

PROVIDER MANUAL FOR

Pharmacy Medical Billing Manual



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CONTACTS AND REFERENCES

CONTACTS

Pharmacy Claim Inquiries	1-701-328-4086 medicaidpharmacy@nd.gov
Medical Claim Inquiries / Eligibility Verification Line	1-877-328-7098 mmisinfo@nd.gov
Medical Services	1-800-755-2604
Blue Cross Blue Shield of ND (Medicaid Expansion)	1-833-777-5779
Provider Enrollment	ndmedicaidenrollment@noridian.com
Third Party Liability	1-701-328-2347 medicaidtpl@nd.gov
Medicaid Fraud	1-701-328-4024 medicaidfraud@nd.gov
Coordinated Services Program	1-701-328-2346 medicaidcsp@nd.gov

HELPFUL LINKS

ND Medicaid Provider Enrollment	Provider Manual for Pharmacies
General Information for Providers	Professional Fee Schedule
Electronic Billing Instructions	Vaccines/Toxoids Coding Guideline
Preferred Drug List / Prior Authorization	

INTRODUCTION

This billing manual is designed to aid pharmacies and pharmacists in billing medical claims, including Medication Therapy Management (MTM) services. Non-pharmacist providers can bill for MTM using Evaluation and Management (E/M) codes and other medical claims using appropriate service codes.

If a provider does not meet requirements at the time the service is provided, the service will not be considered for payment. Incentives and discounts cannot be provided to ND Medicaid members, and pharmacists providing medical services cannot charge copays to ND Medicaid members.

GENERAL REQUIREMENTS

SITE REQUIREMENTS

The place of business where services are provided must:

- Be located within the state of ND or the local trade area within 50 miles of the ND border ([General Information for Providers](#) outlines the requirements for out-of-state services)
- Have appropriate size and accommodations for services provided
- Be enclosed sufficiently to prevent:
 - Encounter from being heard and/or seen by others
 - Interference by distracting noise from other areas of the business

For services delivered via telepharmacy or telehealth:

- Both the origination site (where the member is located) and the distant site (where the provider is located) must meet the geographic location, privacy, and space requirements outlined above
- Provider is responsible for supplying audio and video equipment permitting two-way, real-time interactive communication between the origination and distant sites

DOCUMENTATION SYSTEM REQUIREMENTS

The quality, electronic documentation platform used must:

- Allow manual entry of members
 - Be designed to optimize therapeutic outcomes
 - Be able to track and report interventions and outcomes (within 5 business days when requested by Department)
 - Maintain records in accordance with HIPAA requirements and other state and federal regulations
-

BILLING AND PAYMENT

CLAIMS	Pharmacy-Originated Claims	Clinic-Originated Claims
ND Medicaid Enrollment	Pharmacy	Clinic Pharmacist
MTM Credential*	Pharmacist	Pharmacist
Billing NPI	Pharmacy NPI	Clinic NPI
Rendering NPI	Pharmacy NPI	Pharmacist NPI

* MTM credentialing required for pharmacists providing/billing MTM services

BILLING ELEMENTS

Billing systems must comply with HIPAA privacy and security requirements and regulations

- Providers will bill for services electronically using EDI 837 transactions with appropriate ICD-10-CM codes
- Instructions for billing electronically or through the web portal are available at: <http://www.nd.gov/dhs/services/medicalserv/medicaid/provider-training.html>
- Refer to the [General Information for Providers](#) for more information about:
 - Recipient liability (RL)
 - Timely filing
 - Qualified services for telepharmacy/telehealth

CPT code	Bill appropriate CPT code(s) for medical service(s) rendered
ICD-10-CM code	Use in conjunction with applicable CPT code(s) to provide diagnosis for services rendered (See Appendix A)
GT modifier (if needed)	Use in conjunction with applicable CPT code(s) for qualified services delivered via telepharmacy or telehealth
	Must use corresponding place of service code
	Billing NPI must be the distant site where the provider is located

PAYMENT

Payments are made to a place of business enrolled as a ND Medicaid provider, not directly to pharmacist providers

- Information regarding remittance can be accessed online at: <https://www.nd.gov/dhs/info/mmis/remittance-advice.html>
- Electronic Remittance Advice enrollment information can be accessed online at: <https://www.nd.gov/dhs/services/medicalserv/medicaid/era-enrollment.html>

PROVIDER ENROLLMENT

The enrollment requirements outlined below are intended for pharmacists billing medical claims.

PHARMACY-ORIGINATED CLAIMS

- The pharmacist provider is **not** required to be enrolled as a ND Medicaid provider
- The place of business must be enrolled as a ND Medicaid provider to receive payment

CLINIC-ORIGINATED CLAIMS

- The pharmacist provider must [enroll as a ND Medicaid provider](#) and affiliate with each practice location
- The place of business must be enrolled as a ND Medicaid provider to receive payment

MTM CREDENTIALING

The MTM credentialing process outlined below is intended for pharmacists billing MTM service codes. There is no enrollment specific to MTM services for the place of business.

INITIAL AND RENEWAL CREDENTIAL

Fax completed MTM Provider Credentialing Application ([SFN 1105](#)) form and required attachments to 701-328-1544 Attention: Pharmacy. MTM credential approval/denial letter will be provided by mail, facsimile, or email.

- Active ND state pharmacist license
- Business information for each additional location if multiple MTM practice sites
- CPE Monitor print-out verifying the following ACPE continuing education (CE) requirements have been met within the last 4 years*

MTM Delivery/Documentation	2 hours
Medication Adherence	2 hours
Chronic Disease States	4 hours

* Newly licensed pharmacists will be allowed a 1-year conditional credential to complete CE requirements if all other MTM credentialing requirements are met

CHANGE IN PRACTICE SITE

- Complete MTM Provider Credentialing Application ([SFN 1105](#))
- Include new practice site information

ANTICOAGULATION MANAGEMENT FOR WARFARIN

CPT CODES: ANTICOAGULATION MANAGEMENT FOR WARFARIN

93793	Anticoagulant management for a patient taking warfarin, must include review and interpretation of a new home, office, or lab international normalized ratio (INR) test result, patient instructions, dosage adjustment (as needed), and scheduling of additional test(s), when performed
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DOCUMENTATION REQUIREMENTS: ANTICOAGULATION MANAGEMENT FOR WARFARIN

Medical record must support billing the anticoagulation management CPT code, document what was discussed during the encounter, and show a significant and separately identifiable service. Items to document include the following elements:

- Member's name and date of birth
- Clinical encounter date of service (DOS)
- Pharmacist's name and credentials
- Patient's primary and/or treating HCP
- Indication for anticoagulation
- Current INR and goal INR range
- Other relevant laboratory values
- Risk factors and signs/symptoms of bleeding and thromboembolic events
- Assessment of factors affecting INR
 - Adherence
 - Diet
 - Physical activity
 - Alcohol and tobacco use
 - Other medications
- Current warfarin dose and adjustment (if applicable)
- Instructions, education, and resources provided
- Other tests and/or referrals (as needed)
- Date of next INR and follow-up

REIMBURSEMENT: ANTICOAGULATION MANAGEMENT FOR WARFARIN

ND Medicaid Professional Fee Service Schedule can be accessed online at:
<https://www.nd.gov/dhs/services/medicalserv/medicaid/provider-fee-schedules.html>

