

## Comprehensive Diabetes Care (CDC): Blood Pressure Control

### Patient Profile

MVP members 18–75 years of age with Diabetes (Type 1 and Type 2) and who have had adequate blood pressure control (Systolic <140 and Diastolic <90) during the current calendar year.

**Note:** To identify members with diabetes, you need claim/encounter data and pharmacy data. Refer to Diabetes Medications Table listed below.

### Diabetes Medications

Description	Prescription		
Alpha-glucosidase inhibitors	Acarbose	Miglitol	
Amylin analogs	Pramlintide		
Antidiabetic combinations	Alogliptin-metformin Metformin-pioglitazone Metformin-saxagliptin Glyburide-metformin Canagliflozin-metformin	Empagliflozin-metformin Metformin-repaglinide Metformin-sitagliptin Linagliptin-metformin Dapagliflozin-metformin	Glimepiride-pioglitazone Metformin-rosiglitazone Glipizide-metformin Alogliptin-pioglitazone Empagliflozin-linagliptin
Insulin	Insulin aspart Insulin regular human Insulin human inhaled Insulin degludec Insulin glulisine	Insulin isophane human Insulin aspart-insulin aspart protamine Insulin lispro-insulin lispro protamine Insulin detemir Insulin isophane-inslin regular	Insulin lispro Insulin glargine
Meglitinides	Nateglinide	Repaglinide	
Glucagon-like peptide 1 (GLP1) agonist	Dulaglutide Exenatide	Liraglutide (excluding Saxenda®) Albiglutide	
Sodium glucose cotransporter 2 (SGLT2) inhibitor	Canagliflozin	Empagliflozin	
Sulfonylureas	Chlorpropamide Glyburide	Glimepiride Tolazamide	Glipizide Tolbutamide
Thiazolidinediones	Pioglitazone	Rosiglitazone	
Dipeptidyl peptidase-4 (DDP-4) inhibitors	Alogliptin Saxagliptin	Linagliptin Sitagliptin	

**Note:** Glucophage/metformin as a solo agent is not included because it is used to treat conditions other than diabetes; members with diabetes on these medications are identified through diagnosis codes only.

For information on medications covered by MVP, see the MVP Medicaid Drug Formulary available by visiting [mvphealthcare.com](http://mvphealthcare.com) and selecting *Providers*, then *Pharmacy*, then *MVP Formularies*.

Exclude members who, during the measurement year meet any of the following:

- Taking dementia medications such as Donepezil, Galantamine, Rivastigmine, Memantine, and Donepezil-memantine
- Evidence of Palliative or Hospice Care services

- Members who are 66 years old and older as of 12/31 who are enrolled in an Institutional Special Needs Plan or living long-term in an institution
- Members age 66 or older with frailty and advanced illness
- Members **who do not have** a diagnosis of diabetes or has gestational or steroid induced diabetes



## How to Implement Best Practices and Improve Performance

- Identify member as having a diagnosis of Type 1 or Type 2 Diabetes either during the measurement year or the year prior to the measurement year.
- Blood pressure readings from remote monitoring devices are allowed to be taken by the member from any digital device during a phone visit, e-visit, and/or virtual check-in.
- Be sure to repeat and document the blood pressure measurement at any visit where the initial reading is  $\geq 140$  systolic and/or  $\geq 90$  diastolic. There is no limit to the number of blood pressure readings taken at any one visit. The systolic and diastolic values do not have to be from the same reading. MVP will report the lowest systolic and diastolic values submitted for that date of service.
- Routinely schedule blood pressure re-check appointments for patients after adjustments in therapy.
- For patients with repeated systolic blood pressure readings of 140 or higher and/or diastolic blood pressure readings of 90 or higher late in the calendar year, schedule a blood pressure re-check appointment prior to January 1.
- Self-reported blood pressure readings taken with a digital monitoring device maybe used.
- Ranges and thresholds cannot be accepted; only exact systolic and diastolic readings can be submitted.
- Statements such as “rule out HTN,” “possible HTN,” “white-coat HTN,” “questionable HTN,” and “consistent with HTN” are not sufficient to confirm the diagnosis, if such statements are the only notations of hypertension in the medical record.
- Blood pressure values taken from ED visits or acute inpatient settings are not eligible for submission.
- The latest documented blood pressure value of the year will be used for reporting purposes. Blood pressure readings from dates on which the patient had a diagnostic test or procedure that required an alteration in diet or medication within the previous 24 hours (with the exception of fasting blood work), are not eligible. In that event, submit the blood pressure reading otherwise closest to the end of the calendar year.

