Appropriate Use of DXA Scans in Women Under 65 Years Who Do Not Meet the Risk Factor Profile for Osteoporotic Fracture

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<th>Measure Title</th>
<th>Appropriately Use of DXA Scans in Women Under 65 Years Who Do Not Meet the Risk Factor Profile for Osteoporotic Fracture</th>
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<tr>
<td>eCQM Identifier (Measure Authoring Tool)</td>
<td>249 eCQM Version Number 5.0.000</td>
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<tr>
<td>NQF Number</td>
<td>3475e</td>
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<td>Measurement Period</td>
<td>January 1, 20XX through December 31, 20XX</td>
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<td>Measure Steward</td>
<td>Centers for Medicare &amp; Medicaid Services (CMS)</td>
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<td>Description</td>
<td>Percentage of female patients 50 to 64 years of age without select risk factors for osteoporotic fracture who received an order for a dual-energy x-ray absorptiometry (DXA) scan during the measurement period.</td>
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Measure Scoring | Proportion |
| Measure Type | Process |
| Stratification | None |
| Risk Adjustment | None |
| Rate Aggregation | None |
| Rationale | This measure is expected to increase recording of patient risk for fracture data and decrease the amount of inappropriate DEXA scans. Current osteoporosis guidelines recommend using bone measurement testing to assess osteoporosis risk in women 65 years and older. In postmenopausal women younger than age 65, guidelines recommend using a formal clinical risk assessment tool to establish a patient’s risk for osteoporosis, in order to determine whether to screen a patient for osteoporosis using bone measurement testing. Clinical information, such as age, body mass index (BMI), parental hip fracture history, and alcohol use, can be used to determine a woman’s fracture risk (U.S. Preventive Services Task Force [USPSTF], 2018). Additionally, there are potentially avoidable harms associated with screening for osteoporosis in general, including exposure to radiation, false positive exams, and resulting side effects from unnecessary osteoporosis medications, which add costs to an already burdened health care system (Lim, Hoeksema, & Sherin, 2009).

USPSTF: "The USPSTF recommends screening for osteoporosis with bone measurement testing to prevent osteoporotic fractures in women 65 years and older." This is a B recommendation.

"The USPSTF concludes that the current evidence is insufficient to assess the balance of benefits and harms of screening for osteoporosis to prevent osteoporotic fractures in men." This is an I statement.

"The USPSTF recommends screening for osteoporosis with bone measurement testing to prevent osteoporotic fractures in postmenopausal women younger than 65 years who are at increased risk of osteoporosis, as determined by a formal clinical risk assessment tool." This is a B recommendation.

"For postmenopausal women younger than 65 years who have at least 1 risk factor, a reasonable approach to determine who should be screened with bone measurement testing is to use a clinical risk assessment tool."

Clinical Recommendation Statement | "Several tools are available to assess osteoporosis risk: the Simple Calculated Osteoporosis Risk Estimate (SCORE; Merck), Osteoporosis Risk Assessment Instrument (ORAI), Osteoporosis Index of Risk (OSIRIS), and the Osteoporosis Self-Assessment Tool (OST). These tools seem to perform similarly and are moderately accurate at predicting osteoporosis. The FRAX tool (University of Sheffield), which assesses a person's 10-year risk of fracture, is also a commonly used tool."

"Because the benefits of treatment are greater in persons at higher risk of fracture, one approach is to perform bone measurement testing in postmenopausal women younger than 65 years who have a 10-year FRAX risk of major osteoporotic fracture (MOF) (without DXA) greater than that of a 65-year-old white woman without major risk factors. For example, in the United States, a 65-year-old white woman of mean height and weight without major risk factors has a 10-year FRAX risk of MOF of 8.4%.

Improvement Notation | Lower score indicates better quality |

Definition | The measure allows for clinicians to use 4 tools to assess osteoporosis or osteoporotic fracture risk.

1. The Fracture Risk Assessment Tool (FRAX[R]) is used to calculate 10-year absolute fracture risk. The FRAX evaluates a patient’s 10-year probability of hip fracture and major osteoporotic fracture (clinical spine, forearm, hip, or shoulder fracture). It is applicable to people aged 40-90 years.

2. The Osteoporosis Risk Assessment Instrument (ORAI) is used to calculate osteoporosis risk. It is applicable to women >=45 years.