CONTINUOUS GLUCOSE MONITORING (CGM)

CPT CODES: CGM

95249	Ambulatory continuous glucose monitoring of interstitial tissue fluid via a subcutaneous sensor for a minimum of 72 hours; patient-provided equipment, sensor placement, hook-up, calibration of monitor, patient training, and printout of recording
95250*	Ambulatory continuous glucose monitoring of interstitial tissue fluid via a subcutaneous sensor for a minimum of 72 hours; physician or other qualified health care professional (office) provided equipment, sensor placement, hook-up, calibration of monitor, patient training, removal of sensor, and printout of recording
95251	Ambulatory continuous glucose monitoring of interstitial fluid via a subcutaneous sensor for a minimum of 72 hours; analysis, interpretation and report

* Service CPT code is only reimbursed by ND Medicaid when required by primary payer

DOCUMENTATION REQUIREMENTS: CGM

Medical record must support billing the CGM CPT codes, document what was discussed during the encounter, and show a significant and separately identifiable service. Items to document include the following elements:

- Member's name and date of birth
- Clinical encounter DOS
- Pharmacist's name and credentials
- Patient's primary and/or treating HCP
- CGM data download (must include minimum of 72 hours of data), analysis, interpretation, and report(s)
- Other relevant laboratory values (e.g., HbA1c)
- Assessment of factors affecting blood glucose levels
 - Adherence
 - Alcohol use
 - Illness
 - Diet
 - Physical activity
 - Other medications and conditions
- Current treatment plan and adjustment (if applicable)
- Instructions, education, and resources provided
- Other tests and/or referrals (as needed)
- Date of follow-up

REIMBURSEMENT: CGM

ND Medicaid Professional Fee Service Schedule can be accessed online at:

<https://www.nd.gov/dhs/services/medicalserv/medicaid/provider-fee-schedules.html>

TOBACCO CESSATION

CPT CODES: TOBACCO CESSATION

99406	Smoking and tobacco use cessation counseling visit is greater than three minutes, but not more than 10 minutes
99407	Smoking and tobacco use cessation counseling visit is greater than 10 minutes

DOCUMENTATION REQUIREMENTS: TOBACCO CESSATION

Medical record must support billing the tobacco cessation CPT codes, document what was discussed during the encounter, and show a significant and separately identifiable service. Items to document include the following elements:

- Member's name and date of birth
- Clinical encounter DOS
- Pharmacist's name and credentials
- Member's primary and/or treating health care provider (HCP)
- Tobacco use
- Assessment of willingness to attempt to quit
- Counseling, education, and resources provided
 - Advice to quit
 - Impact of smoking provided to patient
 - Methods and skills recommended to support cessation
- Medication management
- Quit date
- Referrals (as needed)
- Date of follow-up
- Amount of time spent counseling

An entry in the health record stating that the provider spent 11 minutes counseling about tobacco use will not meet the standard for medical necessity for billing tobacco cessation CPT codes

REIMBURSEMENT: TOBACCO CESSATION

ND Medicaid Professional Fee Service Schedule can be accessed online at:
<https://www.nd.gov/dhs/services/medicalserv/medicaid/provider-fee-schedules.html>

DRUG ADMINISTRATION AND IMMUNIZATIONS

CPT CODES: DRUG ADMINISTRATION AND IMMUNIZATIONS

96372	Therapeutic, prophylactic, or diagnostic injection (specify substance or drug); subcutaneous or intramuscular
90471	Immunization administration (includes percutaneous, intradermal, subcutaneous, or intramuscular injections; 1 vaccine (single or combination vaccine/toxoid)
90472	Immunization administration (includes percutaneous, intradermal, subcutaneous, or intramuscular injections); each additional vaccine (single or combination vaccine/toxoid) (list separately in addition to code for primary procedure)
90473	Immunization administration by intranasal or oral route; 1 vaccine (single or combination vaccine/toxoid)
90474	Immunization administration by intranasal or oral route; each additional vaccine (single or combination vaccine/toxoid) (list separately in addition to code for primary procedure)
99401	Preventive medicine counseling and/or risk factor reduction intervention(s) provided to an individual (separate procedure); approximately 15 minutes

Vaccines are not covered through the pharmacy point-of-sale (POS) system and must be billed on a medical claim. [General Information for Providers](#) and [Vaccines/Toxoids Coding Guideline](#) and can be accessed online for more information on billing vaccines and vaccine administration.

DOCUMENTATION REQUIREMENTS: DRUG ADMINISTRATION AND IMMUNIZATIONS

Medical record must support billing the drug and/or vaccine CPT codes. Items to document include the following elements:

- Member’s name
- Member’s date of birth
- Clinical encounter DOS
- Pharmacist’s name and credentials
- Primary HCP and contact information
- Ordering and/or protocol HCP and contact information
- Time spent counseling
- Administration information (if applicable)
 - Product name
 - Route and site of administration
 - Dose administered
 - Adverse effects/reactions
 - Vaccine manufacturer
 - Vaccine lot number
 - Vaccine Information Statement (VIS) edition date
 - Date the VIS was provided

REIMBURSEMENT: DRUG ADMINISTRATION AND IMMUNIZATIONS

ND Medicaid Professional Fee Service Schedule can be accessed online at: <https://www.nd.gov/dhs/services/medicalserv/medicaid/provider-fee-schedules.html>

MEDICATION THERAPY MANAGEMENT (MTM)

CPT CODES: MTM

Medication therapy management service(s) provided by a pharmacist, individual, face-to-face with patient, with assessment and intervention if provided

99605	Initial 15 minutes, new patient
99606	Initial 15 minutes, established patient
99607	Each additional 15 minutes (list separately in addition to code for primary service)

ICD-10-CM CODES: MTM

Z71.89	Other specified counseling
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MEMBER ELIGIBILITY: MTM

Service authorization (SA) is required for all MTM services. Fax completed MTM Service Authorization Request ([SFN 1106](#)) form to 701-328-1544 Attention: Pharmacy. MTM SA approval/denial letter will be provided by mail, facsimile, or secure email.

- Evaluate MTM eligibility prior submitting MTM SA Request form
- Any MTM service provided before SA approval is not guaranteed payment

Member **not** eligible for MTM services if:

- Eligible for Medicare
- Resides in setting where medications are managed/administered by facility staff (e.g., inpatient, incarcerated, skilled nursing facility, etc.)
- Medicaid Expansion member (medical claims are covered by the managed care organization, not the state Medicaid program)

MEMBER IDENTIFICATION: MTM

The objectives of the MTM program are to coordinate health care, improve the health of Medicaid-eligible individuals, and manage health care expenditures.