When excluding blood pressure readings from the numerator, the intent is to identify diagnostic or therapeutic procedures that require a medication regimen, a change in diet, or a change in medication. For example:

- A colonoscopy requires a change in diet ("nothing by mouth", or NPO, on the day of procedure) and a medication change (a medication is taken to prep the colon).
- Dialysis, infusions, and chemotherapy are all therapeutic procedures that require a medication regimen.
- A nebulizer treatment with albuterol is considered a therapeutic procedure that requires a medication regimen.
- A patient forgetting to take regular medications on the day of a procedure is not considered a required change in medications, therefore the blood pressure reading must be submitted if it is the latest one of the current year.

Blood pressure readings taken on the same day that the patient receives a common low-intensity or preventive procedure are eligible for use. For example, the following procedures are considered common low-intensity or preventive procedures:

- Vaccinations
- Injections (e.g., allergy, vitamin B-12, insulin, steroid, toradol, Depo-Provera, testosterone)
- TB test
- IUD insertion
- Eye exam with dilating agents

<b>2021 Coding for Comprehensive Diabetes Care (CDC): Blood Pressure Control</b>	
<b>Codes for CDC: Blood Pressure Control</b>	<b>Use of these codes will make the member a pass for CDC, specifically Blood Pressure Control</b>
<b>Acute Inpatient with Diagnosis of Diabetes and without Telehealth Modifier</b>	<b>CPT:</b> 99221-99223, 99231-99233, 99238-99239, 99251-99255, 9929
	<b>SNOMED CT US:</b> Multiple codes including, but not limited to 417005, 1505002, 2252009, 2876009, 4563007, 5161006, 8715000, 10378005, 25986004, 32485007, 45702004, 52748007, 60059000, 73607007, 81672003, 183512006, 235313004, 304566005, 398162007, 405614004, 699124006, 3241000175106, 432621000124105, 448851000124103
<b>Diabetes</b>	<b>ICD-10 CM:</b> Multiple codes in E10.10 through O24.83 code values.
	<b>SNOMED CT US:</b> Over 200 codes including, but not limited to, 2751001, 4783006, 4855003, 5969009, 8801005, 9859006, 19378003, 23045005, 24203005, 25412000, 26298008, 28032008, 33559001, 35777006, 38205001, 39058009, 39127005, 39181008, 42954008, 44054006, 46635009, 48951005, 49455004, 50620007, 51002006, 57886004, 59079001, 59276001, 63510008, 368521000119107, 368581000119106, 368711000119106, 368721000119104, 368741000119105, 10754881000119104, 530558861000132104
<b>Diabetes Mellitus Without Complications</b>	<b>ICD-10 CM:</b> E10.9, E11.9, E13.9
	<b>SNOMED CT US:</b> 111552007, 190412005, 313435000, 313436004, 1481000119100, 31321000119102
<b>Diastolic Blood Pressure</b>	<b>CPT-CAT II:</b> 3078F-3080F
	<b>LOINC:</b> 8462-4
	<b>SNOMED CT US:</b> 271650006
<b>Diastolic 80-89</b>	<b>CPT-CAT-II:</b> 3079F
<b>Diastolic Greater Than/Equal to 90</b>	<b>CPT- CAT-II:</b> 3080F
<b>Diastolic Less Than 80</b>	<b>CPT-CAT-II:</b> 3078F
<b>ED</b>	<b>CPT:</b> 99281-99285
	<b>SNOMED CT US:</b> 4525004
	<b>UB Rev:</b> 0450-0452, 0456, 0459, 098
<b>Inpatient Stay</b>	<b>UB Rev:</b> 0164, 0167, 0179, 0219, 0100-1, 0110-14, 0116-24, 0126-34, 0136-44, 0146-54, 0156-60, 0169-74, 0190-94, 0199-0204, 0206-14, 1000-2
<b>Nonacute Inpatient With a Diagnosis of Diabetes</b>	<b>CPT:</b> 99304-99310, 99315-99316, 99318, 99324-99328, 99334-99337
	<b>SNOMED CT US:</b> 36723004, 112690009, 183430001, 183921001, 304567001, 304568006, 305336008, 305340004, 305381007, 306804001, 449411000124106, 449421000124103, 449431000124100
<b>Observation</b>	<b>CPT:</b> 99217-99220
<b>Online Assessment</b>	<b>CPT:</b> 98969-72, 99421-23, 99444, 99457
	<b>HCPCS Codes:</b> G0071, G2010, G2012, G2061-63
<b>Outpatient</b>	<b>CPT:</b> 99201-99205, 99211-99215, 99241-99245, 99341-99345, 99347-99350, 99381-99387, 99391-99397, 99401-99404, 99411-99412, 99420, 99429, 99455-99456, 99483
	<b>HCPCS:</b> G0402, G0438-G0439, G0463, T1015
	<b>SNOMED CT US:</b> 30346009, 37894004, 77406008, 84251009, 185463005, 185464004, 185465003, 281036007, 439740005, 3391000175108, 444971000124105
	<b>UB Rev:</b> 0510-0517, 0519-0523, 0526-0529, 0982-0983
<b>Remote Blood Pressure Monitoring</b>	<b>CPT:</b> 93784, 93788, 93790, 99453, 99454, 99457, 99091, 99473-99474
	<b>SNOMED CT US:</b> 448678005, 725956001
<b>Systolic Blood Pressure</b>	<b>CPT-CAT II:</b> 3074F, 3075F, 3077F
	<b>LOINC:</b> 8480-6
	<b>SNOMED CT US:</b> 271649006
<b>Systolic Greater Than/Equal To 140</b>	<b>CPT-CAT-II:</b> 3077F

