

## HDC 2.3 Release Notes

These release notes contain supplemental information about the HDC web application, Version 2.3.

Please don't hesitate to contact our support line [support@hdcbc.ca](mailto:support@hdcbc.ca) should you have any questions or comments about any of these changes.

### What's new?

Version 2.3 of the HDC platform is now live. We are excited to share that this release introduces thirty-seven (37) new measures for the OSCAR community. As it brings the number of OSCAR measures more closely on par with those available to MOIS users, the release will further support data sharing between OSCAR and MOIS users.

These new measures were developed by your physician colleagues in the HDC Clinical Data Stewardship Committee to support priorities in many physicians' practices across BC.

The release also established measures that will support your participation in an upcoming learning module in development by the Practice Support Program (PSP) and UBC Continuing Practice Development (CPD). These measures span a wide variety of clinical domains (for a full list of measures, see the table below).

### Changes for all users

The Color scheme used in Line Charts has been improved for readability when printed.

The "Anxiety and Mild Depression Prevalence" measure was replaced with a new measure called "Anxiety and Phobias Prevalence."

The method in which we identify Benzodiazepines was corrected to fix an issue which affected indicator data for the combined benzodiazepine/opiate measure.

The definitions for "Encounters" was refined to improve accuracy. After the next data update, there may be an increase in historical encounter counts.

## For OSCAR users

Thirty-seven (37) new measures have been introduced, bringing the total up to 122.

- 1) Disease Management domain has nineteen (19) new measures:
  - a) **COPD:** These new measures can be used in the Practice Support Programs learning module on COPD to be introduced later in 2019.
    - i) COPD and post bronchodilator spirometry at anytime
    - ii) COPD and Pneumococcal Vaccine
    - iii) COPD and Activity Assessment in last year
  - b) **Diabetes:** three (3) new measures have been added, for a total of ten (10).
    - i) Diabetes and LDL in Past 5 Years
    - ii) Diabetes and BP Within 140/90 in Past Year
    - iii) Diabetes and HbA1c in Past 6 Months
  - c) **Heart Failure:**
    - i) HF and Two Weight Measurements in Past 6 Months
    - ii) HF and Use of Beta Blocker Medication
    - iii) HF and Weight Measured in Past Year
    - iv) HF and at Least 1 Active ACE Inhibitor or ARB L
  - d) **Asthma**
    - i) Asthma & FEV1
  - e) **Blood-Born**
    - i) HEP C and RNA PCR measured in last 2 years
  - f) **Chronic Kidney Disease**
    - i) CKD and BP in Past Year
    - ii) CKD and LAST BP within 140/90 in Past Year
    - iii) Impaired Renal Function and BP Measurement within 6 Months
  - g) **Hypertension**
    - i) Hypertension and Last Blood Pressure Less than 140/90 in Past Year
  - h) **Mental Health**
    - i) Major Depression and Visit in Last Year
    - ii) Schizophrenia or Bipolar and Visit in Last Year
    - iii) Anxiety and Phobia Prevalence (Updated Measure)
  - i) **Musculoskeletal**
    - i) RA and at Least 1 RA Clinical Assessment in the Last 12 Months

- 2) **Disease Prevalence:** A total of ten (10) new measures. The measures, “Mood Disorders Prevalence,” “Primarily psychotic disorders prevalence,” and “Anxiety and Phobias Prevalence,” give a complete set of measures for mental health prevalence.
  - i) Parkinson's Prevalence
  - ii) Rheumatoid Arthritis Prevalence
  - iii) Chlamydia STD Prevalence (F 15-24)
  - iv) Frailty Prevalence
  - v) Impaired Renal Function Prevalence
  - vi) Hepatitis C Prevalence
  - vii) Asthma Prevalence
  - viii) Mood Disorders Prevalence
  - ix) Primarily psychotic disorders prevalence
  - x) Anxiety and Phobias Prevalence
- 3) **Documentation Management:**
  - i) Ratio of Current Long-Term Medications that are Coded for Active Patients
  - ii) Ratio of Coded Prescriptions Issued to Active Patients in the Last 3 Years
  - iii) Patients with Coded Health Conditions - Seen in Last 3 Years & Active
  - iv) Proportion of All Active Patients Who Have Been Seen in Last 3 Years
- 4) **Prevention:**
  - i) Obesity in Adults by Health Concern
  - ii) Current Tobacco use age >19
- 5) **Screening:**
  - i) Cervical Cancer Screening, Females Ages 25 to 69
  - ii) Fasting blood sugar in last 3 yrs age > 40

Additionally, measures that included data on diseases have been updated so that Disease that are marked as “resolved” or “deleted” within Oscar will be excluded in results after the date that the status was changed.