3. The Osteoporosis Index of Risk (OSIRIS) is used to calculate osteoporosis risk. It is applicable to patients of any age.

https://ecqi.healthit.gov/sites/default/files/ecqm/measures/CMS249v5.html
4. The Osteoporosis Self Assessment Tool (OST) is used to calculate osteoporosis risk. It is applicable to patients of any age.

Patients are excluded from the measure if they have one or more risk factors for osteoporosis, including a result indicating that the patient should be considered for bone density testing on one of the following risk assessment instruments:

- 10-year probability of major osteoporotic fracture of 8.4 percent or higher as determined by the FRAX
- ORAI score of >=9
- OSIRIS score of <1
- OST score of <2

This eCQM is a patient-based measure.

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

Transmission Format

TBD

Initial Population

Female patients ages 50 to 63 years at the start of the measurement period with an encounter during the measurement period

Denominator

Equals Initial Population

Exclude patients with one of the following risk factors.

Risk factors are grouped by when they occur in relation to the measurement period.

The following risk factors must be active during the measurement period:

- Alcohol consumption (> two units per day (one unit is 12 oz. of beer, 4 oz. of wine, or 1 oz. of liquor))

The following risk factors may occur at any time in the patient's history prior to the start of the measurement period:

- Osteoporosis
- Osteopenia

The following risk factors may occur at any time in the patient's history prior to the start of the measurement period, but do not need to be active during the measurement period:

- Gastric bypass
- Aromatase inhibitors
- Documentation of history of hip fracture in parent

The following risk factors may occur at any time in the patient's history or during the measurement period:

- Glucocorticoids (cumulative medication duration >= 90 days)
- Osteoporotic fracture

- Chronic malnutrition
- Chronic liver disease
- Rheumatoid arthritis
- Hyperthyroidism
- Type I Diabetes
- End stage renal disease
- Osteogenesis imperfecta
- Ankylosing spondylitis
- Psoriatic arthritis
- Ehlers-Danlos syndrome
- Cushing's syndrome
- Hyperparathyroidism
- Marfan syndrome
- Lupus
- Chemotherapy
- Multiple myeloma
- Premature menopause
- Double or bilateral oophorectomy
- Eating disorder
- Amenorrhea
- Organ transplant

Numerator

Female patients who received an order for at least one DXA scan in the measurement period

Exclude patients with a result on one of the following tools, which indicates the patient should be considered for bone density testing, anytime in the patient's history prior to the time of the first DXA scan during the measurement period:

- FRAX[R] ten-year probability of all major osteoporosis related fracture >= 8.4 percent
- ORAI score of >=9
- OSIRIS score of <1
- OST score of <2

Denominator Exclusions

None

Numerator Exclusions

None

Supplemental Data Elements

For every patient evaluated by this measure also identify payer, race, ethnicity and sex
Denominator Exclusions

"Has Risk Factor Active During the Measurement Period"
or "Has Risk Factor Any Time in History Prior to Measurement Period"or "Has Risk Factor Any Time in History Prior to Measurement Period and Do Not Need to be Active During Measurement Period"or "Has Risk Factor Any Time in History or During Measurement Period"

Numerator

exists "DXA Scan Order During Measurement Period"

Numerator Exclusions

exists "Osteoporosis Fracture Risk Assessment Prior to First DXA Scan"

Denominator Exceptions

None

Stratification

None

Definitions

Initial Population

"Has Risk Factor Active During the Measurement Period"
or "Has Risk Factor Any Time in History Prior to Measurement Period"or "Has Risk Factor Any Time in History Prior to Measurement Period and Do Not Need to be Active During Measurement Period"or "Has Risk Factor Any Time in History or During Measurement Period"

DXA Scan Order During Measurement Period

["Diagnostic Study, Order": "DXA (Dual energy Xray Absorptiometry) Scan"] DXA
where DXA.authorDatetime during "Measurement Period"
sort by authorDatetime asc

First Average Number of Drinks Assessment Indicating More Than Two Per Day

First["Assessment, Performed": "Alcoholic drinks per drinking day - Reported"] AverageDrinks
where start of Global."NormalizeInterval"(AverageDrinks.relevantDatetime, AverageDrinks.relevantPeriod) during "Measurement Period"
and AverageDrinks.result > 2 'drinks/d'
sort by start of Global."NormalizeInterval"(relevantDatetime, relevantPeriod)

First BMI in Measurement Period

First["Physical Exam, Performed": "Body mass index (BMI) [Ratio]"] BMI
where start of Global."NormalizeInterval"(BMI.relevantDatetime, BMI.relevantPeriod) during "Measurement Period"
and BMI.result is not null
sort by start of Global."NormalizeInterval"(relevantDatetime, relevantPeriod)