**2021 Coding for Comprehensive Diabetes Care (CDC): Blood Pressure Control**

<b>Systolic Less Than 140</b>	<b>CPT-CAT-II:</b> 3074F, 3075
<b>Telehealth Modifier</b>	<b>CPT Modifier:</b> 95, GT
<b>Telehealth POS</b>	<b>POS:</b> 02
<b>Telephone Visit</b>	<b>CPT:</b> 98966, 98967, 98968, 99441, 99442, 99443
	<b>SNOMED CT US:</b> 185317003, 314849005, 386472008, 386473003, 401267002
<b>Exclusion from CDC: Blood Pressure Control</b>	<b>Use of these codes will exclude member from CDC, specifically Blood Pressure Control</b>
<b>Acute Inpatient If Diagnosed with Advanced Illness</b>	<b>CPT:</b> 99221-99223, 99231-99233, 99238-99239, 99251-99255, 99291
	<b>SNOMED CT US:</b> Multiple codes including, but not limited to, 417005, 1505002, 2252009, 4563007, 5161006, 8715000, 19951005, 25986004, 32485007, 45702004, 52748007, 60059000, 78680009, 81672003, 183512006, 235313004, 398162007, 405614004, 699124006, 3241000175106, 432621000124105, 448851000124103
<b>Advanced Illness (either inpatient or any outpatient setting including e-visits, virtual check-ins, telehealth visits, or telephone visits will exclude members)</b>	<b>ICD-10 CM:</b> Multiple codes such as A81.00, A81.01, A81.09, C25.1-C25.9, C71.0-C71.9, C77.0-C94.32, F01.50-F10.97, G10-G31.83, through N18.6
<b>Dementia</b>	<b>ICD-10 CM:</b> F01.50-F01.51, F02.80-F02.81, F03.90-F03.91, F04, F10.27, F10.97, F13.27, F13.97, F18.17, F18.27, F18.97, F19.17, F19.27, F19.97, G30.0-G30.1, G30.8-G30.9, G31.83
	<b>SNOMED CT US:</b> Multiple codes including, but not limited to 4817008, 6475002, 9345005, 10349009, 26929004, 32875003, 51928006, 59651006, 62239001, 70936005, 82959004, 90099008, 111480006, 191449005, 278857002, 312991009, 429998004, 442344002, 698624003, 788899002, 1581000119101, 22381000119105, 31081000119101, 79341000119107, 82361000119107, 97751000119108, 101421000119107, 142011000119109, 288631000119104, 428051000124108, 430771000124100, 16219201000119101, 16276361000119109
<b>Diabetes Exclusions (includes Polycystic Ovarian Syndrome, Gestational and Steroid Induced Diabetes)</b>	<b>ICD-10 CM:</b> Multiple codes from E08.00-E08.9, E09.00-E09.9, O24.410-O24.93
	<b>SNOMED CT US:</b> 5368009, 11687002, 46894009, 75022004, 190416008, 190437000, 190447002, 303059007, 372048000, 408540003, 413183008, 721286008, 40791000119105, 40801000119106, 367261000119100, 367391000119102, 10753491000119101