### Complete HDC Measures List for MOIS and OSCAR

Domain	Measure Name	Numerator	Denominator	MOIS	OSCAR	Changes in 2.3
Demographics	Average Contact Counts	NA	NA	Yes	Yes	
Demographics	Contact Counts	NA	NA	Yes	Yes	
Demographics	Patient Counts	NA	NA	Yes	Yes	

Domain	Measure Name	Numerator	Denominator	MOIS	OSCAR	Changes in 2.3
Disease Management -> Asthma	Asthma & FEV1	Number of active patients with Asthma (based on problem list) who have an FEV1 measurement (or spirometry) recorded in the EMR.	Number of active patients with Asthma (based on problem list), recorded in the EMR.	Yes	Yes	New for Oscar
Disease Management -> Asthma	Asthma and Non-smokers	Number of active patients with Asthma (based on the problem list) who are non-smokers as recorded in the EMR.	Number of active patients with Asthma (based on the problem list) recorded in the EMR	Yes	No	
Disease Management -> Blood-borne Pathogen	HEP C and RNA PCR measured in last 2 yrs	Number of active patients with HEP C (based on problem list) who have an RNA PCR lab result recorded in the EMR within the past 2 years.	Number of active patients with HEP C (based on problem list) recorded in the EMR.	Yes	Yes	New for Oscar
Disease Management -> Chronic Kidney	CKD and BP in Past Year.	Number of active patients with CKD (based on the problem list) with a blood pressure measurement in the past 12 months recorded in the EMR.	Number of active patients with CKD (based on the problem list) recorded in the EMR.	Yes	Yes	New for Oscar
Disease Management -> Chronic Kidney	CKD and LAST BP within 140/90 in Past Year.	Number of active patients with CKD (based on the problem list) where the last blood pressure measurement recorded in the EMR in the past 12 months was less than or equal to 140/90.	Number of active patients with CKD (based on the problem list) recorded in the EMR.	Yes	Yes	New for Oscar
Disease Management -> Chronic Pain	Chronic Pain and at Least 1 Opioid Long Term Medication	Number of active patients with an active opioid medication in the long term medication list, and Chronic Pain in the problem list recorded in the EMR.	Number of active patients with Chronic Pain (based on the problem list) recorded in the EMR.	Yes	No	
Disease Management -> COPD	COPD and Activity Assessment in last year	Number of active patients with COPD (based on problem list) who have an activity assessment recorded in the EMR within the last 12 months.	Number of active patients with COPD (based on problem list) recorded in the EMR.	Yes	Yes	New for Oscar
Disease Management -> COPD	COPD and Non-smokers	Number of active patients with COPD (based on the problem list) who are non-smokers as recorded in the EMR.	Number of active patients with COPD (based on the problem list) recorded in the EMR.	Yes	No	

Domain	Measure Name	Numerator	Denominator	MOIS	OSCAR	Changes in 2.3
Disease Management -> COPD	COPD and Pneumococcal Vaccine	Number of active patients with COPD in the problem list who either have at least one pneumococcal vaccination recorded in the EMR (this can be the primary vaccination or a booster), have declined the vaccination or have an indication on their record that pneumococcal vaccination is not clinically appropriate for them.	Number of active patients with COPD (based on the problem list) recorded in the EMR.	Yes	Yes	New for Oscar
Disease Management -> COPD	COPD and post bronchodilator spirometry at anytime	Number of active patients with COPD (based on problem list) who have a FEV1 measurement (or spirometry) recorded in the EMR.	Number of active patients with COPD (based on problem list) recorded in the EMR.	Yes	Yes	New for Oscar
Disease Management -> Diabetes	Diabetes and BP Within 140/90 in Past Year	Number of active patients with Diabetes (based on the problem list and excluding patients with gestational diabetes) that have a blood pressure measurement of less than or equal to 140/90 in the past 12 months recorded in the EMR.	Number of active patients with Diabetes (based on the problem list and excluding patients with gestational diabetes) recorded in the EMR.	Yes	Yes	New for Oscar
Disease Management -> Diabetes	Diabetes and HbA1c in Past Six Months	Number of active patients with Diabetes (based on the problem list) with a record of an HbA1c test result in the EMR in the past six months.	Number of active patients with Diabetes (based on the problem list) recorded in the EMR.	Yes	Yes	New for Oscar
Disease Management -> Diabetes	Diabetes and LDL in Past 5 Years	Number of active patients with Diabetes (based on the problem list) who have an LDL result recorded in the EMR, in the past 5 years.	Number of active patients with Diabetes (based on the problem list) recorded in the EMR.	Yes	Yes	New for Oscar
Disease Management -> Diabetes	Diabetics with Last HbA1c < 7.1%	Number of active patients with Diabetes (based on the problem list) whose last HbA1c measurement is within the last year and the result is less than 7.1% as recorded in the EMR.	Number of active patients with Diabetes (based on the problem list) as recorded in the EMR.	Yes	Yes	

