OR - Referral or Counseling for Alcohol Consumption OR - Referral to Primary Care or Alternate Provider OR - Pharmacologic Therapy for Hypertension OR - Laboratory Tests or ECG for Hypertension OR - Follow up within 4 weeks (finding)	Exceptions/ Measures window	List of Values

NextGen Healthcare Analysis	Mapping	Values
NOT ordered for Patient Declined Reasons within 1 day after or during the second hypertensive BP screening encounter		

Stratification: Analysis of Specification

NextGen Healthcare Analysis	Mapping	Values
None		

Special Considerations

NextGen Healthcare provides special considerations for your review in reporting CMS 22 v12.

Denominator exceptions criteria for all CQM measures are excluded from the numerator.

CMS definition: **Denominator Exceptions (DException)**: A subset of the denominator. Only those members of the denominator that are considered for numerator membership and are not included are considered for membership in the denominator exceptions. This measure reports on unique episodes.

Assumptions

For more information on NextGen HQM assumptions, refer to the following link:

https://www.community.nextgen.com/articles/White_Papers/Assumptions-for-Health-Quality-Measures-Portal-Measures-Papers.

NextGen HQM Data Assumptions

The following list outlines some of the NextGen HQM data assumptions:

- Qualifying data from NextGen Adaptive Content Engine
- **Diagnosis** and **Diagnosis Date**
- **Lab Results** and **Lab Results Date**
- **Age**
- **Demographic Data**
- **Medication Dates**
- **Medications**
- `Order_table`
- Window templates
- **Visit Type**
- **Vital Signs**

References

NextGen Healthcare provides links for more information about Health Quality Measures.

See Also

- [NextGen Healthcare](#)
- [HQM Documentation](#)
- [CMS](#)

Document Revision History

Program Year	Program Name	Date	Document Version	Summary of Changes
2025	CMS	12/12/2024	1.0	Initial Release