First BMI in Measurement Period Less Than or Equal to 20 kg m2

"First BMI in Measurement Period" FirstBMI
where FirstBMI.result <= 20 'kg/m2'

Glucocorticoid Active Medication Days

Sum("Glucocorticoid Active Medication Duration in Days")

Glucocorticoid Active Medication Duration in Days

( collapse (["Medication, Active": "Glucocorticoids (oral only)"] Glucocorticoid
where Glucocorticoid.relevantPeriod starts before end of "Measurement Period"
).relevantPeriod per day ) GlucocorticoidIntervals
return difference in days of ( GlucocorticoidIntervals
intersect Interval[Patient.birthDatetime, end of "Measurement Period"]
end of "Measurement Period"
) + 1

Has 90 or More Active Glucocorticoid Medication Days

"Glucocorticoid Active Medication Days" >= 90

Has Double or Bilateral Oophorectomy

exists ("ProcedureInPatientHistory"("Procedure, Performed": "Bilateral Oophorectomy")))
or exists ("ProcedureInPatientHistory"("Procedure, Performed": "Evidence of Bilateral Oophorectomy")))
or ( exists ("ProcedureInPatientHistory"("Procedure, Performed": "Unilateral Oophorectomy, Unspecified Laterality") UnilateralOophorectomy
where UnilateralOophorectomy.anatomicalLocationSite ~ "Right (qualifier value)"
)
union ("Procedure, Performed": "Unilateral Oophorectomy Right")
)
and exists ("ProcedureInPatientHistory"("Procedure, Performed": "Unilateral Oophorectomy, Unspecified Laterality") UnilateralOophorectomy
where UnilateralOophorectomy.anatomicalLocationSite ~ "Left (qualifier value)"
)
union ("Procedure, Performed": "Unilateral Oophorectomy Left")
)
Has Organ Transplants
- exists "ProcedureInPatientHistory"("Procedure, Performed": "Major Transplant")
- union "Procedure, Performed": "Kidney Transplant"
- union "Procedure, Performed": "Bone Marrow Transplant"

Has Osteopenia Before Measurement Period
- exists "Diagnosis": "Osteopenia"
- OsteopeniaDiagnosis
- where OsteopeniaDiagnosis.prevalencePeriod starts before start of "Measurement Period"

Has Osteoporosis Before Measurement Period
- exists "Diagnosis": "Osteoporosis"
- OsteoporosisDiagnosis
- where OsteoporosisDiagnosis.prevalencePeriod starts before start of "Measurement Period"

Has Risk Factor Active During the Measurement Period
- "First BMI in Measurement Period Less Than or Equal to 20 kg m2" is not null
- or "First Average Number of Drinks Assessment Indicating More Than Two Per Day" is not null

Has Risk Factor Any Time in History or During Measurement Period
- "Has 90 or More Active Glucocorticoid Medication Days"
- or exists "DiagnosisInPatientHistory"("Diagnosis": "Osteoporotic Fractures")
- union "Diagnosis": "Malabsorption Syndromes"
- union "Diagnosis": "Chronic Malnutrition"
- union "Diagnosis": "Chronic Liver Disease"
- union "Diagnosis": "Rheumatoid Arthritis"
- union "Diagnosis": "Hyperparathyroidism"
- union "Diagnosis": "Type 1 Diabetes"
- union "Diagnosis": "End Stage Renal Disease"
- union "Diagnosis": "Osteogenesis Imperfecta"
- union "Diagnosis": "Ankylosing Spondylitis"
- union "Diagnosis": "Psoriatic Arthritis"
- union "Diagnosis": "Ehlers Danlos Syndrome"
- union "Diagnosis": "Cushing's Syndrome"
- union "Diagnosis": "Hyperparathyroidism"
- union "Diagnosis": "Marfan's Syndrome"
- union "Diagnosis": "Lupus"
- union "Diagnosis": "Multiple Myeloma"
- union "Diagnosis": "Premature Menopause"
- union "Diagnosis": "Eating Disorders"
- union "Diagnosis": "Amenorrhea"
- or exists "ProcedureInPatientHistory"("Procedure, Performed": "Chemotherapy")
- or "Has Double or Bilateral Oophorectomy"
- or "Has Organ Transplants"

Has Risk Factor Any Time in History Prior to Measurement Period
- "Has Osteoporosis Before Measurement Period"
- or "Has Osteopenia Before Measurement Period"