Domain	Measure Name	Numerator	Denominator	MOIS	OSCAR	Changes in 2.3
Disease Management -> Diabetes	Diabetics with Last HbA1c > 9.0%	Number of active patients with Diabetes (based on the problem list) whose last HbA1c measurement is within the last year and the result is greater than 9.0% as recorded in the EMR.	Count of number of active patients with Diabetes (based on the problem list) as recorded in the EMR.	Yes	Yes	
Disease Management -> Diabetes	Diabetics with Last HbA1c 7.1-8.0%	Number of active patients with Diabetes (based on the problem list) whose last HbA1c measurement is within the last year and the result is between 7.1 - 8.0% as recorded in the EMR.	Count of number of active patients with Diabetes (based on the problem list) as recorded in the EMR.	Yes	Yes	
Disease Management -> Diabetes	Diabetics with Last HbA1c 8.1-9.0%	Number of active patients with Diabetes (based on the problem list) whose last HbA1c measurement is within the last year and the result is between 8.1 - 9.0% as recorded in the EMR.	Number of active patients with Diabetes (based on the problem list) as recorded in the EMR.	Yes	Yes	
Disease Management -> Frailty	Frailty and falls assessment in last year	Number of active patients who have frailty (based on problem list) and have a falls assessment, such as TUG or DW6min (distance walked in six minutes), SCOTT Falls Assessment or others, recorded in the EMR in the last year.	Number of active patients with Frailty (based on problem list) recorded in the EMR.	Yes	No	
Disease Management -> Frailty	Frailty and LOI Assessment in Last Year	Number of active patients who have Frailty (based on problem list) and have a Level of Intervention (LOI), such as MOST or advance directive (e.g. no CPR or DNR) recorded in the EMR in the last year.	Number of active patients with Frailty (based on problem list) recorded in the EMR.	Yes	No	
Disease Management -> Heart Failure	HF and at Least 1 Active ACE Inhibitor or ARB Long Term Medication	Number of active patients with HF (based on the problem list) with at least one ACEI or ARB active medication recorded in the EMR.	Number of active patients with HF (based on the problem list) recorded in the EMR.	Yes	Yes	New for Oscar
Disease Management -> Heart Failure	HF and Two Weight Measurements in Past 6 Months	Number of active patients with HF (based on the problem list) with weight measured at least two times in the last six months, recorded in the EMR.	Number of active patients with HF (based on the problem list) recorded in the EMR.	Yes	Yes	New for Oscar

Domain	Measure Name	Numerator	Denominator	MOIS	OSCAR	Changes in 2.3
Disease Management -> Heart Failure	HF and Use of Beta Blocker Medication	Number of active patients with HF (based on the problem list) with at least one active medication for a beta blocker recorded in the EMR.	Number of active patients with HF (based on a the problem list) recorded in the EMR.	Yes	Yes	New for Oscar
Disease Management -> Heart Failure	HF and Weight Measured in Past Year	Number of active patients with HF (based on the problem list) who have their weight recorded in the EMR in the past 12 months.	Number of active patients with HF (based on the problem list) recorded in the EMR.	Yes	Yes	New for Oscar
Disease Management -> Heart Failure	HF With Ejection Fraction Recorded	Number of active patients with HF (based on the problem list) with an ejection fraction completed and recorded in the EMR in the past three years.	Number of active patients with HF (based on the problem list) recorded in the EMR.	Yes	No	
Disease Management -> Hypertension	Hypertension and Blood Pressure Documented	Number of active patients with Hypertension (based on the problem list) who have a blood pressure measurement recorded in the EMR within the past 12 months.	Number of active patients with Hypertension (based on the problem list) recorded in the EMR.	Yes	Yes	
Disease Management -> Hypertension	Hypertension and Last Blood Pressure Less than 140/90 in Past Year.	Number of active patients with Hypertension (based on the problem list) where the last blood pressure measurement recorded in the EMR within the last 12 months, is less than or equal to 140/90.	Number of active patients with Hypertension (based on the problem list) recorded in the EMR.	Yes	Yes	New for Oscar
Disease Management -> Impaired Renal	Impaired Renal Function and BP Measurement within 6 Months	Number of active patients with the last calGFR recorded in the past 12 months, that is less than 60 and a blood pressure measurement recorded in the six months before or after this calGFR result.	Number of active patients with calGFR less than 60 recorded in the EMR in the past 12 months.	Yes	Yes	New for Oscar
Disease Management -> INR Monitoring	INR Monitoring	Number of active patients with an active Vitamin K Antagonist medication, such as warfarin and no INR result in the last month recorded in the EMR.	Number of active patients with an active Vitamin K Antagonist medication, such as warfarin recorded in the EMR.	Yes	Yes	

