eCQM Title	Appropriate Use of DXA Scans in Fracture	n Women Under 65 Years Who Do Not Meet the Risk Factor Profile for Osteoporotic
eCQM Identifier (Measure Authoring Tool)	249	5.0.000 eCQM Version Number
NOF Number	3475e	GUID a3ce125d-c238-42ce-862e-dba0055dfc66
Measurement Period	January 1, 20XX through December 31, 20XX	
Measure Steward	Centers for Medicare & Medicaid Services (CMS)	
Measure Developer	National Committee for Quality Assurance	
Endorsed By	National Quality Forum	
•	Percentage of female patients 50 to 64 years of age without select risk factors for osteoporotic fracture who received	
Description	an order for a dual-energy x-ray absorptiometry (DXA) scan during the measurement period	
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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 DXA 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).	
Clinical Recommendation Statement		ning for osteoporosis with bone measurement testing to prevent osteoporotic dolder." This is a B recommendation.
		current evidence is insufficient to assess the balance of benefits and harms of event osteoporotic fractures in men." This is an I statement.
	fractures in postmenopausal wo by a formal clinical risk assessm	ning for osteoporosis with bone measurement testing to prevent osteoporotic men younger than 65 years who are at increased risk of osteoporosis, as determined ent tool." This is a B recommendation. unger than 65 years who have at least 1 risk factor, a reasonable approach to
		ed with bone measurement testing is to use a clinical risk assessment tool."
	Merck), Osteoporosis Risk Asses Self-Assessment Tool (OST). The	ssess osteoporosis risk: the Simple Calculated Osteoporosis Risk Estimate (SCORE; sment Instrument (ORAI), Osteoporosis Index of Risk (OSIRIS), and the Osteoporosis ese tools seem to perform similarly and are moderately accurate at predicting iversity of Sheffield), which assesses a person's 10-year risk of fracture, is also a
	"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 Reference Type: CITATION	
Reference	**	vroma I 1 % Sharin V (2000) Saraanina far actoonsassis in the adult II S
NGIGI GIICG	Reference Text: 'Lim, L. S., Hoeksema, L. J., & Sherin, K. (2009). Screening for osteoporosis in the adult U.S. population: ACPM position statement on preventive practice. American Journal of Preventive Medicine, 36(4), 366-375.'	
Deferen	Reference Type: CITATION	
Reference		Services Task Force, Curry S. J., Krist, A. H., et al. (2018). Screening for osteoporosis ntive Services Task Force recommendation statement. JAMA, 319(24), 2521-2531.'
Definition	The measure allows for clinician	s to use 4 tools to assess osteoporosis or osteoporotic fracture risk.
	evaluates a patient's 10-year pr shoulder fracture). It is applicab 2. The Osteoporosis Risk Assess women >=45 years.	Tool (FRAX[R]) is used to calculate 10-year absolute fracture risk. The FRAX obability of hip fracture and major osteoporotic fracture (clinical spine, forearm, hip, or le to people aged 40-90 years. ment Instrument (ORAI) is used to calculate osteoporosis risk. It is applicable to tak (OSIRIS) is used to calculate osteoporosis risk. It is applicable to patients of any

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

ORAL score of >=9
 OSIRIS score of <1

• OSIRIS score of < • 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: $BMI \le 20 \text{ kg/m2}$ (must be the first BMI of 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

December of bish

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

Denominator Exclusions

Malabsorption Syndromes: celiac disease, inflammatory bowel disease, ulcerative colitis, Crohn's disease, cystic

fibrosis, malabsorption Chronic malnutrition Chronic liver disease Rheumatoid arthritis Hyperthyroidism Type I Diabetes End stage renal diseas

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 Exceptions Non-

Denominator Exceptions Non

Supplemental Data For every patient evaluated by this measure also identify payer, race, ethnicity and sex Elements

Table of Contents

Numerator Exclusions

- Population Criteria
- Definitions Functions
- <u>Functions</u>
 Terminology
- <u>Data Criteria (QDM Data Elements)</u>
- Supplemental Data Elements
- Risk Adjustment Variables

Population Criteria

▲ Initial Population

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

▲ Denominator

"Initial Population"

▲ 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

▲ Denominator

"Initial Population"