- Members may be identified for MTM services by ND Medicaid or referred by filling pharmacies, HCPs, or MTM providers
- MTM-eligible members will not be electronically fed into any one MTM software platform, so manual entry of member may be required
- MTM Service Authorization Request form must be completed to refer a member or accept a referral from the Department for MTM services

In addition to the above objectives, general guidelines to evaluate eligibility for each MTM service category are outlined in [Appendix B](#)

DOCUMENTATION REQUIREMENTS: MTM

Medical record must support billing the MTM CPT codes, document what was discussed during the encounter, and show a significant and separately identifiable service. Items to document include the following elements:

Demographics and History	Member's name	Date of birth
	Member's contact information	Gender
	List of all prescription & non-prescription drugs, dietary supplements, & herbal products (include indication, dose, and directions for each)	
	Allergies	Environmental and lifestyle factors
	Immunizations	Medical devices
	Social history	Current and resolved medical conditions
	Family history	Primary HCP and contact information
Clinical Encounter	List of medications addressed during encounter, assessing safety and efficacy of each	
	Assessment of potential drug therapy problems:	
	<ul style="list-style-type: none"> • Appropriate indication • Adverse effects/toxicity • Cost efficacy • Appropriate dosing • Adherence • Goals of therapy 	
	Education, instructions, and resources delivered to member	
	Written plan of goals, actions to resolve issues, follow up, and referrals (if needed)	
	MTM pharmacist's communications to member's other HCPs	
Billing	MTM pharmacist's name and credentials	
	Clinical encounter DOS	Member location if using interactive video
	Time spent face-to-face with member	Date of documentation

An entry in the health record stating that the provider spent 11 minutes counseling about medication use will not meet the standard for medical necessity for billing MTM CPT codes

* General guidance for conducting the MTM encounter is outlined in [Appendix C](#)

BEFORE THE MTM ENCOUNTER

MTM provider will set up an appointment with the member. The time required to prepare for the encounter is not billable including:

- Verify member's ND Medicaid eligibility
- Request/receive MTM SA approval
- Complete chart review
- Identify potential drug therapy problems
- Print anticipated education handouts and visit documentation
- Review treatment guidelines
- Place reminder call(s)

Special considerations for Transition of Care MTM:

- Schedule within 7 days of discharge
- Obtain discharge information before encounter

DURING THE MTM ENCOUNTER

MTM provider should be fully prepared to conduct the MTM encounter at the time of the member's appointment

- Verify member's identity
- Prepare Personal Medication List (PML) and Patient Visit Summary
- Provide pertinent materials to member to assist in managing condition(s)
- Document evaluation of drug therapy, recommended interventions, and education
- Schedule follow-up appointments (as needed) to ensure adherence to medication plan and determine progress of set goals

FOLLOWING THE MTM ENCOUNTER

All written and verbal contact must be documented in the member's electronic MTM record. The time required to document the MTM encounter is not billable.

MTM provider must provide the following communication within 7 days of the visit:

To the member:	Patient Visit Summary including: <ul style="list-style-type: none">• Personal Medication List (active medication record)• Goals and action plan
To all relevant HCPs: <ul style="list-style-type: none">• Primary care• Specialists	Contact prescriber by phone if immediate attention required HCP Visit Summary Brief explanation of program (optional)

MTM provider must make three attempts at a follow-up phone call 2 to 4 weeks after the initial MTM encounter and document a summary of the call. If unable to reach member:

- Document each call attempt including date, time, and outcome of contact
- Submit MTM Missed Appointment ([SFN 1110](#)) or document in electronic record

REIMBURSEMENT: MTM

99605	8 to 15 minutes face-to-face counseling, new patient	\$70*
99606	8 to 15 minutes face-to-face counseling, established patient	\$25
99607	8 to 15 additional minutes face-to-face counseling, new or established	\$25

* Reimbursement rate includes required follow-up phone call to member

Examples	8 to 22 minutes			23 to ≥30 minutes		
	New	99605	1 unit	\$70	99605 AND 99607	1 unit AND 1 unit
Established	99606	1 unit	\$25	99606 AND 99607	1 unit AND 1 unit	\$50

LIMITS: MTM

Service authorization is required for MTM. Reimbursement for MTM CPT codes will only cover time spent face-to-face, one-on-one with the Medicaid MTM enrollee.

- Maximum of 4 MTM encounters per 365 days
- May request additional visits within the 365-day period or to exceed the 365-day period via new service authorization

99605	One unit per member in a 365-day period
99606	Up to three units per member in a 365-day period
99607	Up to one unit per member per date of service

Not allowed for reimbursement:	Allowed for reimbursement:
<ul style="list-style-type: none"> • Group visits • Preparation time • No-show appointments • Follow-up/reminder calls (not separately reimbursed) 	<ul style="list-style-type: none"> • Visits with family and/or caregiver(s) in attendance • Telepharmacy or telehealth visits with real-time audio/visual conferencing

APPENDIX A: ICD-10-CM CODES

ANTICOAGULATION ICD-10-CM CODES

Z95.2	Presence of prosthetic heart valve
I05.8	Other rheumatic mitral valve disease
I05.9	Rheumatic mitral valve disease, unspecified
I35.0	Non-rheumatic aortic (valve) stenosis
I35.1	Non-rheumatic aortic (valve) insufficiency
I35.2	Non-rheumatic aortic (valve) stenosis with insufficiency
I35.8	Non-rheumatic aortic (valve) other disorders
I35.9	Non-rheumatic aortic (valve) unspecified
I48.0	Paroxysmal atrial fibrillation
I48.1	Persistent atrial fibrillation
I48.2	Chronic atrial fibrillation
I48.3	Typical atrial flutter
I48.4	Atypical atrial flutter
I48.91	Unspecified atrial fibrillation
I48.92	Unspecified atrial flutter
I82.721	Chronic embolism and thrombosis of deep veins of upper extremity - right
I82.722	Chronic embolism and thrombosis of deep veins of upper extremity - left
I82.723	Chronic embolism and thrombosis of deep veins of upper extremity - bilateral
I82.729	Chronic embolism and thrombosis of deep veins of upper extremity - unspecified
I82.501	Chronic embolism and thrombosis of deep veins of lower extremity - right
I82.502	Chronic embolism and thrombosis of deep veins of lower extremity - left
I82.503	Chronic embolism and thrombosis of deep veins of lower extremity - bilateral
I82.509	Chronic embolism and thrombosis of deep veins of lower extremity - unspecified
I82.511	Chronic embolism and thrombosis of femoral vein - right
I82.512	Chronic embolism and thrombosis of femoral vein - left
I82.513	Chronic embolism and thrombosis of femoral vein - bilateral
I82.519	Chronic embolism and thrombosis of femoral vein - unspecified
I82.521	Chronic embolism and thrombosis of iliac vein - right
I82.522	Chronic embolism and thrombosis of iliac vein - left
I82.523	Chronic embolism and thrombosis of iliac vein - bilateral
I82.529	Chronic embolism and thrombosis of iliac vein - unspecified
I82.531	Chronic embolism and thrombosis of popliteal vein - right
I82.532	Chronic embolism and thrombosis of popliteal vein - left