Domain	Measure Name	Numerator	Denominator	MOIS	OSCAR	Changes in 2.3
Disease Management -> Mental Health	Major Depression and Visit in Last Year	Number of active patients with Major Depression (based on the problem list) and have had at least one encounter recorded in the EMR in the past 12 months.	Number of active patients with Major Depression (based on the problem list) recorded in the EMR.	Yes	Yes	New for Oscar
Disease Management -> Mental Health	Schizophrenia or Bipolar and Visit in Last Year	Number of active patients with Schizophrenia or Bipolar Disorder (based on the problem list) and have had at least one encounter recorded in the EMR in the past 12 months.	Number of active patients with Schizophrenia or Bipolar Disorder (based on the problem list) recorded in the EMR.	Yes	Yes	New for Oscar
Disease Management -> Musculoskeletal	RA and at Least 1 RA Clinical Assessment in the Last 12 Months	Number of active patients with RA (based on the problem list) and at least 1 RA clinical assessment recorded in the EMR in the past 12 months.	Number of active patients with Rheumatoid Arthritis (based on the problem list) recorded in the EMR.	Yes	Yes	New for Oscar
Disease Management -> Substance Use	Unsafe alcohol use-visit in last yr age >19	Number of active patients, age over 19 (age >19), who have unsafe alcohol use problem (based on problem list) and have had at least one visit recorded in the EMR within the past year.	Number of active patients, age over 19 (age > 19), who have unsafe alcohol use problem (based on problem list) as recorded in the EMR.	Yes	No	
Disease Management -> Substance Use	Unsafe alcohol use-visit in last yr age 12-19	Number of active patients, age 12 to 19 (12 <= age <=19), who have unsafe alcohol use (based on problem list) and have had at least one visit recorded in the EMR within the past year.	Number of active patients, age 12 to 19 (12 <= age <=19), who have unsafe alcohol (based on problem list) recorded in the EMR.	Yes	No	
Disease Management -> Substance Use	Unsafe drug use and visit in last yr age >19	Number of active patients, age over 19 (age >19), who have drug/substance use disorder (based on problem list) and have had at least one visit recorded in the EMR within the past year.	Number of active patients, age over 19 (age >19), who have drug/substance use disorder (based on problem list) as recorded in the EMR.	Yes	No	



Domain	Measure Name	Numerator	Denominator	MOIS	OSCAR	Changes in 2.3
Disease Management -> Substance Use	Unsafe drug use and visit in last yr age 12-19	Number of active patients, age 12 to 19 (12 <= age <= 19), who have drug/substance use disorder (based on problem list) and have had at least one visit recorded in the EMR within the past year.	Number of active patients, age 12 to 19 (12 <= age <= 19), who have drug/substance use (based on problem list) as recorded in the EMR.	Yes	No	
Disease Prevalence	Alcohol Dependence Syndrome Prevalence	Number of active patients with Alcohol Dependence Syndrome (based on the problem list) recorded in the EMR.	Number of active patients recorded in the EMR.	Yes	Yes	
Disease Prevalence	Anxiety and Phobias prevalence	Number of active patients with Anxiety and Fear Related Disorders (including Phobias) based on the problem list as recorded in the EMR	Number of active patients recorded in the EMR.	Yes	Yes	New for Oscar - Updated for MOIS. Replaces "Anxiety and mild depression"
Disease Prevalence	Asthma Prevalence	Number of active patients with Asthma (based on the problem list) recorded in the EMR.	Number of active patients recorded in the EMR.	Yes	Yes	New for Oscar
Disease Prevalence	Chlamydia STD Prevalence (F 15-24)	Number of active female patients, age 15 to 24 (15 <= age <=24), who have had a positive chlamydia lab result recorded in the EMR, within the last 12 months.	Number of active female patients, age 15 to 24 (15 <= age <=24) recorded in the EMR.	Yes	Yes	New for Oscar
Disease Prevalence	Chronic Kidney Disease Prevalence	Number of active patients with Chronic Kidney Disease (based on the problem list) recorded in the EMR.	Number of active patients recorded in the EMR.	Yes	Yes	
Disease Prevalence	Chronic Pain Prevalence	Number of active patients with Chronic Pain (based on the problem list) recorded in the EMR.	Number of active patients recorded in the EMR.	Yes	Yes	
Disease Prevalence	COPD Prevalence	Number of active patients with COPD (based on the problem list) recorded in the EMR.	Number of active patients recorded in the EMR.	Yes	Yes	
Disease Prevalence	Dementia - Cognitive Impairment Prevalence	Number of active patients with Dementia-Cognitive Impairment including Alzheimer's Disease (based on the problem list) as recorded in the EMR.	Number of active patients recorded in the EMR.	Yes	Yes	
Disease Prevalence	Diabetes Prevalence	Number of active patients with Diabetes (based on the problem list) recorded in the EMR.	Number of active patients recorded in the EMR.	Yes	Yes	