▲ 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"
```

▲ 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" FirstBMI where FirstBMI.result <= 20 \text{ 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"]
) + 1
```

▲ Has 90 or More Active Glucocorticoid Medication Days

"Glucocorticoid Active Medication Days" >= 90

▲ Has Double or Bilateral Oophorectomy

▲ 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 Liver Disease"] union ["Diagnosis": "Chronic Liver Disease"] union ["Diagnosis": "Rheumatoid Arthritis"] union ["Diagnosis": "Rheumatoid Arthritis"] union ["Diagnosis": "Type 1 Diabetes"] union ["Diagnosis": "Ankylosing Spondylitis"] union ["Diagnosis": "Ankylosing Spondylitis"] union ["Diagnosis": "Psoriatic Arthritis"] union ["Diagnosis": "Ehlers Danlos Syndrome"] union ["Diagnosis": "Cushings Syndrome"] union ["Diagnosis": "Marfan's Syndrome"] union ["Diagnosis": "Marfan's Syndrome"] union ["Diagnosis": "Lupus"] union ["Diagnosis": "Lupus"] union ["Diagnosis": "Premature Menopause"] union ["Diagnosis": "Premature Menopause"] union ["Diagnosis": "Eating Disorders"] union ["Diagnosis": "Eating Disorders"]
            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"
where Global. "NormalizeInterval" ( AromataseInhibitorActive.relevantDatetime, AromataseInhibitorActive.relevantPeriod ) starts before start of "Measurement Period"
   union ( ["Medication, Order": "Aromatase Inhibitors"] AromataseInhibitorOrder
      where AromataseInhibitorOrder.authorDatetime 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
 where start of Global. "NormalizeInterval" ( RiskAssessment.relevantDatetime, RiskAssessment.relevantPeriod ) before First("DXA Scan Order During Measurement
Period").authorDatetime
```

▲ Parent History of Hip Fracture Assessment

["Assessment, Performed": "History of hip fracture in parent"] ParentFractureHistory where start of Global."NormalizeInterval" (ParentFractureHistory.relevantDatetime, ParentFractureHistory.relevantPeriod) before start of "Measurement Period"

▲ 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 Community (Proc.relevantDatetime, Proc.relevantPeriod) ends on or before day of end of "Measurement Period"

<u>Terminology</u>