182.533	Chronic embolism and thrombosis of popliteal vein - bilateral
182.539	Chronic embolism and thrombosis of popliteal vein - unspecified
182.541	Chronic embolism and thrombosis of tibial vein - right
182.542	Chronic embolism and thrombosis of tibial vein - left
182.543	Chronic embolism and thrombosis of tibial vein - bilateral
182.549	Chronic embolism and thrombosis of tibial vein - unspecified
182.5Y1	Chronic embolism and thrombosis of unspecified deep veins of proximal lower extremity - right
182.5Y2	Chronic embolism and thrombosis of unspecified deep veins of proximal lower extremity - left
182.5Y3	Chronic embolism and thrombosis of unspecified deep veins of proximal lower extremity - bilateral
182.5Y9	Chronic embolism and thrombosis of unspecified deep veins of proximal lower extremity - unspecified
182.5Z1	Chronic embolism and thrombosis of unspecified deep veins of distal lower extremity - right
182.5Z2	Chronic embolism and thrombosis of unspecified deep veins of distal lower extremity - left
182.5Z3	Chronic embolism and thrombosis of unspecified deep veins of distal lower extremity - bilateral
182.5Z9	Chronic embolism and thrombosis of unspecified deep veins of distal lower extremity - unspecified
180.8	Phlebitis of other sites
180.10	Phlebitis and thrombophlebitis of femoral vein - unspecified
180.11	Phlebitis and thrombophlebitis of femoral vein - right
180.12	Phlebitis and thrombophlebitis of femoral vein - left
180.13	Phlebitis and thrombophlebitis of femoral vein - bilateral
180.201	Phlebitis and thrombophlebitis of unspecified deep vessels of lower extremities - right
180.202	Phlebitis and thrombophlebitis of unspecified deep vessels of lower extremities - left
180.203	Phlebitis and thrombophlebitis of unspecified deep vessels of lower extremities - bilateral
180.209	Phlebitis and thrombophlebitis of unspecified deep vessels of lower extremities - unspecified
180.221	Phlebitis and thrombophlebitis of popliteal vein - right
180.222	Phlebitis and thrombophlebitis of popliteal vein - left
180.223	Phlebitis and thrombophlebitis of popliteal vein - bilateral

I80.229	Phlebitis and thrombophlebitis of popliteal vein - unspecified
I80.231	Phlebitis and thrombophlebitis of tibial vein - right
I80.232	Phlebitis and thrombophlebitis of tibial vein - left
I80.233	Phlebitis and thrombophlebitis of tibial vein - bilateral
I80.239	Phlebitis and thrombophlebitis of tibial vein - unspecified
I80.291	Phlebitis and thrombophlebitis of other deep vein vessels of lower extremities - right
I80.292	Phlebitis and thrombophlebitis of other deep vein vessels of lower extremities - left
I80.293	Phlebitis and thrombophlebitis of other deep vein vessels of lower extremities - bilateral
I80.299	Phlebitis and thrombophlebitis of other deep vein vessels of lower extremities - unspecified
I87.011	Post-thrombotic syndrome w/ulcer of lower extremity - right
I87.012	Post-thrombotic syndrome w/ulcer of lower extremity - left
I87.013	Post-thrombotic syndrome w/ulcer of lower extremity - bilateral
I87.019	Post-thrombotic syndrome w/ulcer of lower extremity - unspecified
I27.2	Other secondary pulmonary hypertension
I27.81	Cor pulmonale (chronic) NOS
I27.82	Chronic pulmonary embolism
D68.4	Acquired coagulation factor deficiency
D68.51	Activated protein C resistance
D68.52	Prothrombin gene mutation
D68.59	Other primary thrombophilia
D68.61	Antiphospholipid syndrome
D68.62	Lupus anticoagulant syndrome
Z79.01	Longer-term (current) use of anticoagulants
Z86.718	Personal history of other venous thrombosis or embolism
Z86.7111	Personal history of pulmonary embolism
Z95.828	Presence of artificial or mechanical or prosthesis of artery

CGM ICD-10-CM CODES

E08.00	Diabetes mellitus due to underlying condition with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (NKHHC)
E08.01	Diabetes mellitus due to underlying condition with hyperosmolarity with coma
E08.10	Diabetes mellitus due to underlying condition with ketoacidosis without coma
E08.11	Diabetes mellitus due to underlying condition with ketoacidosis with coma

E08.21	Diabetes mellitus due to underlying condition with diabetic nephropathy
E08.22	Diabetes mellitus due to underlying condition with diabetic chronic kidney disease
E08.29	Diabetes mellitus due to underlying condition with other diabetic kidney complication
E08.311	Diabetes mellitus due to underlying condition with unspecified diabetic retinopathy with macular edema
E08.319	Diabetes mellitus due to underlying condition with unspecified diabetic retinopathy without macular edema
E08.3211	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy with macular edema, right eye
E08.3212	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy with macular edema, left eye
E08.3213	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy with macular edema, bilateral
E08.3219	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy with macular edema, unspecified eye
E08.3291	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy without macular edema, right eye
E08.3292	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy without macular edema, left eye
E08.3293	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy without macular edema, bilateral
E08.3299	Diabetes mellitus due to underlying condition with mild nonproliferative diabetic retinopathy without macular edema, unspecified eye
E08.3311	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy with macular edema, right eye
E08.3312	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy with macular edema, left eye
E08.3313	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy with macular edema, bilateral
E08.3319	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy with macular edema, unspecified eye
E08.3391	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy without macular edema, right eye
E08.3392	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy without macular edema, left eye
E08.3393	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy without macular edema, bilateral

E08.3399	Diabetes mellitus due to underlying condition with moderate nonproliferative diabetic retinopathy without macular edema, unspecified eye
E08.3411	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy with macular edema, right eye
E08.3412	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy with macular edema, left eye
E08.3413	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy with macular edema, bilateral
E08.3419	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy with macular edema, unspecified eye
E08.3491	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy without macular edema, right eye
E08.3492	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy without macular edema, left eye
E08.3493	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy without macular edema, bilateral
E08.3499	Diabetes mellitus due to underlying condition with severe nonproliferative diabetic retinopathy without macular edema, unspecified eye
E08.3511	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with macular edema, right eye
E08.3512	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with macular edema, left eye
E08.3513	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with macular edema, bilateral
E08.3519	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with macular edema, unspecified eye
E08.3521	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye
E08.3522	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment involving the macula, left eye
E08.3523	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral
E08.3529	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment involving the macula, unspecified eye
E08.3531	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye
E08.3532	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, left eye

E08.3533	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral
E08.3539	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, unspecified eye
E08.3541	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye
E08.3542	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, left eye
E08.3543	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral
E08.3549	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, unspecified eye
E08.3551	Diabetes mellitus due to underlying condition with stable proliferative diabetic retinopathy, right eye
E08.3552	Diabetes mellitus due to underlying condition with stable proliferative diabetic retinopathy, left eye
E08.3553	Diabetes mellitus due to underlying condition with stable proliferative diabetic retinopathy, bilateral
E08.3559	Diabetes mellitus due to underlying condition with stable proliferative diabetic retinopathy, unspecified eye
E08.3591	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy without macular edema, right eye
E08.3592	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy without macular edema, left eye
E08.3593	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy without macular edema, bilateral
E08.3599	Diabetes mellitus due to underlying condition with proliferative diabetic retinopathy without macular edema, unspecified eye
E08.36	Diabetes mellitus due to underlying condition with diabetic cataract
E08.37X1	Diabetes mellitus due to underlying condition with diabetic macular edema, resolved following treatment, right eye
E08.37X2	Diabetes mellitus due to underlying condition with diabetic macular edema, resolved following treatment, left eye
E08.37X3	Diabetes mellitus due to underlying condition with diabetic macular edema, resolved following treatment, bilateral