Domain	Measure Name	Numerator	Denominator	MOIS	OSCAR	Changes in 2.3
Disease Prevalence	Drug Dependence Syndrome Prevalence	Number of active patients with Drug Dependence Syndrome (based on the problem list) recorded in the EMR.	Number of active patients recorded in the EMR.	Yes	Yes	
Disease Prevalence	Frailty Prevalence	Number of active patients with Frailty (based on the problem list) recorded in the EMR.	Number of active patients recorded in the EMR.	Yes	Yes	New for Oscar
Disease Prevalence	Hepatitis C Prevalence	Number of active patients with Hepatitis C (based on the problem list) recorded in the EMR.	Number of active patients recorded in the EMR.	Yes	Yes	New for Oscar
Disease Prevalence	HF (Heart Failure) Prevalence	Number of active patients with Heart Failure (based on the problem list) recorded in the EMR.	Number of active patients recorded in the EMR.	Yes	Yes	
Disease Prevalence	Hypertension Prevalence	Number of active patients with Hypertension (based on the problem list) recorded in the EMR.	Number of active patients recorded in the EMR.	Yes	Yes	
Disease Prevalence	Impaired Renal Function Prevalence	Number of active patients with calGFR less than 60 recorded in the EMR.	Number of active patients recorded in the EMR.	Yes	Yes	New for Oscar
Disease Prevalence	Ischemic Cerebrovascular Disease Prevalence	Number of active patients with Ischemic Cerebrovascular Disease (based on the problem list) recorded in the EMR.	Number of active patients recorded in the EMR.	Yes	Yes	
Disease Prevalence	Mood Disorders Prevalence	Number of active patients with Mood Disorders including bipolar, primarily or exclusively depressed, mixed anxiety depression etc. (based on the problem list) as recorded in the EMR.	Number of active patients recorded in the EMR.	Yes	Yes	New for Oscar
Disease Prevalence	Osteoarthritis Prevalence	Number of active patients with Osteoarthritis (based on the problem list) recorded in the EMR.	Number of active patients recorded in the EMR.	Yes	Yes	
Disease Prevalence	Palliative/End of Life Prevalence	Number of active patients that are recorded as Palliative/End of Life (based on the problem list) in the EMR.	Number of active patients recorded in the EMR.	Yes	Yes	
Disease Prevalence	Parkinson's Prevalence	Number of active patients with Parkinson's (based on the problem list) recorded in the EMR.	Number of active patients recorded in the EMR.	Yes	Yes	New for Oscar