Has Risk Factor Any Time in History Prior to Measurement Period and Do Not Need to be Active During Measurement Period
- exists ( ( "Procedure, Performed": "Gastric Bypass Surgery" ) GastricBypass
- where Global."NormalizeInterval" ( GastricBypass.relevantDatetime, GastricBypass.relevantPeriod ) ends before start of "Measurement Period"
- )
- union "Medication, Active": "Aromatase Inhibitors"
- AromataseInhibitorActive
- where Global."NormalizeInterval" ( AromataseInhibitorActive.relevantDatetime, AromataseInhibitorActive.relevantPeriod ) starts before start of "Measurement Period"
- )
- union "Parent History of Hip Fracture Assessment"

Initial Population
- AgeInYearsAt(date from start of "Measurement Period") in Interval[50, 63]
- and exists ( ("Patient Characteristic Sex": "Female") )
- and exists "Qualifying Encounter"

Numerator
- exists "DXA Scan Order During Measurement Period"

Numerator Exclusion
- exists "Osteoporosis Fracture Risk Assessment Prior to First DXA Scan"

Osteoporosis Fracture Risk Assessment Prior to First DXA Scan
- ( ("Assessment, Performed": "Major osteoporotic fracture 10-year probability [Likelihood] Fracture Risk Assessment") FRAX
- where FRAX.result >= 8.4 %
- )
- union ( "Assessment, Performed": "Osteoporosis Risk Assessment Instrument" ) ORAI
- where ORAI.result >= 9
- )
- union ( "Assessment, Performed": "Osteoporosis Index of Risk panel" ) OSIRIS
- where OSIRIS.result < 1.0
- )
- union ( "Assessment, Performed": "Osteoporosis Self-Assessment Tool" ) OST
- where OST.result < 2.0
- )
- RiskAssessment

Parent History of Hip Fracture Assessment
Appropriate Use of DXA Scans in Women Under 65 Years Who Do Not Meet the Risk Factor Profile for Osteoporotic Fracture 5.0.

5.0.1

Qualifying Encounter

[(Encounter, Performed: "Office Visit")
union [(Encounter, Performed: "Preventive Care Services Established Office Visit, 18 and Up")
union [(Encounter, Performed: "Unlisted preventive medicine service")
union [(Encounter, Performed: "Preventive Care Services Initial Office Visit, 18 and Up")
union [(Encounter, Performed: "Outpatient Consultation")
union [(Encounter, Performed: "Online Assessments")
union [(Encounter, Performed: "Telephone Visits")]
)

ValidEncounters

where ValidEncounters.relevantPeriod during day of "Measurement Period"

SDE Ethnicity

["Patient Characteristic Ethnicity": "Ethnicity"]

SDE Payer

["Patient Characteristic Payer": "Payer"]

SDE Race

["Patient Characteristic Race": "Race"]

SDE Sex

["Patient Characteristic Sex": "ONC Administrative Sex"]

Functions

DiagnosisInPatientHistory(Diagnosis List<"Diagnosis">)

Diagnosis Dx

where Dx.prevalencePeriod starts on or before day of end of "Measurement Period"

Global.NormalizeInterval(pointInTime DateTime, period Interval<DateTime>)

if pointInTime is not null then Interval(pointInTime, pointInTime)
else if period is not null then period
else null as Interval<DateTime>

ProcedureInPatientHistory(Procedure List<"Procedure, Performed">)

Procedure Proc

where Global.NormalizeInterval ( Proc.relevantDateTime, Proc.relevantPeriod ) ends on or before day of end of "Measurement Period"