E08.37X9	Diabetes mellitus due to underlying condition with diabetic macular edema, resolved following treatment, unspecified eye
E08.39	Diabetes mellitus due to underlying condition with other diabetic ophthalmic complication
E08.40	Diabetes mellitus due to underlying condition with diabetic neuropathy, unspecified
E08.41	Diabetes mellitus due to underlying condition with diabetic mononeuropathy
E08.42	Diabetes mellitus due to underlying condition with diabetic polyneuropathy
E08.43	Diabetes mellitus due to underlying condition with diabetic autonomic (poly)neuropathy
E08.44	Diabetes mellitus due to underlying condition with diabetic amyotrophy
E08.49	Diabetes mellitus due to underlying condition with other diabetic neurological complication
E08.51	Diabetes mellitus due to underlying condition with diabetic peripheral angiopathy without gangrene
E08.52	Diabetes mellitus due to underlying condition with diabetic peripheral angiopathy with gangrene
E08.59	Diabetes mellitus due to underlying condition with other circulatory complications
E08.610	Diabetes mellitus due to underlying condition with diabetic neuropathic arthropathy
E08.618	Diabetes mellitus due to underlying condition with other diabetic arthropathy
E08.620	Diabetes mellitus due to underlying condition with diabetic dermatitis
E08.621	Diabetes mellitus due to underlying condition with foot ulcer
E08.622	Diabetes mellitus due to underlying condition with other skin ulcer
E08.628	Diabetes mellitus due to underlying condition with other skin complications
E08.630	Diabetes mellitus due to underlying condition with periodontal disease
E08.638	Diabetes mellitus due to underlying condition with other oral complications
E08.641	Diabetes mellitus due to underlying condition with hypoglycemia with coma
E08.649	Diabetes mellitus due to underlying condition with hypoglycemia without coma
E08.65	Diabetes mellitus due to underlying condition with hyperglycemia
E08.69	Diabetes mellitus due to underlying condition with other specified complication
E08.8	Diabetes mellitus due to underlying condition with unspecified complications
E08.9	Diabetes mellitus due to underlying condition without complications
E09.00	Drug or chemical induced diabetes mellitus with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (NKHHC)
E09.01	Drug or chemical induced diabetes mellitus with hyperosmolarity with coma
E09.10	Drug or chemical induced diabetes mellitus with ketoacidosis without coma

E09.11	Drug or chemical induced diabetes mellitus with ketoacidosis with coma
E09.21	Drug or chemical induced diabetes mellitus with diabetic nephropathy
E09.22	Drug or chemical induced diabetes mellitus with diabetic chronic kidney disease
E09.29	Drug or chemical induced diabetes mellitus with other diabetic kidney complication
E09.311	Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy with macular edema
E09.319	Drug or chemical induced diabetes mellitus with unspecified diabetic retinopathy without macular edema
E09.3211	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, right eye
E09.3212	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, left eye
E09.3213	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, bilateral
E09.3219	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, unspecified eye
E09.3291	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, right eye
E09.3292	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, left eye
E09.3293	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, bilateral
E09.3299	Drug or chemical induced diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, unspecified eye
E09.3311	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, right eye
E09.3312	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, left eye
E09.3313	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, bilateral
E09.3319	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, unspecified eye
E09.3391	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, right eye
E09.3392	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye
E09.3393	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, bilateral

E09.3399	Drug or chemical induced diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, unspecified eye
E09.3411	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, right eye
E09.3412	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, left eye
E09.3413	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, bilateral
E09.3419	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, unspecified eye
E09.3491	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, right eye
E09.3492	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, left eye
E09.3493	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, bilateral
E09.3499	Drug or chemical induced diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, unspecified eye
E09.3511	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with macular edema, right eye
E09.3512	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with macular edema, left eye
E09.3513	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with macular edema, bilateral
E09.3519	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with macular edema, unspecified eye
E09.3521	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye
E09.3522	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, left eye
E09.3523	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral
E09.3529	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, unspecified eye
E09.3531	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye
E09.3532	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, left eye

E09.3533	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral
E09.3539	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, unspecified eye
E09.3541	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye
E09.3542	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, left eye
E09.3543	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral
E09.3549	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, unspecified eye
E09.3551	Drug or chemical induced diabetes mellitus with stable proliferative diabetic retinopathy, right eye
E09.3552	Drug or chemical induced diabetes mellitus with stable proliferative diabetic retinopathy, left eye
E09.3553	Drug or chemical induced diabetes mellitus with stable proliferative diabetic retinopathy, bilateral
E09.3559	Drug or chemical induced diabetes mellitus with stable proliferative diabetic retinopathy, unspecified eye
E09.3591	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy without macular edema, right eye
E09.3592	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy without macular edema, left eye
E09.3593	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy without macular edema, bilateral
E09.3599	Drug or chemical induced diabetes mellitus with proliferative diabetic retinopathy without macular edema, unspecified eye
E09.36	Drug or chemical induced diabetes mellitus with diabetic cataract
E09.37X1	Drug or chemical induced diabetes mellitus with diabetic macular edema, resolved following treatment, right eye
E09.37X2	Drug or chemical induced diabetes mellitus with diabetic macular edema, resolved following treatment, left eye
E09.37X3	Drug or chemical induced diabetes mellitus with diabetic macular edema, resolved following treatment, bilateral

E09.37X9	Drug or chemical induced diabetes mellitus with diabetic macular edema, resolved following treatment, unspecified eye
E09.39	Drug or chemical induced diabetes mellitus with other diabetic ophthalmic complication
E09.40	Drug or chemical induced diabetes mellitus with neurological complications with diabetic neuropathy, unspecified
E09.41	Drug or chemical induced diabetes mellitus with neurological complications with diabetic mononeuropathy
E09.42	Drug or chemical induced diabetes mellitus with neurological complications with diabetic polyneuropathy
E09.43	Drug or chemical induced diabetes mellitus with neurological complications with diabetic autonomic (poly)neuropathy
E09.44	Drug or chemical induced diabetes mellitus with neurological complications with diabetic amyotrophy
E09.49	Drug or chemical induced diabetes mellitus with neurological complications with other diabetic neurological complication
E09.51	Drug or chemical induced diabetes mellitus with diabetic peripheral angiopathy without gangrene
E09.52	Drug or chemical induced diabetes mellitus with diabetic peripheral angiopathy with gangrene
E09.59	Drug or chemical induced diabetes mellitus with other circulatory complications
E09.610	Drug or chemical induced diabetes mellitus with diabetic neuropathic arthropathy
E09.618	Drug or chemical induced diabetes mellitus with other diabetic arthropathy
E09.620	Drug or chemical induced diabetes mellitus with diabetic dermatitis
E09.621	Drug or chemical induced diabetes mellitus with foot ulcer
E09.622	Drug or chemical induced diabetes mellitus with other skin ulcer
E09.628	Drug or chemical induced diabetes mellitus with other skin complications
E09.630	Drug or chemical induced diabetes mellitus with periodontal disease
E09.638	Drug or chemical induced diabetes mellitus with other oral complications
E09.641	Drug or chemical induced diabetes mellitus with hypoglycemia with coma
E09.649	Drug or chemical induced diabetes mellitus with hypoglycemia without coma
E09.65	Drug or chemical induced diabetes mellitus with hyperglycemia
E09.69	Drug or chemical induced diabetes mellitus with other specified complication
E09.8	Drug or chemical induced diabetes mellitus with unspecified complications
E09.9	Drug or chemical induced diabetes mellitus without complications
E10.10	Type 1 diabetes mellitus with ketoacidosis without coma
E10.11	Type 1 diabetes mellitus with ketoacidosis with coma
E10.21	Type 1 diabetes mellitus with diabetic nephropathy