<b>Frailty Device</b>	<b>HCPCS:</b> E0100, E0105, E0130, E0135, E0140-E0141, E0143-E0144, E0147-E0149, E0163, E0165, E0167-E0168, E0170-E0171, E0250-E0251, E0255-E0256, E0260-E0261, E0265-E0266, E0270, E0290-E0297, E0301-E0304, E0424-E0425, E0430-E0431, E0433-E0435, E0439-E0444, E0462, E0465-E0466, E0470-E0472, E0561-E0562, E1130, E1140, E1150, E1160-E1161, E1240, E1250, E1260, E1270, E1280, E1285, E1290, E1295-E1298
<b>Frailty Diagnosis</b>	<b>ICD-10 CM:</b> Over 200 codes ranging from L89.000-L89.029, L89.100-L89.150, L89.200-L89.229, L89.300-L89.329, L89.40-L89.46, L89.500-L89.529, L89.600-L89.629, L89.810-L89.899, L89.90-L89.96, M62.50, M62.81, M62.84, W01.0XXA, W01.0XXD-W18.30XS
	<b>SNOMED CT US:</b> 74 codes including, but not limited to 16728003, 52702003, 129588001, 214437002, 217157004, 823018004, 1063715100011910
<b>Frailty Encounter</b>	<b>CPT:</b> 99504, 99509
	<b>HCPCS:</b> G0162, G0299, G0300, G0493, G0494, S0271, S0311, S9123, S9124, T1000-5, T1019-22, T1030-31
<b>Frailty Symptom</b>	<b>ICD-10 CM:</b> R26.0-R26.2, R26.89, R26.9, R41.81, R53.1, R53.81, R53.83, R54, R62.7, R63.4, R63.6, R64
	<b>SNOMED CT US:</b> 135 codes including, but not limited to 4468000, 26544005, 78691002, 160684002, 162239000, 224960004, 250033003, 262285001, 272036004, 784318009, 16419651000119103

**2021 Coding for Comprehensive Diabetes Care (CDC): Blood Pressure Control**

<b>Hospice Encounter</b>	<b>HCPCS:</b> G9474-79, Q5003-8, Q5010, S9126, T2042-46
	<b>SNOMED CT US:</b> 183919006, 183920000, 183921001, 350336008, 305911006
	<b>UB Rev:</b> 0115, 0125, 0135, 0145, 0155, 0235, 0650-52, 0655-59
<b>Hospice Intervention</b>	<b>CPT:</b> 99377-78
	<b>HCPCS:</b> G08182
	<b>SNOMED CT US:</b> 170935008, 170936009, 385763009
<b>Nonacute Inpatient Stay</b>	<b>UB Rev:</b> 0022, 0024, 0118, 0128, 0138, 0148, 0158, 0190-0194, 0199, 0524-0525, 0550-0552, 0559, 0660-0663, 0669, 1000, 1001, 1002
<b>Palliative Care Assessment</b>	<b>ICD-10 CM:</b> Z51.5
<b>Palliative Encounter</b>	<b>HCPCS:</b> G9054, M1017
	<b>ICD-10 CM:</b> Z51.5
	<b>SNOMED CT US:</b> 305284002, 305381007, 305686008, 305824005, 441874000, 713281006, 4901000124101
<b>Palliative Intervention</b>	<b>SNOMED CT US:</b> 103735009, 105402000, 395669003, 395670002, 395694002, 395695001, 443761007, 1841000124106, 433181000124107