Domain	Measure Name	Numerator	Denominator	MOIS	OSCAR	Changes in 2.3
Disease Prevalence	Primarily psychotic disorders prevalence	Number of active patients with Schizophrenia (based on the problem list) recorded in the EMR.	Number of active patients recorded in the EMR.	Yes	Yes	New for Oscar
Disease Prevalence	Rheumatoid Arthritis Prevalence	Number of active patients with Rheumatoid Arthritis (RA) (based on the problem list) recorded in the EMR.	Total Count of Active Patients	Yes	Yes	New for Oscar
Documentation Management	Patients Missing Gender	Number of active patients with no gender recorded in the EMR.	Number of active patients recorded in the EMR.	Yes	Yes	
Documentation Management	Patients with Invalid Date of Birth	Number of active patients that have invalid date of birth recorded in the EMR.	Number of active patients recorded in the EMR.	Yes	Yes	
Documentation Management	Patients with No Current Medications	Number of active patients that have no current medication recorded in the EMR.	Number of active patients recorded in the EMR.	Yes	Yes	
Documentation Management	Patients with No Date of Birth	Number of active patients that have no date of birth recorded in the EMR.	Number of active patients recorded in the EMR.	Yes	Yes	
Documentation Management	Ratio of Current Long Term Medications that are Coded for Active Patients	Number of current long-term medications for active patients that are coded in the EMR.	Total number of current long-term medications for active patients.	Yes	Yes	New for Oscar
Documentation Management -> Coded Entry - 1 Year Look Back	Active Patients with at Least One Coded Long Term Meds - Seen in the Last Year	Number of active patients with at least one Coded Long Term Medication recorded in the EMR.	Number of active patients with an encounter in the last year recorded in the EMR.	Yes	No	
Documentation Management -> Coded Entry - 1 Year Look Back	Active Patients with at Least One Coded Prescription - Seen in the Last Year	Number of active patients with at least one Coded Prescription recorded in the EMR.	Number of active patients with an encounter in the last year recorded in the EMR.	Yes	No	
Documentation Management -> Coded Entry - 1 Year Look Back	Patients with Coded Adverse Reaction Risks - Seen in Last Year & Active	Number of active patients with at least one coded Adverse Reaction Risk recorded in the EMR.	Number of active patients with an encounter in the last year as recorded in the EMR.	Yes	No	

Domain	Measure Name	Numerator	Denominator	MOIS	OSCAR	Changes in 2.3
Documentation Management -> Coded Entry - 1 Year Look Back	Patients with Coded Health Conditions - Seen in Last Year & Active	Number of active patients with at least one coded Health Condition recorded in the EMR.	Number of active patients with an encounter in the last year recorded in the EMR.	Yes	No	
Documentation Management -> Coded Entry - 1 Year Look Back	Ratio of Coded Prescriptions Issued to Active Patients in the Last Year	Number of coded prescriptions for active patients issued in the last year.	Total number of prescriptions for active patients in the last year.	Yes	No	
Documentation Management -> Coded Entry - 3 Year Look Back	Active Patients with at Least One Coded Long Term Meds	Number of Patients with at Least One Documented Coded Long Term Medication	All Active Patients with an Encounter in the Last 3 Years	Yes	No	
Documentation Management -> Coded Entry - 3 Year Look Back	Active Patients with at Least One Coded Prescription	Number of active patients with at least one documented coded prescription	All active patients with an encounter in the last 3 years	Yes	No	
Documentation Management -> Coded Entry - 3 Year Look Back	Patients with Coded Adverse Reaction Risks - Seen in Last 3 Years & Active	Number of Patients with at Least One Coded Documented Adverse Reaction Risk	All Active Patients with an Encounter in the Last 3 Years	Yes	No	
Documentation Management -> Coded Entry - 3 Year Look Back	Patients with Coded Health Conditions - Seen in Last 3 Years & Active	Number of Patients with at Least One Coded Documented Health Condition	All Active Patients with an Encounter in the Last 3 Years	Yes	Yes	New for Oscar
Documentation Management -> Coded Entry - 3 Year Look Back	Patients with Coded Procedures - Seen in the Last 3 Years & Active	Number of Patients with at Least One Documented Coded Procedure	All Active Patients with an Encounter in the Last 3 Years	Yes	No	
Documentation Management -> Coded Entry - 3 Year Look Back	Ratio of All Long Term Meds that are Coded for Active Patients	Number of coded long term medications for active patients.	Number of long-term medications for active patients.	Yes	No	
Documentation Management -> Coded Entry - 3 Year Look Back	Ratio of Coded Prescriptions for Active Patients	Count of coded prescriptions, for active patients recorded in the EMR.	Total count of prescriptions for active patients.	Yes	No	
Documentation Management -> Coded Entry - 3 Year Look Back	Ratio of Coded Prescriptions Issued to Active Patients in the Last 3 Years	Number of coded prescriptions for active patients issued in the last three years	Total number of prescriptions for active patients in last three years	Yes	Yes	New for Oscar
Documentation Management -> Coded Entry - 3 Year Look Back	Ratio Total Adverse Reaction Risks Coded - Seen in the Last 3 Years & Active	Number of coded adverse reaction risks for patients seen in the last 3 years.	Number of adverse reaction risks for patients seen in the last 3 years.	Yes	No	
Documentation Management -> Coded Entry - 3 Year Look Back	Ratio Total Health Conditions Coded - Seen in the Last 3 Years & Active	Number of Coded Health Conditions for patients seen in the last 3 years.	Number of Health Conditions for patients seen in the last 3 years.	Yes	No	