E10.22	Type 1 diabetes mellitus with diabetic chronic kidney disease
E10.29	Type 1 diabetes mellitus with other diabetic kidney complication
E10.311	Type 1 diabetes mellitus with unspecified diabetic retinopathy with macular edema
E10.319	Type 1 diabetes mellitus with unspecified diabetic retinopathy without macular edema
E10.3211	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, right eye
E10.3212	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, left eye
E10.3213	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, bilateral
E10.3219	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, unspecified eye
E10.3291	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, right eye
E10.3292	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, left eye
E10.3293	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, bilateral
E10.3299	Type 1 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, unspecified eye
E10.3311	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, right eye
E10.3312	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, left eye
E10.3313	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, bilateral
E10.3319	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, unspecified eye
E10.3391	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, right eye
E10.3392	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye
E10.3393	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, bilateral
E10.3399	Type 1 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, unspecified eye
E10.3411	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, right eye

E10.3412	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, left eye
E10.3413	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, bilateral
E10.3419	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, unspecified eye
E10.3491	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, right eye
E10.3492	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, left eye
E10.3493	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, bilateral
E10.3499	Type 1 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, unspecified eye
E10.3511	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, right eye
E10.3512	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, left eye
E10.3513	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, bilateral
E10.3519	Type 1 diabetes mellitus with proliferative diabetic retinopathy with macular edema, unspecified eye
E10.3521	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye
E10.3522	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, left eye
E10.3523	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral
E10.3529	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, unspecified eye
E10.3531	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye
E10.3532	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, left eye
E10.3533	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral
E10.3539	Type 1 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, unspecified eye

E10.3541	Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye
E10.3542	Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, left eye
E10.3543	Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral
E10.3549	Type 1 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, unspecified eye
E10.3551	Type 1 diabetes mellitus with stable proliferative diabetic retinopathy, right eye
E10.3552	Type 1 diabetes mellitus with stable proliferative diabetic retinopathy, left eye
E10.3553	Type 1 diabetes mellitus with stable proliferative diabetic retinopathy, bilateral
E10.3559	Type 1 diabetes mellitus with stable proliferative diabetic retinopathy, unspecified eye
E10.3591	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema, right eye
E10.3592	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema, left eye
E10.3593	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema, bilateral
E10.3599	Type 1 diabetes mellitus with proliferative diabetic retinopathy without macular edema, unspecified eye
E10.36	Type 1 diabetes mellitus with diabetic cataract
E10.37X1	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, right eye
E10.37X2	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, left eye
E10.37X3	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, bilateral
E10.37X9	Type 1 diabetes mellitus with diabetic macular edema, resolved following treatment, unspecified eye
E10.39	Type 1 diabetes mellitus with other diabetic ophthalmic complication
E10.40	Type 1 diabetes mellitus with diabetic neuropathy, unspecified
E10.41	Type 1 diabetes mellitus with diabetic mononeuropathy
E10.42	Type 1 diabetes mellitus with diabetic polyneuropathy
E10.43	Type 1 diabetes mellitus with diabetic autonomic (poly)neuropathy
E10.44	Type 1 diabetes mellitus with diabetic amyotrophy
E10.49	Type 1 diabetes mellitus with other diabetic neurological complication

E10.51	Type 1 diabetes mellitus with diabetic peripheral angiopathy without gangrene
E10.52	Type 1 diabetes mellitus with diabetic peripheral angiopathy with gangrene
E10.59	Type 1 diabetes mellitus with other circulatory complications
E10.610	Type 1 diabetes mellitus with diabetic neuropathic arthropathy
E10.618	Type 1 diabetes mellitus with other diabetic arthropathy
E10.620	Type 1 diabetes mellitus with diabetic dermatitis
E10.621	Type 1 diabetes mellitus with foot ulcer
E10.622	Type 1 diabetes mellitus with other skin ulcer
E10.628	Type 1 diabetes mellitus with other skin complications
E10.630	Type 1 diabetes mellitus with periodontal disease
E10.638	Type 1 diabetes mellitus with other oral complications
E10.641	Type 1 diabetes mellitus with hypoglycemia with coma
E10.649	Type 1 diabetes mellitus with hypoglycemia without coma
E10.65	Type 1 diabetes mellitus with hyperglycemia
E10.69	Type 1 diabetes mellitus with other specified complication
E10.8	Type 1 diabetes mellitus with unspecified complications
E10.9	Type 1 diabetes mellitus without complications
E11.00	Type 2 diabetes mellitus with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (NKHHC)
E11.01	Type 2 diabetes mellitus with hyperosmolarity with coma
E11.21	Type 2 diabetes mellitus with diabetic nephropathy
E11.22	Type 2 diabetes mellitus with diabetic chronic kidney disease
E11.29	Type 2 diabetes mellitus with other diabetic kidney complication
E11.311	Type 2 diabetes mellitus with unspecified diabetic retinopathy with macular edema
E11.319	Type 2 diabetes mellitus with unspecified diabetic retinopathy without macular edema
E11.3211	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, right eye
E11.3212	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, left eye
E11.3213	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, bilateral
E11.3219	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, unspecified eye
E11.3291	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, right eye

E11.3292	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, left eye
E11.3293	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, bilateral
E11.3299	Type 2 diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, unspecified eye
E11.3311	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, right eye
E11.3312	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, left eye
E11.3313	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, bilateral
E11.3319	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, unspecified eye
E11.3391	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, right eye
E11.3392	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye
E11.3393	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, bilateral
E11.3399	Type 2 diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, unspecified eye
E11.3411	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, right eye
E11.3412	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, left eye
E11.3413	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, bilateral
E11.3419	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, unspecified eye
E11.3491	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, right eye
E11.3492	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, left eye
E11.3493	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, bilateral
E11.3499	Type 2 diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, unspecified eye

E11.3511	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, right eye
E11.3512	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, left eye
E11.3513	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, bilateral
E11.3519	Type 2 diabetes mellitus with proliferative diabetic retinopathy with macular edema, unspecified eye
E11.3521	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye
E11.3522	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, left eye
E11.3523	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral
E11.3529	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, unspecified eye
E11.3531	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye
E11.3532	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, left eye
E11.3533	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral
E11.3539	Type 2 diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, unspecified eye
E11.3541	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye
E11.3542	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, left eye
E11.3543	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral
E11.3549	Type 2 diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, unspecified eye
E11.3551	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, right eye
E11.3552	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, left eye
E11.3553	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, bilateral
E11.3559	Type 2 diabetes mellitus with stable proliferative diabetic retinopathy, unspecified eye

