

CMS951V1

MP 2012

MEASURE DETAILS



KIDNEY HEALTH EVALUATION

Percentage of patients aged 18-75 years with a diagnosis of diabetes who received a kidney health evaluation defined by an Estimated Glomerular Filtration Rate (eGFR) AND Urine Albumin-Creatinine Ratio (uACR) within the 12-month measurement period

SHOW ALL RESULTS

Initial Population:

```
define "Initial Population":
  exists ( ["Patient Characteristic Birthdate": "Birth date"] BirthDate
    where Global."CalendarAgeInYearsAt" ( BirthDate.birthDatetime, start of
      "Measurement Period" ) >= 18
      and Global."CalendarAgeInYearsAt" ( BirthDate.birthDatetime, start of
      "Measurement Period" ) <= 75
    )
  and "Patient Has Active Diabetes During Measurement Period"
  and "Patient Has Outpatient Visit During Measurement Period"
```

SHOW RESULT

Denominator:

```
define "Denominator":
  "Initial Population"
```

SHOW RESULT

Denominator Exclusion:

```
define "Denominator Exclusions":
  exists "Patient Has CKD Stage 5 or ESRD Diagnosis During Measurement Period"
  or "Patient Has Order for or Receiving Hospice Care or Palliative Care"
```

SHOW RESULT

Numerator:

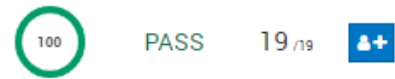
```
define "Numerator":
  "Patient Has Kidney Panel Performed During Measurement Period"
```

SHOW RESULT

Definitions:

```
define "Patient Has Active Diabetes During Measurement Period":
  exists ( ["Diagnosis": "Diabetes"] Diabetes
    where Diabetes.prevalencePeriod overlaps "Measurement Period"
  )
```

TEST PATIENTS



DenExPass CKDStage5 PASS

DenExPass DischargeFacilityHosp PASS

DenExPass DischargeHomeHosp PASS

DenExPass EndStageRenal PASS

DenExPass OrderHospCareAmb PASS

DenExPass OrderPalliativeHospCare PASS

DenExPass PerformHospAmb PASS

DenExPass PerformPalliativeHospCare PASS

DenPass Age>18EncoDiabetes PASS

IPPFail Age<18years PASS

IPPFail EdgeAge<18 PASS

IPPFail EdgeAge>75 PASS

IPPFail NoDiabetes PASS

NumFail SingleUACRLab PASS

NumPass EdgeAge18Jan1 PASS

NumPass EdgeAge75Jan1 PASS

NumPass HomeService&Labs PASS

NumPass OfficeVisit&Labs PASS

NumPass Outpatient&Labs PASS

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SHOW RESULT

```
define "Patient Has Outpatient Visit During Measurement Period":
  exists ( ( ["Encounter, Performed": "Annual Wellness Visit"]
    union ["Encounter, Performed": "Home Healthcare Services"]
    union ["Encounter, Performed": "Office Visit"]
    union ["Encounter, Performed": "Outpatient Consultation"]
    union ["Encounter, Performed": "Preventive Care Services - Established Office
Visit, 18 and Up"]
    union ["Encounter, Performed": "Preventive Care Services-Initial Office Visit, 18
and Up"] ) ValidEncounter
  where ValidEncounter.relevantPeriod during "Measurement Period"
)
```

SHOW RESULT

```
define "Patient Has Kidney Panel Performed During Measurement Period":
  exists ( ["Laboratory Test, Performed": "Estimated Glomerular Filtration Rate"]
eGFRTest
  where eGFRTest.resultDatetime during "Measurement Period"
  and eGFRTest.result is not null
)
  and exists ( ["Laboratory Test, Performed": "Urine Albumin Creatinine Ratio"]
uACRTTest
  where uACRTTest.resultDatetime during "Measurement Period"
  and uACRTTest.result is not null
)
```

SHOW RESULT

```
define "Patient Has CKD Stage 5 or ESRD Diagnosis During Measurement Period":
  ( ["Diagnosis": "Chronic Kidney Disease, Stage 5"]
  union ["Diagnosis": "End Stage Renal Disease"] ) CKDOrESRD
  where CKDOrESRD.prevalencePeriod overlaps "Measurement Period"
```

SHOW RESULT

```
define "Patient Has Order for or Receiving Hospice Care or Palliative Care":
  exists ( ["Encounter, Performed": "Encounter Inpatient"] DischargeHospice
  where ( DischargeHospice.dischargeDisposition as Code ~ "Discharge to home for
hospice care (procedure)"
  or DischargeHospice.dischargeDisposition as Code ~ "Discharge to healthcare
facility for hospice care (procedure)"
)
  and DischargeHospice.relevantPeriod ends during "Measurement Period"
)
  or exists ( ( ["Intervention, Order": "Hospice Care Ambulatory"]
  union ["Intervention, Order": "Palliative or Hospice Care"] )
PalliativeOrHospiceCareOrder
  where PalliativeOrHospiceCareOrder.authorDatetime during "Measurement Period"
)
  or exists ( ( ["Intervention, Performed": "Hospice Care Ambulatory"]
  union ["Intervention, Performed": "Palliative or Hospice Care"] )
PalliativeOrHospiceCarePerformed
  where PalliativeOrHospiceCarePerformed.relevantPeriod overlaps "Measurement
Period"
)
```

SHOW RESULT