Domain	Measure Name	Numerator	Denominator	MOIS	OSCAR	Changes in 2.3
Documentation Management -> Entry Totals - 1 Year Look Back	Active Patients with at Least One Long Term Medications - Seen in the Last Year	Number of active patients with at least one Long Term Medication recorded in the EMR.	Number of active patients with an encounter in the last year recorded in the EMR.	Yes	No	
Documentation Management -> Entry Totals - 1 Year Look Back	Active Patients with at Least One Prescriptions Issued in Last Year - Seen in Last Year	Number of active patients with an encounter in the last year and at least one Prescription issued in the last year recorded in the EMR.	Number of active patients with an encounter in the last year.	Yes	No	
Documentation Management -> Entry Totals - 1 Year Look Back	Patients with Adverse Reaction Risks - Seen in Last Year & Active	Number of active patients with at least one Adverse Reaction Risk recorded in the EMR.	Number of active Patients with an encounter in the last year recorded in the EMR.	Yes	No	
Documentation Management -> Entry Totals - 1 Year Look Back	Patients with Health Conditions - Seen in Last Year & Active	Number of active patients with at least one Health Condition recorded in the EMR.	Number of active patients with an encounter in the last year recorded in the EMR.	Yes	No	
Documentation Management -> Entry Totals - 1 Year Look Back	Patients with Vaccinations - Seen in the Last Year & Active	Number of active patients with at least one Vaccination recorded in the EMR.	Number of active patients with an Encounter in the last year recorded in the EMR.	Yes	No	
Documentation Management -> Entry Totals - 3 Year Look Back	Active Patients with at Least One Long Term Medications	Count of active patients with at least one recorded long term medication recorded in the EMR.	Count of active patients with an encounter in the last 3 years recorded in the EMR.	Yes	No	
Documentation Management -> Entry Totals - 3 Year Look Back	Active Patients with at Least One Prescription Issued in Last 3 Years	Count of active patients with at least one prescription issued in the last three years.	Count of active patients with an encounter in the last 3 years.	Yes	No	
Documentation Management -> Entry Totals - 3 Year Look Back	Patient Contact Information Present - Seen in the Last 3 Years & Active	Number of active patients with an encounter recorded in the EMR in the last 3 years with the following entries completed: Postal Code, Address Field 1, City, Province and at least one Phone Number	Number of active patients with an encounter in the last 3 years.	Yes	No	

Domain	Measure Name	Numerator	Denominator	MOIS	OSCAR	Changes in 2.3
Documentation Management -> Entry Totals - 3 Year Look Back	Patient Identifiers Complete - Seen in the Last 3 Years & Active	Number of active patients with an encounter recorded in the EMR in the last 3 years and the following field entries completed:  First Name  Last Name  Date of Birth  Gender	Number of active patients with an encounter in the last 3 years.	Yes	No	
Documentation Management -> Entry Totals - 3 Year Look Back	Patients over 21 Years Old with BP - Seen in the Last 3 Years and Active	Number of active patients, over 21 yrs old, with at least one blood pressure recorded in the EMR.	All Active Patients over 21 Years Old with at Least One Encounter in the Last 3 Years	Yes	No	
Documentation Management -> Entry Totals - 3 Year Look Back	Patients with Adverse Reaction Risks - Seen in Last 3 Years and Active	Number of Patients with at Least One Documented Adverse Reaction Risk	All Active Patients with an Encounter in the Last 3 Years	Yes	No	
Documentation Management -> Entry Totals - 3 Year Look Back	Patients with Health Conditions - Seen in Last 3 Years & Active	Count of active patients with at least one health condition (Problem list entry) recorded in the EMR.	Count of active patients with an encounter in the last 3 years recorded in the EMR.	Yes	No	
Documentation Management -> Entry Totals - 3 Year Look Back	Patients with Preference or Goal - Seen in the Last 3 Years and Active	Number of active patients with at least one preference or goal recorded in the EMR.	Number of active patients with an encounter in the last 3 years recorded in the EMR.	Yes	No	
Documentation Management -> Entry Totals - 3 Year Look Back	Patients with Procedures - Seen the Last 3 Years & Active	Count of active patients with at least one procedure recorded in the EMR.	Count of active patients with an encounter in the last 3 years recorded in the EMR.	Yes	No	
Documentation Management -> Entry Totals - 3 Year Look Back	Patients with Recalls or Reminders - Seen in the Last 3 Years & Active	Count of active patients with at least one recall or reminder recorded in the EMR.	Count of active patients.	Yes	No	
Documentation Management -> Entry Totals - 3 Year Look Back	Patients with Referrals - Seen in the Last 3 Years & Active	Number of active patients with at least one Referral recorded in the EMR.	Number of active patients with an encounter in the last 3 years.	Yes	No	

