

# Wellness Wednesday: Bone Mass Measurements

September 6, 2023

# Today's Presenters



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## Objective

Provide an overview of the Medicare preventive service:  
Bone Mass Measurements

Encourage providers to promote and educate  
beneficiaries in life-saving preventive services and  
screenings

Assist providers in billing so that claim denials can be  
avoided



# Agenda

Overview of Medicare's Preventive Services Program

Bone Mass Measurements (BMM)

Resources and References

Questions and Answers

# Overview of Medicare's Preventive Services Program

# Preventive Services Overview

- CMS recognizes the importance of disease prevention, early detection and lifestyle modifications supporting the health of Medicare beneficiaries
- Medicare pays for many preventive benefits
- Preventive services support the health of Medicare beneficiaries by
  - Educating about potentially life-saving services and screenings
  - Early detection and/or prevention of diseases
  - Assisting with/suggesting lifestyle modifications

# Medicare Preventive Services



**mln**  
 EDUCATIONAL TOOL  
 KNOWLEDGE • RESOURCES • TRAINING

Print

Telehealth Eligible Services

Medicare Preventive Services

× Select a Service

FAQs

Resources

|                                                    |                                      |                                                |                                            |                                  |                                    |                                                |
|----------------------------------------------------|--------------------------------------|------------------------------------------------|--------------------------------------------|----------------------------------|------------------------------------|------------------------------------------------|
| Alcohol Misuse Screening & Counseling <sup>T</sup> | Annual Wellness Visit <sup>T</sup>   | Bone Mass Measurement                          | Cardiovascular Disease Screening Test      | Cervical Cancer Screening        | Colorectal Cancer Screening        | Counseling to Prevent Tobacco Use <sup>T</sup> |
| Depression Screening <sup>T</sup>                  | Diabetes Screening                   | Diabetes Self-Management Training <sup>T</sup> | Flu Shot & Administration                  | Glaucoma Screening               | Hepatitis B Screening              | Hepatitis B Shot & Administration              |
| Hepatitis C Screening                              | HIV Screening                        | IBT for Cardiovascular Disease <sup>T</sup>    | IBT for Obesity <sup>T</sup>               | Initial Preventive Physical Exam | Lung Cancer Screening <sup>T</sup> | Mammography Screening                          |
| Medical Nutrition Therapy <sup>T</sup>             | Medicare Diabetes Prevention Program | Pneumococcal Shot & Administration             | Prolonged Preventive Services <sup>T</sup> | Prostate Cancer Screening        | Screening Pap Test                 | Screening Pelvic Exam                          |
| STI Screening & HIBC to Prevent STIs <sup>T</sup>  | Ultrasound AAA Screening             |                                                |                                            |                                  |                                    |                                                |

Quick Start

Advance Health Equity

MLN006559 May 2023



# Deductible and Coinsurance Waived for Certain Preventive Services

- For DOS on or after 1/1/2011
  - Medicare deductible and coinsurance waived for preventive services included in this presentation
  - [CR 7012](#), “Waiver of Coinsurance and Deductible for Preventive Services, Section 4104 of Patient Protection and Affordable Health Care Act, Removal of Barriers to Preventive Services in Medicare”

# Did You Know

- A beneficiary must be enrolled in Medicare Part B to be covered for any Medicare preventive services

# Bone Mass Measurements

# Background

- Osteoporosis = porous bone
  - Disease of skeletal system
  - Low bone mass
  - Deterioration of bone tissue
- 10 million+ Americans have osteoporosis
  - 34 million+ Americans have low bone mass
- Bone mass measurement benefit available since 1998
  - National Coverage Determination

# Benefits of BMM (Bone Density Studies)

- Earlier detection, earlier treatment of osteoporosis
- Reduction/prevention of bone fractures



# BMM Definition

- Radiologic, radioisotopic, or other procedure that meets all of the following conditions
  - Performed to identify bone mass, detect bone loss or determine bone quality
  - Performed with either bone densitometer (other than single-photon or dual-photon absorptiometry) or bone sonometer system that has been cleared for marketing for BMM by the FDA
  - Includes physician's interpretation of the results

# Risk Factors

- Aged 50 and older
- Female gender
- Personal or family history of broken bones
- Caucasian or Asian-American ethnicity
- Small bone structure
- Low body weight (less than 127 pounds)
- Frequent smoking or drinking
- Low-calcium diet

# Who Is Covered

- Medicare beneficiary in at least one category
  - Estrogen-deficient female at clinical risk for osteoporosis
  - Individual with vertebral abnormalities demonstrated by X-ray to be osteoporosis, osteopenia or vertebral fracture
  - Individual receiving/expecting to receive glucocorticoid therapy equivalent to average of 5 mg or greater of prednisone for more than three months
  - Individual with primary hyperparathyroidism
  - Individual monitored to assess response to FDA-approved drug therapy

# Frequency of BMM Coverage

- Once every two years
  - At least 23 months after last covered BMM test
- More frequent testing may be covered if medically necessary
  - Examples
    - ✓ Monitoring patient on long-term glucocorticoid therapy of more than three months
    - ✓ Confirming baseline BMM to permit future monitoring of patient