E11.3591	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, right eye
E11.3592	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, left eye
E11.3593	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, bilateral
E11.3599	Type 2 diabetes mellitus with proliferative diabetic retinopathy without macular edema, unspecified eye
E11.36	Type 2 diabetes mellitus with diabetic cataract
E11.37X1	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, right eye
E11.37X2	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, left eye
E11.37X3	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, bilateral
E11.37X9	Type 2 diabetes mellitus with diabetic macular edema, resolved following treatment, unspecified eye
E11.39	Type 2 diabetes mellitus with other diabetic ophthalmic complication
E11.40	Type 2 diabetes mellitus with diabetic neuropathy, unspecified
E11.41	Type 2 diabetes mellitus with diabetic mononeuropathy
E11.42	Type 2 diabetes mellitus with diabetic polyneuropathy
E11.43	Type 2 diabetes mellitus with diabetic autonomic (poly)neuropathy
E11.44	Type 2 diabetes mellitus with diabetic amyotrophy
E11.49	Type 2 diabetes mellitus with other diabetic neurological complication
E11.51	Type 2 diabetes mellitus with diabetic peripheral angiopathy without gangrene
E11.52	Type 2 diabetes mellitus with diabetic peripheral angiopathy with gangrene
E11.59	Type 2 diabetes mellitus with other circulatory complications
E11.610	Type 2 diabetes mellitus with diabetic neuropathic arthropathy
E11.618	Type 2 diabetes mellitus with other diabetic arthropathy
E11.620	Type 2 diabetes mellitus with diabetic dermatitis
E11.621	Type 2 diabetes mellitus with foot ulcer
E11.622	Type 2 diabetes mellitus with other skin ulcer
E11.628	Type 2 diabetes mellitus with other skin complications
E11.630	Type 2 diabetes mellitus with periodontal disease
E11.638	Type 2 diabetes mellitus with other oral complications
E11.641	Type 2 diabetes mellitus with hypoglycemia with coma
E11.649	Type 2 diabetes mellitus with hypoglycemia without coma

E11.65	Type 2 diabetes mellitus with hyperglycemia
E11.69	Type 2 diabetes mellitus with other specified complication
E11.8	Type 2 diabetes mellitus with unspecified complications
E11.9	Type 2 diabetes mellitus without complications
E13.00	Other specified diabetes mellitus with hyperosmolarity without nonketotic hyperglycemic-hyperosmolar coma (NKHHC)
E13.01	Other specified diabetes mellitus with hyperosmolarity with coma
E13.10	Other specified diabetes mellitus with ketoacidosis without coma
E13.11	Other specified diabetes mellitus with ketoacidosis with coma
E13.21	Other specified diabetes mellitus with diabetic nephropathy
E13.22	Other specified diabetes mellitus with diabetic chronic kidney disease
E13.29	Other specified diabetes mellitus with other diabetic kidney complication
E13.311	Other specified diabetes mellitus with unspecified diabetic retinopathy with macular edema
E13.319	Other specified diabetes mellitus with unspecified diabetic retinopathy without macular edema
E13.3211	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, right eye
E13.3212	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, left eye
E13.3213	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, bilateral
E13.3219	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy with macular edema, unspecified eye
E13.3291	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, right eye
E13.3292	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, left eye
E13.3293	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, bilateral
E13.3299	Other specified diabetes mellitus with mild nonproliferative diabetic retinopathy without macular edema, unspecified eye
E13.3311	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, right eye
E13.3312	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, left eye
E13.3313	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, bilateral

E13.3319	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy with macular edema, unspecified eye
E13.3391	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, right eye
E13.3392	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, left eye
E13.3393	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, bilateral
E13.3399	Other specified diabetes mellitus with moderate nonproliferative diabetic retinopathy without macular edema, unspecified eye
E13.3411	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, right eye
E13.3412	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, left eye
E13.3413	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, bilateral
E13.3419	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy with macular edema, unspecified eye
E13.3491	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, right eye
E13.3492	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, left eye
E13.3493	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, bilateral
E13.3499	Other specified diabetes mellitus with severe nonproliferative diabetic retinopathy without macular edema, unspecified eye
E13.3511	Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema, right eye
E13.3512	Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema, left eye
E13.3513	Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema, bilateral
E13.3519	Other specified diabetes mellitus with proliferative diabetic retinopathy with macular edema, unspecified eye
E13.3521	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, right eye
E13.3522	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, left eye

E13.3523	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, bilateral
E13.3529	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment involving the macula, unspecified eye
E13.3531	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, right eye
E13.3532	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, left eye
E13.3533	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, bilateral
E13.3539	Other specified diabetes mellitus with proliferative diabetic retinopathy with traction retinal detachment not involving the macula, unspecified eye
E13.3541	Other specified diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, right eye
E13.3542	Other specified diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, left eye
E13.3543	Other specified diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, bilateral
E13.3549	Other specified diabetes mellitus with proliferative diabetic retinopathy with combined traction retinal detachment and rhegmatogenous retinal detachment, unspecified eye
E13.3551	Other specified diabetes mellitus with stable proliferative diabetic retinopathy, right eye
E13.3552	Other specified diabetes mellitus with stable proliferative diabetic retinopathy, left eye
E13.3553	Other specified diabetes mellitus with stable proliferative diabetic retinopathy, bilateral
E13.3559	Other specified diabetes mellitus with stable proliferative diabetic retinopathy, unspecified eye
E13.3591	Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema, right eye
E13.3592	Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema, left eye
E13.3593	Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema, bilateral
E13.3599	Other specified diabetes mellitus with proliferative diabetic retinopathy without macular edema, unspecified eye

E13.36	Other specified diabetes mellitus with diabetic cataract
E13.37X1	Other specified diabetes mellitus with diabetic macular edema, resolved following treatment, right eye
E13.37X2	Other specified diabetes mellitus with diabetic macular edema, resolved following treatment, left eye
E13.37X3	Other specified diabetes mellitus with diabetic macular edema, resolved following treatment, bilateral
E13.37X9	Other specified diabetes mellitus with diabetic macular edema, resolved following treatment, unspecified eye
E13.39	Other specified diabetes mellitus with other diabetic ophthalmic complication
E13.40	Other specified diabetes mellitus with diabetic neuropathy, unspecified
E13.41	Other specified diabetes mellitus with diabetic mononeuropathy
E13.42	Other specified diabetes mellitus with diabetic polyneuropathy
E13.43	Other specified diabetes mellitus with diabetic autonomic (poly)neuropathy
E13.44	Other specified diabetes mellitus with diabetic amyotrophy
E13.49	Other specified diabetes mellitus with other diabetic neurological complication
E13.51	Other specified diabetes mellitus with diabetic peripheral angiopathy without gangrene
E13.52	Other specified diabetes mellitus with diabetic peripheral angiopathy with gangrene
E13.59	Other specified diabetes mellitus with other circulatory complications
E13.610	Other specified diabetes mellitus with diabetic neuropathic arthropathy
E13.618	Other specified diabetes mellitus with other diabetic arthropathy
E13.620	Other specified diabetes mellitus with diabetic dermatitis
E13.621	Other specified diabetes mellitus with foot ulcer
E13.622	Other specified diabetes mellitus with other skin ulcer
E13.628	Other specified diabetes mellitus with other skin complications
E13.630	Other specified diabetes mellitus with periodontal disease
E13.638	Other specified diabetes mellitus with other oral complications
E13.641	Other specified diabetes mellitus with hypoglycemia with coma
E13.649	Other specified diabetes mellitus with hypoglycemia without coma
E13.65	Other specified diabetes mellitus with hyperglycemia
E13.69	Other specified diabetes mellitus with other specified complication
E13.8	Other specified diabetes mellitus with unspecified complications
E13.9	Other specified diabetes mellitus without complications
O24.011	Pre-existing type 1 diabetes mellitus, in pregnancy, first trimester
O24.012	Pre-existing type 1 diabetes mellitus, in pregnancy, second trimester