Terminology

- code "Alcoholic drinks per drinking day - Reported" ("LOINC Code (11287-0)"
- code "Body mass index (BMI) [Ratio]" ("LOINC Code (39156-5)
- code "Female" ("AdministrativeGender Code (F)"
- code "Left (qualifier value)" ("SNOMEDCT Code (77710000)"
- code "Osteoporosis Index of Risk panel" ("LOINC Code (98133-2)"
- code "Osteoporosis Risk Assessment Instrument" ("LOINC Code (98139-9)"
- code "Osteoporosis Self-Assessment Tool" ("LOINC Code (98146-9)"
- code "Right (qualifier value)" ("SNOMEDCT Code (24280070)"
- code "Unlisted preventive medicine service" ("CPT Code (99429)"
- valueset "Amenorrhea" (2.16.840.1.113883.3.464.1003.1022)
- valueset "Ankylosing Spondylitis" (2.16.840.1.113883.3.464.1003.113.12.1045)
- valueset "Aromatase Inhibitors" (2.16.840.1.113883.3.464.1003.113.12.1036)
- valueset "Bilateral Oophorectomy" (2.16.840.1.113883.3.464.1003.12.1050)
- valueset "Bone Marrow Transplant" (2.16.840.1.113883.3.464.1003.12.1050)
- valueset "Chemotherapy" (2.16.840.1.113883.3.464.1003.12.1050)
- valueset "Chronic Liver Disease" (2.16.840.1.113883.3.464.1003.12.1050)
- valueset "Chronic Malnutrition" (2.16.840.1.113883.3.464.1003.12.1050)
- valueset "Cushings Syndrome" (2.16.840.1.113883.3.464.1003.117.12.1009)
- valueset "DXA (Dual energy Xray Absorptiometry) Scan" (2.16.840.1.113883.3.464.1003.117.12.1051)
- valueset "Eating Disorders" (2.16.840.1.113883.3.464.1003.12.1050)
- valueset "Ehlers Danlos Syndrome" (2.16.840.1.113883.3.464.1003.12.1050)
- valueset "End Stage Renal Disease" (2.16.840.1.113883.3.464.1003.12.1050)
- valueset "Ethnicity" (2.16.840.1.113883.3.464.1003.12.1050)
- valueset "Evidence of Bilateral Oophorectomy" (2.16.840.1.113883.3.464.1003.12.1050)
- valueset "Glucocorticoids (oral only)" (2.16.840.1.113883.3.464.1003.12.1050)
- valueset "History of hip fracture in parent" (2.16.840.1.113883.3.464.1003.12.1050)
- valueset "Hyperparathyroidism" (2.16.840.1.113883.3.464.1003.12.1050)
- valueset "Kidney Transplant" (2.16.840.1.113883.3.464.1003.12.1050)
- valueset "Lupus" (2.16.840.1.113883.3.464.1003.12.1050)
- valueset "Major Fracture" (2.16.840.1.113883.3.464.1003.12.1050)
- valueset "Bone Marrow Transplant" (2.16.840.1.113883.3.464.1003.12.1050)
- valueset "Multiple Myeloma" (2.16.840.1.113883.3.464.1003.12.1050)
- valueset "Office Visit" (2.16.840.1.113883.3.464.1003.12.1050)
- valueset "ONC Administrative Sex" (2.16.840.1.113762.1.4.1)
- valueset "Online Assessments" (2.16.840.1.113883.3.464.1003.12.1050)
- valueset "Osteogenesis Imperfecta" (2.16.840.1.113883.3.464.1003.12.1050)
- valueset "Osteopenia" (2.16.840.1.113883.3.464.1003.12.1050)
- valueset "Osteoporosis" (2.16.840.1.113883.3.464.1003.12.1050)
- valueset "Osteoporotic Fractures" (2.16.840.1.113883.3.464.1003.12.1050)
- valueset "Outpatient Consultation" (2.16.840.1.113883.3.464.1003.12.1050)
- valueset "Premature Menopause" (2.16.840.1.113883.3.464.1003.12.1050)
- valueset "Preventive Care Services Initial Office Visit, 18 and Up" (2.16.840.1.113883.3.464.1003.12.1050)
- valueset "Psoriatic Arthritis" (2.16.840.1.113883.3.464.1003.12.1050)
- valueset "Race" (2.16.840.1.113883.3.464.1003.12.1050)
- valueset "Rheumatoid Arthritis" (2.16.840.1.113883.3.464.1003.12.1050)
Appropriate Use of DXA Scans in Women Under 65 Years Who Do Not Meet the Risk Factor Profile for Osteoporotic Fracture

Data Criteria (QDM Data Elements)