```
code "Alcoholic drinks per drinking day - Reported" ("LOINC Code (1287-0)")
code "Body mass index (BMI) (Ratio)" ("LOINC Code (39156-5)")
code "Remale" ("AministrativeGender Code (F)")
code "Left (qualifier value)" ("SNOMEDCT Code (7771000")
code "Major osteoporotic fracture 10-year probability (Likelihood) Fracture Risk Assessment" ("LOINC Code (90265-0)")
code "Osteoporosis Index of Risk panel" ("LOINC Code (98133-2")
code "Osteoporosis Risk Assessment Instrument" ("LOINC Code (98133-9"))
code "Osteoporosis Sisk Assessment Instrument" ("LOINC Code (98146-4)")
code "Right (qualifier value)" ("SNOMEDCT Code (24028007"))
code "Osteoporosis Sisk Assessment Instrument" ("LOINC Code (98146-4)")
code "Right (qualifier value)" ("SNOMEDCT Code (24028007"))
code "Unlisted preventive medicine service" ("CPT Code (99429)")
valueset "Amenorhea" (2.16.840.1.113883.3.464.1003.1192.1)
valueset "Annexis and inhibitors" (2.16.840.1.113883.3.464.1003.1192.1)
valueset "Annexis Inhibitors" (2.16.840.1.113883.3.464.1003.1192.1205)
valueset "Biateral Oophorectomy" (2.16.840.1.113883.3.464.1003.1192.1035)
valueset "Chronic Liver Disease" (2.16.840.1.113883.3.464.1003.199.12.1035)
valueset "Chronic Liver Disease" (2.16.840.1.113883.3.464.1003.199.12.1035)
valueset "Chronic Malnutrition" (2.16.840.1.113883.3.464.1003.199.12.1036)
valueset "Entitle "Chronic Malnutrition" (2.16.840.1.113883.3.464.1003.117.12.1009)
valueset "Entitle "Chronic Malnutrition" (2.16.840.1.113883.3.464.1003.117.12.1009)
valueset "Entitle "Chronic Malnutrition" (2.16.840.1.113883.3.464.1003.117.12.1009)
valueset "Entitle "Chronic Malnutrition" (2.16.840.1.113883.3.464.1003.119.12.1050)
valueset "Entitle "Chronic Malnutrition" (2.16
```

valueset "Rheumatoid Arthritis" (2.16.840.1.113883.3.464.1003.113.12.1005)

- valueset "Telephone Visits" (2.16.840.1.113883.3.464.1003.101.12.1080) valueset "Type 1 Diabetes" (2.16.840.1.113883.3.464.1003.103.12.1020) valueset "Unilateral Oophorectomy Left" (2.16.840.1.113883.3.464.1003.1028) valueset "Unilateral Oophorectomy Right" (2.16.840.1.113883.3.464.1003.1032)
- valueset "Unilateral Oophorectomy, Unspecified Laterality" (2.16.840.1.113883.3.464.1003.1035)

Data Criteria (QDM Data Elements)

- "Assessment, Performed: Alcoholic drinks per drinking day Reported" using "Alcoholic drinks per drinking day Reported (LOINC Code 11287-
- Assessment, Performed: History of hip fracture in parent" using "History of hip fracture in parent (2.16.840.1.113883.3.464.1003.113.12.1040)"
- "Assessment, Performed: History of hip fracture in parent" using "History of hip fracture in parent (2.16.840.1.113883.3.464.1003.113.12.1040" Assessment, Performed: Major osteoporotic fracture 10-year probability [Likelihood] Fracture Risk Assessment using "Major osteoporotic fracture 10-year probability [Likelihood] Fracture Risk Assessment (LOINC Code 90265-0)"
 "Assessment, Performed: Osteoporosis Index of Risk panel" using "Osteoporosis Index of Risk panel (LOINC Code 98133-2)"
 "Assessment, Performed: Osteoporosis Risk Assessment Instrument" using "Osteoporosis Risk Assessment Instrument (LOINC Code 98139-9)"
 "Assessment, Performed: Osteoporosis Self-Assessment Tool" using "Osteoporosis Self-Assessment Tool (LOINC Code 98146-4)"
 "Diagnosis: Amenorrhea" using "Amenorrhea (2.16.840.1.113883.3.464.1003.1022)"
 "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 (2.16.840.1.113883.3.464.1003.199.12.1036)"
 "Diagnosis: Cushings Syndrome" using "Cushings Syndrome (2.16.840.1.113883.3.464.1003.199.12.1009)"
 "Diagnosis: Eating Disorders" using "Eating Disorders" (2.16.840.1.113883.3.464.1003)"
 "Diagnosis: Eating Disorders" using "Eating Disorders" (2.16.840.1.113883.3.464.1003)"

- "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 (2.16.840.1.113883.3.464.1003.117.12.1016)"
 "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 (2.16.840.1.113883.3.464.1003.113.12.1048)"
 "Diagnosis: Matirphe Myeloma" using "Marfan's Syndrome (2.16.840.1.113883.3.464.1003.113.12.1048)"
 "Diagnosis: Osteopenia" using "Osteopenia (2.16.840.1.113883.3.464.1003.119)"