# Who Can Perform

- Physician
- Qualified nonphysician practitioner
  - Physician assistant
  - Nurse practitioner
  - Clinical nurse specialist



# Documentation

- Order by qualified physician or NPP
  - Performed BMM evaluation and treating patient
- Service performed under appropriate level of physician supervision
- Service reasonable and medically necessary to diagnose, treat, or monitor qualified individual
- Which test performed and why
  - [CMS IOM Publication 100-02, Medicare Benefit Policy Manual, Chapter 15, Section 80.5.4](#)

# BMM Diagnosis Codes

- E21.0, E21.3
- E23.0
- E34.2
- E89.40, E89.41
- M80.08xA, M80.88xA
- M84.58xA, M84.68xA
- N95.8, N95.9
- Q78.0
- S34.3xxA
- Z78.0
- Z79.3, Z79.51, Z79.52, Z79.811
- Z79.818
- Z79.83
- Z87.310

# BMM Diagnosis Codes

- In addition, more specific codes from the following ICD-10 categories or subcategories may be used
  - E24, E28.3
  - M48, M81
  - Certain codes within M85.8 – subcategory
  - Q96
  - S12, S14, S22, S24, S32.0, S32.1, S32.2, S34.1

# TOBs and Revenue Codes

| TOB | Description                             | Revenue Code           |
|-----|-----------------------------------------|------------------------|
| 12X | Hospital inpatient Part B including CAH | 0320                   |
| 13X | Hospital outpatient                     | 0320                   |
| 22X | SNF inpatient Part B                    | 0320                   |
| 23X | SNF outpatient                          | 0320                   |
| 71X | RHC                                     | 052X                   |
| 77X | FQHC                                    | 0771                   |
| 85X | CAH outpatient                          | 0320, 096X, 097X, 098X |

# HCPCS/CPT Coding – BMM

| HCPCS/CPT Codes | Description                                                                                                  |
|-----------------|--------------------------------------------------------------------------------------------------------------|
| G0130           | SEXA bone density study, 1 or more sites; appendicular skeleton (peripheral) (e.g., radius, wrist, heel)     |
| 76977           | Ultrasound bone density measurement and interpretation, peripheral site(s), any method                       |
| 77078           | Computed tomography, bone mineral density study, 1 or more sites; axial skeleton (e.g., hips, pelvis, spine) |



# HCPCS/CPT Coding – BMM

| HCPCS/CPT Codes | Description                                                                                                                   |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------|
| 77080           | Dual-energy x-ray absorptiometry (DXA), bone density study, 1 or more sites; axial skeleton (e.g., hips, pelvis, spine)       |
| 77081           | DXA, bone density study, 1 or more sites; appendicular skeleton (peripheral) (e.g., radius, wrist, heel)                      |
| 77085           | DXA, bone density study, 1 or more sites; axial skeleton (e.g., hips, pelvis, spine), including vertebral fracture assessment |

# Not Covered Under This Benefit

- Single photon absorptiometry (CPT code 78350)
- Dual photon absorptiometry (CPT code 78351)
- Under bone/joint studies (CPT code 77986)

# Billing Tips

- When to use Modifier – XU (Unusual non-overlapping service, does not overlap usual components of main service)
  - When coding 77085 and 77081 together, add to 77081
  - When coding 77080 and 77081 together, add to 77080
- Do not report 77080 with 77085

# Prolonged Preventive Services

- Add-on code for when service goes beyond typical service time of primary procedure (requires direct patient contact)
  - HCPCS code G0513 – first 30 minutes
  - HCPCS code G0514 – each additional 30 minutes (also bill G0513)
- Only certain codes eligible to bill for prolonged services
  - 76977, 77078, 77080, 77081, G0130

# Billing Requirements – Osteoporosis Screening Tests

- Report valid ICD-10 diagnosis code indicating one of the following
  - Postmenopausal female
  - Vertebral fracture
  - Hyperparathyroidism
  - Steroid therapy
- Line-item reporting
  - Appropriate BMM HCPCS/CPT code
  - Appropriate revenue code



# Billing Requirements – Monitoring Tests For Osteoporosis Drug Therapy

- Must be performed with dual-energy X-ray absorptiometry (axial) test (CPT code 77080)
- Report appropriate osteoporosis ICD-10 diagnosis code
- Line-item reporting
  - Revenue code 320
  - CPT code 77080

# Billing Instructions for RHC/FQHC

- BMM testing does not qualify as stand-alone billable encounter
  - Report on separate line as incident-to billable encounter
    - ✓ Reimbursement included in AIR/PPS payment
  - If only service performed on DOS, do not submit claim

# Reimbursement

- Medicare
  - Payment under current methodologies for radiology services and type of facility providing service
- Beneficiary cost-sharing
  - Deductible waived
  - Coinsurance/copayment waived