- Assessment, Performed: Alcoholic drinks per drinking day - Reported using "Alcoholic drinks per drinking day - Reported" (LOINC Code 11287-0)
- Assessment, Performed: Osteoporosis Index of Risk panel using "Osteoporosis Index of Risk panel (LOINC Code 98133-2)"
- Assessment, Performed: Osteoporosis Self-Assessment Tool using "Osteoporosis Self-Assessment Tool (LOINC Code 98146-4)"
- Diagnosis, Arteriosclerosis using "Arteriosclerosis (2.16.840.1.113883.3.464.1003.1022)"
- Diagnosis, Atrophy using "Atrophy (2.16.840.1.113883.3.464.1003.1023)"
- Diagnosis, Chronic Liver Disease using "Chronic Liver Disease (2.16.840.1.113883.3.464.1003.199.12.1035)"
- Diagnosis, Chronic Malnutrition using "Chronic Malnutrition (2.16.840.1.113883.3.464.1003.199.12.1030)"
- Diagnosis, Cushings Syndrome using "Cushings Syndrome (2.16.840.1.113883.3.464.1003.117.12.1009)"
- Diagnosis, Eating Disorders using "Eating Disorders (2.16.840.1.113883.3.464.1003.1039)"
- Diagnosis, Ehlers Danlos Syndrome using "Ehlers Danlos Syndrome (2.16.840.1.113883.3.464.1003.113.12.1047)"
- Diagnosis, End Stage Renal Disease using "End Stage Renal Disease (2.16.840.1.113883.3.526.3.353)"
- Diagnosis, Hyperparathyroidism using "Hyperparathyroidism (2.16.840.1.113883.3.464.1003.117.12.1016)"
- Diagnosis, Hyperthyroidism using "Hyperthyroidism (2.16.840.1.113883.3.464.1003.117.12.1015)"
- Diagnosis, Lupus using "Lupus (2.16.840.1.113883.3.464.1003.117.12.1010)"
- Diagnosis, Malabsorption Syndromes using "Malabsorption Syndromes (2.16.840.1.113883.3.464.1003.199.12.1050)"
- Diagnosis, Marfan's Syndrome using "Marfan's Syndrome (2.16.840.1.113883.3.464.1003.113.12.1048)"
- Diagnosis, Multiple Myeloma using "Multiple Myeloma (2.16.840.1.113883.3.464.1003.1011)"
- Diagnosis, Osteogenesis Imperfecta using "Osteogenesis Imperfecta (2.16.840.1.113883.3.464.1003.113.12.1044)"
- Diagnosis, Osteoporosis using "Osteoporosis (2.16.840.1.113883.3.464.1003.113.12.1030)"
- Diagnosis, Osteoporosis Fractures using "Osteoporosis Fractures (2.16.840.1.113883.3.464.1003.113.12.1050)"
- Diagnosis, Premature Menopause using "Premature Menopause (2.16.840.1.113883.3.464.1003.1013)"
- Diagnosis, Rheumatoid Arthritis using "Rheumatoid Arthritis (2.16.840.1.113883.3.464.1003.113.12.1046)"
- Diagnosis, Type 1 Diabetes using "Type 1 Diabetes (2.16.840.1.113883.3.464.1003.1022)"
- Diagnosis, Type 2 Diabetes using "Type 2 Diabetes (2.16.840.1.113883.3.464.1003.113.12.1015)"
- Diagnostics, Order: DXA (Dual energy X-ray Absorptiometry) Scan using "DXA (Dual energy X-ray Absorptiometry) Scan (2.16.840.1.113883.3.464.1003.113.12.1015)"
- Encounter, Performed: Office Visit using "Office Visit (2.16.840.1.113883.3.464.1003.101.12.1001)"
- Encounter, Performed: Preventive Care Services Initial Office Visit, 18 and Up using "Preventive Care Services Initial Office Visit, 18 and Up (2.16.840.1.113883.3.464.1003.101.12.1023)"
- Encounter, Performed: Preventive Care Services Established Office Visit, 18 and Up using "Preventive Care Services Established Office Visit, 18 and Up (2.16.840.1.113883.3.464.1003.101.12.1035)"
- Encounter, Performed: Telephone Visits using "Telephone Visits (2.16.840.1.113883.3.464.1003.101.12.1080)"
- Encounter, Performed: Unilateral Oophorectomy Right using "Unilateral Oophorectomy Right (2.16.840.1.113883.3.464.1003.1032)"
- Encounter, Performed: Unilateral Oophorectomy, Unspecified Laterality using "Unilateral Oophorectomy, Unspecified Laterality (2.16.840.1.113883.3.464.1003.1035)"

Supplemental Data Elements

▲ SDE Ethnicity
- "[Patient Characteristic Ethnicity": "Ethnicity"]

▲ SDE Payer
- "[Patient Characteristic Payer": "Payer"]

▲ SDE Race
- "[Patient Characteristic Race": "Race"]

▲ SDE Sex
- "[Patient Characteristic Sex": "OND Administrative Sex"]

Risk Adjustment Variables

None