 "Diagnosis: Osteopenia" using "Osteopenia (2.16.840.1.113883.3.464.1003.113.12.1049)"
 "Diagnosis: Osteoporotis" using "Osteopenia (2.16.840.1.113883.3.464.1003.113.12.1049)"
 "Diagnosis: Osteoporotis "ractures" using "Osteoporotic Fractures (2.16.840.1.113883.3.464.1003.113.12.1038)"
 "Diagnosis: Porriatic Arthritis" using "Premature Menopause (2.16.840.1.113883.3.464.1003.113.12.1006)"
 "Diagnosis: Premature Menopause" using "Premature Menopause (2.16.840.1.113883.3.464.1003.113.12.1006)"
 "Diagnosis: Rheumatoid Arthritis" using "Rheumatoid Arthritis (2.16.840.1.113883.3.464.1003.113.12.1006)"

- "Diagnosis: Rheumatoid Arthritis" using "Rheumatoid Arthritis (2.16.840.1.113883.3.464.1003.113.12.1005)" "Diagnosis: Type 1 Diabetes" using "Type 1 Diabetes (2.16.840.1.113883.3.464.1003.103.12.1020)"
- Diagnostic Study, Order: DXA (Dual energy Xray Absorptiometry) Scan" using "DXA (Dual energy Xray Absorptiometry) Scan (2.16.840.1.113883.3.464.1003.113.12.1051)"

- (2.16.840.1.113883.3.464.1003.113.12.1031)"
 "Encounter, Performed: Office Visit" using "Office Visit (2.16.840.1.113883.3.464.1003.101.12.1001)"
 "Encounter, Performed: Online Assessments" using "Online Assessments (2.16.840.1.113883.3.464.1003.101.12.1089)"
 "Encounter, Performed: Outpatient Consultation" using "Outpatient Consultation (2.16.840.1.113883.3.464.1003.101.12.1008)"
 "Encounter, Performed: Preventive Care Services Established Office Visit, 18 and Up" using "Preventive Care Services Established Office Visit, 18 and Up (2.16.840.1.113883.3.464.1003.101.12.1025)"
 "Encounter, Performed: Preventive Care Services Initial Office Visit, 18 and Up" using "Preventive Care Services Initial Office Visit, 18 and Up
- and Up (2.16.840.1.113883.3.464.1003.101.12.1025)"
 "Encounter, Performed: Preventive Care Services Initial Office Visit, 18 and Up (2.16.840.1.113883.3.464.1003.101.12.1023)"
 "Encounter, Performed: Telephone Visits" using "Telephone Visits (2.16.840.1.113883.3.464.1003.101.12.1080)"
 "Encounter, Performed: Unlisted preventive medicine service" using "Unlisted preventive medicine service (CPT Code 99429)"
 "Medication, Active: Aromatase Inhibitors" using "Aromatase Inhibitors (2.16.840.1.113883.3.464.1003.196.12.1265)"
 "Medication, Active: Glucocorticoids (oral only) "using "Glucocorticoids (oral only) (2.16.840.1.113883.3.464.1003.196.12.1265)"
 "Medication, Order: Aromatase Inhibitors" using "Aromatase Inhibitors (2.16.840.1.113883.3.464.1003.196.12.1265)"
 "Patient Characteristic Ethicity: Ethnicity" using "Ethnicity (2.16.840.1.114222.4.11.837)"
 "Patient Characteristic Race: Race" using "Female (AdministrativeGender Code F)"
 "Patient Characteristic Sex: ONC Administrative Sex" using "ONC Administrative Sex (2.16.840.1.113762.1.4.1)"
 "Physical Exam, Performed: Body mass index (BMI) [Ratio]" using "Body mass index (BMI) [Ratio] (LOINC Code 39156-5)"
 "Procedure, Performed: Biateral Oophorectomy" using "Body mass index (BMI) [Ratio] (LOINC Code 39156-5)"
 "Procedure, Performed: Chemotherapy" using "Chemotherapy (2.16.840.1.113883.3.526.3.471)"
 "Procedure, Performed: Body mary manufalm using "Bone Marrow Transplant" (2.16.840.1.113883.3.566.5.336)"
 "Procedure, Performed: Chemotherapy" using "Chemotherapy (2.16.840.1.113883.3.464.1003.198.12.1050)"
 "Procedure, Performed: Kidney Transplant" using "Gastric Rypass Surgery (2.16.840.1.113883.3.464.1003.198.12.1050)"
 "Procedure, Performed: Major Transplant" using "Kidney Transplant (2.16.840.1.113883.3.464.1003.199.12.1012)"
 "Procedure, Performed: Major Transplant" using "Kidney Transplant (2.16.840.1.113883.3.464.1003.199.12.1012)"
 "Procedure, Performed: Unilateral Oophorectomy Right (2.16.840.1.113883.3.464.1003.1028)"
 "Procedure, Performed: Unilateral Oophorectomy, Unspe

Supplemental Data Elements

▲ SDE Ethnicity

["Patient Characteristic Ethnicity": "Ethnicity"]

▲ SDE Paver

["Patient Characteristic Payer": "Payer"]

▲ SDE Race

["Patient Characteristic Race": "Race"]

4 SDE Sex

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

Risk Adjustment Variables

Measure Set None