# Why the Claim Did Not Pay

- Physician/qualified NPP did not order tests
- Beneficiary does not meet definition of “qualified individual”
- Services submitted without appropriate ICD-10 diagnosis codes
- Noncovered CPT codes billed

# BMM Information on CWF

|                                                            |        |        |   |                                      |        |          |          |
|------------------------------------------------------------|--------|--------|---|--------------------------------------|--------|----------|----------|
| MAP175M                                                    |        |        |   | NATIONAL GOVERNMENT SERVICES, #13001 | UAT    | ACMFA561 | 07/18/23 |
| MXG9282                                                    | SC     |        |   | ACCEPTED                             |        | A20233BP | 12:15:00 |
| MID                                                        |        | NM     |   | IT                                   | DB     | SX       |          |
| PRVN SERVC                                                 | TECH D | PROF D | : | PRVN SERVC                           | TECH D | PROF D   | :        |
| TELH/99231                                                 | 060111 | 060111 | : | BONE/77085                           | 060111 | 060111   | :        |
| TELH/99232                                                 | 060111 | 060111 | : | COCS/                                | 100914 |          | :        |
| TELH/99233                                                 | 060111 | 060111 | : | LDCT/G0297                           | AGE    | AGE      | :        |
| TELH/99307                                                 | 060111 | 060111 | : | HPVS/G0476                           | GDR    |          | :        |
| TELH/99308                                                 | 060111 | 060111 | : | HIVS/                                | 041315 | SRV      | :        |
| TELH/99309                                                 | 060111 | 060111 | : | BONE/0508T                           | 060111 | 060111   | :        |
| TELH/99310                                                 | 060111 | 060111 | : | BONE/0554T                           |        |          | :        |
| BEHV/G0442                                                 |        | 101411 | : | BONE/0555T                           |        |          | :        |
| BEHV/G0443                                                 |        | SVC    | : | BONE/0556T                           |        |          | :        |
| BEHV/G0444                                                 | 101411 | 101411 | : | BONE/0557T                           |        |          | :        |
| BEHV/G0446                                                 | 110811 | 110811 | : | BONE/0558T                           |        |          | :        |
| BONE/77078                                                 | 060111 | 060111 | : | ABPM/93784                           | 070219 | 070219   | :        |
| BONE/77080                                                 | 060111 | 060111 | : | ACUP/                                | 012120 | 012120   | :        |
| BONE/77081                                                 | 060111 | 060111 | : | LDCT/71271                           | AGE    | AGE      | :        |
| BONE/76977                                                 | 060111 | 060111 | : |                                      |        |          | :        |
| BONE/G0130                                                 | 060111 | 060111 | : |                                      |        |          | :        |
| BEHV/G0473                                                 | 010115 | 010115 | : |                                      |        |          | :        |
| HCAS/G0472                                                 | 060214 | 060214 | : |                                      |        |          | :        |
| PROCESS COMPLETED --- PLEASE CONTINUE                      |        |        |   |                                      |        |          |          |
| PRESS PF3-EXIT PF5-SCROLL BKWD PF7-PREV PAGE PF8-NEXT PAGE |        |        |   |                                      |        |          |          |
| 48                                                         | :00.1  |        |   |                                      |        |          | 02/16    |

# What You Should Do Now

- Ensure registration staff checks CWF to see when beneficiary can have next BMM preventive service
- Update any procedures/charge master with correct coding information
- Share this information with coding staff
- Become familiar with preventive services regulations for any additions or updates
- Submit claims in compliance with billing guidelines

# Resources and References

# CMS Resources

- [CMS IOMs](#)
  - Regulations and Guidance > Manuals > Internet-Only Manuals (IOMs)
- [CMS preventive services web pages](#)
  - Medicare > Prevention (Individual links for each preventive service are located under Prevention tab)



# CMS Internet-Only Manuals

## ■ CMS IOM

- [Publication 100-02, Medicare Benefit Policy Manual, Chapter 15, Section 80.5](#)
  - ✓ Conditions for coverage Section 80.5.4
- Publication 100-04, *Medicare Claims Processing Manual*
  - ✓ [Chapter 13, Section 10-10.1; Section 140-140.3](#)
  - ✓ [Chapter 23, Section 10-10.1.7](#)

# CMS Medicare Learning Network

## ■ Transmittals

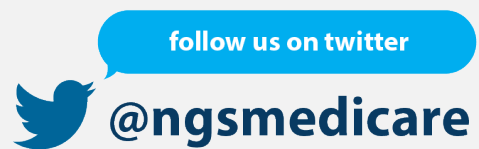
- [5521](#): Bone Mass Measurements (BMMs)
- [5847](#): Clarification of Bone Mass Measurement (BMM) Billing Requirements Issued in CR 5521

# CMS Medicare Learning Network

- [MLN Products](#)
  - Preventive Services Educational Products web page
  - MLN Products Catalog
  - Web-based training
- [ICN 006559](#): Medicare Preventive Services Quick Reference Chart

# Questions?

Thank you! A follow-up email will be sent to attendees with the Medicare University Course Code.



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youtube.com/ngsmedicare