O24.013	Pre-existing type 1 diabetes mellitus, in pregnancy, third trimester
O24.019	Pre-existing type 1 diabetes mellitus, in pregnancy, unspecified trimester
O24.02	Pre-existing type 1 diabetes mellitus, in childbirth
O24.03	Pre-existing type 1 diabetes mellitus, in the puerperium
O24.111	Pre-existing type 2 diabetes mellitus, in pregnancy, first trimester
O24.112	Pre-existing type 2 diabetes mellitus, in pregnancy, second trimester
O24.113	Pre-existing type 2 diabetes mellitus, in pregnancy, third trimester
O24.119	Pre-existing type 2 diabetes mellitus, in pregnancy, unspecified trimester
O24.12	Pre-existing type 2 diabetes mellitus, in childbirth
O24.13	Pre-existing type 2 diabetes mellitus, in the puerperium
O24.311	Unspecified pre-existing diabetes mellitus in pregnancy, first trimester
O24.312	Unspecified pre-existing diabetes mellitus in pregnancy, second trimester
O24.313	Unspecified pre-existing diabetes mellitus in pregnancy, third trimester
O24.319	Unspecified pre-existing diabetes mellitus in pregnancy, unspecified trimester
O24.32	Unspecified pre-existing diabetes mellitus in childbirth
O24.33	Unspecified pre-existing diabetes mellitus in the puerperium
O24.811	Other pre-existing diabetes mellitus in pregnancy, first trimester
O24.812	Other pre-existing diabetes mellitus in pregnancy, second trimester
O24.813	Other pre-existing diabetes mellitus in pregnancy, third trimester
O24.819	Other pre-existing diabetes mellitus in pregnancy, unspecified trimester
O24.82	Other pre-existing diabetes mellitus in childbirth
O24.83	Other pre-existing diabetes mellitus in the puerperium
O24.911	Unspecified diabetes mellitus in pregnancy, first trimester
O24.912	Unspecified diabetes mellitus in pregnancy, second trimester
O24.913	Unspecified diabetes mellitus in pregnancy, third trimester
O24.919	Unspecified diabetes mellitus in pregnancy, unspecified trimester
O24.92	Unspecified diabetes mellitus in childbirth
O24.93	Unspecified diabetes mellitus in the puerperium
E71.30	Disorder of fatty-acid metabolism, unspecified
E71.310	Long chain/very long chain acyl CoA dehydrogenase deficiency
E71.311	Medium chain acyl CoA dehydrogenase deficiency
E71.312	Short chain acyl CoA dehydrogenase deficiency
E71.313	Glutaric aciduria type II
E71.314	Muscle carnitine palmitoyltransferase deficiency
E71.318	Other disorders of fatty-acid oxidation
F71.39	Other disorders of fatty-acid metabolism

E74.00	Glycogen storage disease, unspecified
E74.01	von Gierke disease
E74.02	Pompe disease
E74.03	Cori disease
E74.04	McArdle disease
E74.09	Other glycogen storage disease
E74.12	Hereditary fructose intolerance
E74.4	Disorders of pyruvate metabolism and gluconeogenesis
D13.7	Benign neoplasm of endocrine pancreas
P70.4	Other neonatal hypoglycemia
E16.1	Other hypoglycemia

MTM ICD-10-CM CODES

Z71.89	Other specified counseling
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TOBACCO CESSATION ICD-10-CM CODES

F17.200	Nicotine dependence, unspecified, uncomplicated
F17.201	Nicotine dependence, unspecified, in remission
F17.210	Nicotine dependence, cigarettes, uncomplicated
F17.211	Nicotine dependence, cigarettes, in remission
F17.220	Nicotine dependence, chewing tobacco, uncomplicated
F17.221	Nicotine dependence, chewing tobacco, in remission
F17.290	Nicotine dependence, other tobacco product, uncomplicated
F17.291	Nicotine dependence, other tobacco product, in remission

IMMUNIZATION ICD-10-CM CODES

Z23	Encounter for immunization
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APPENDIX B: MTM SERVICE CATEGORY CRITERIA

ASTHMA/COPD

Using 3 or more rescue (short-acting beta₂-agonist) inhalers per year

Using an average of 3 or more rescue nebulizer doses per day

DIABETES

Diabetes-related complications

Comorbid conditions of hypertension and/or hyperlipidemia

ADHERENCE

Non-adherence identified for medication(s) in the following drug classes:

- Hypertension
- Congestive heart failure (CHF)
- Antidepressant
- Antipsychotic

Non-adherence identified for any class of medication resulting in:

- Poor and/or loss of disease control
- Potentially unnecessary drug regimen changes
 - Dose increase
 - Add-on therapy
 - Switching medication(s) or requesting "brand necessary"
- Negative therapeutic outcomes

TRANSITION OF CARE

High risk for readmission based on at least one of the following (after discharge to home from hospitalization, or other skilled nursing facility, where medications were managed):

- Taking 5 or more medications following discharge
- 2 or more new medications at discharge
- 3 or more admissions in the last year
- Admission diagnosis of one of the following:
 - Congestive heart failure
 - Pneumonia
 - Myocardial Infarction
 - Mood disorder
 - Chronic obstructive pulmonary disease

HIGH-RISK MEDICATION USE

Any off-label medication use

Filling at least one medication from the following drug classes:

- Opioid
- Benzodiazepine
- Muscle Relaxant
- Hypnotic (Z-sleeper)
- Proton pump inhibitor (PPI)
- Hepatitis C antiviral

Must also meet at least one of the following subcategory criteria:

CHRONIC TREATMENT	Opioid use: First fill of long-acting opioid Escalation of therapy beyond 50 MME/day
	Muscle relaxant, PPI, hypnotic, benzodiazepine use: <ul style="list-style-type: none"> • Second refill for a new medication within 2 months • Using at maximum as needed interval allowed for 2 or more weeks
POLYPHARMACY	Taking 2 or more high-risk medications
	Using more than 4 pharmacies or 7 prescribers within past 365 days
	NarxCare Score of 650 or greater
DEPRESCRIBING	Taking high-risk medication for 3 or more continuous months
	Taking medication for off-label indication
	Drug regimen is not optimal (based on guidelines, symptom management, side effects, risk profile, etc.)
MISSING DRUG THERAPY	Drug regimen is not optimal (based on guidelines, symptom management, side effects, risk profile, etc.)

APPENDIX C: MTM ENCOUNTER GUIDANCE

MTM ENCOUNTER (NOT ALL-INCLUSIVE)

Pharmacists providing medical services are expected to establish an open, collaborative working relationship with members' primary and treating health care providers (HCP)

MTM provider will assess relevant factors influencing disease control and medication use:

- Medication appropriateness (based on symptoms, labs, current guidelines, etc.)
- Medication use problems (adherence issues, administration technique, etc.)
- Lifestyle and quality of life (triggers, social history, environment, etc.)
- Personal and family medical history
- Safety and efficacy of medications

MTM provider will discuss with the member as applicable:

- Understanding of disease state(s)
- How medications are to be taken and purpose of medications
- Benefits, risks, and adverse reactions of drug therapy
- Goals and expectations of drug therapy, including functional status
- Safe storage and disposal of medications
- Pharmacological and non-pharmacological treatment alternatives
- Potential referrals

FOLLOW-UP PHONE CALL

During this phone call, the MTM provider should:

- Assess adherence addressing adherence barriers
 - Evaluate member's understanding of medication regimen
 - Identify additional side effects, interactions, and treatment concerns
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