Domain	Measure Name	Numerator	Denominator	MOIS	OSCAR	Changes in 2.3
Documentation Management -> Entry Totals - 3 Year Look Back	Patients with Vaccinations during last three years	Count of active patients with at least one documented vaccination in the EMR during last three years.	Count of active patients with an encounter in the last 3 years recorded in the EMR.	Yes	No	
Documentation Management -> Entry Totals - 3 Year Look Back	Proportion of All Active Patients Who Have Been Seen in Last 3 Years	Number of active patients with an encounter in the last 3 years recorded in the EMR.	Number of patients with "Active" status in the EMR.	Yes	Yes	New for Oscar
Medication Prescribing -> Antibiotic Use	[1st Gen Cephalosporins] Cefalexin Use in Past Year - All Ages	Number of active patients who have had a prescription for Cefalexin in the last year as recorded in the EMR.	Number of active patients recorded in the EMR.	Yes	Yes	
Medication Prescribing -> Antibiotic Use	[2nd Gen Cephalosporins] Cefaclor Use in Past Year - All Ages	Number of active patients who have had a prescription for Cefaclor in the last year as recorded in the EMR.	Number of active patients recorded in the EMR.	Yes	Yes	
Medication Prescribing -> Antibiotic Use	[2nd Gen Cephalosporins] Cefuroxime Use in Past Year - All Ages	Number of active patients that have had a prescription for Cefuroxime in the last year as recorded in the EMR.	Number of active patients recorded in the EMR.	Yes	Yes	
Medication Prescribing -> Antibiotic Use	[3rd Gen Cephalosporins] Cefixime Use in Past Year - All Ages	Number of active patients who have had a prescription for Cefixime in the last year as recorded in the EMR.	Number of active patients recorded in the EMR.	Yes	Yes	
Medication Prescribing -> Antibiotic Use	[Lincosamides] Clindamycin Use in Past Year - All Ages	Number of active patients who have had a prescription for Clindamycin in the last year as recorded in the EMR.	Number of active patients recorded in the EMR.	Yes	Yes	
Medication Prescribing -> Antibiotic Use	[Macrolides] Azithromycin Use in Past Year - All Ages	Number of active patients who have had a prescription for Azithromycin in the last year as recorded in the EMR.	Number of active patients recorded in the EMR.	Yes	Yes	
Medication Prescribing -> Antibiotic Use	[Macrolides] Clarithromycin Use in Past Year - All Ages	Number of active patients who have been prescribed Clarithromycin in the last year, recorded in the EMR.	Number of active patients recorded in the EMR.	Yes	Yes	
Medication Prescribing -> Antibiotic Use	[Macrolides] Erythromycin Use in Past Year - All Ages	Number of active patients who have had a prescription for Erythromycin in the last year as recorded in the EMR.	Number of active patients recorded in the EMR.	Yes	Yes	
Medication Prescribing -> Antibiotic Use	[Nitrofurans] Nitrofurantoin Use in Past Year - All Ages	Number of active patients who have had a prescription for Nitrofurantoin in the last year as recorded in the EMR.	Number of active patients as recorded in the EMR.	Yes	Yes	
Medication Prescribing -> Antibiotic Use	[Penicillins] Amoxicillin Use in Past Year - All Ages	Number of active patients who have had a prescription for Amoxicillin in the last year as recorded in the EMR.	Number of active patients recorded in the EMR.	Yes	Yes	
Medication Prescribing -> Antibiotic Use	[Penicillins] Ampicillin Use in Past Year - All Ages	Number of active patients who have had a prescription for Ampicillin in the last year as recorded in the EMR.	Number of active patients recorded in the EMR.	Yes	Yes	

Domain	Measure Name	Numerator	Denominator	MOIS	OSCAR	Changes in 2.3
Medication Prescribing -> Antibiotic Use	[Penicillins] Cloxacillin Use in Past Year - All Ages	Number of active patients who have had a prescription for Cloxacillin in the last year as recorded in the EMR.	Number of active patients recorded in the EMR.	Yes	Yes	
Medication Prescribing -> Antibiotic Use	[Penicillins] Penicillin V Used in Past Year - All Ages	Number of active patients who have had a prescription for Penicillin V in the last year as recorded in the EMR.	Number of active patients recorded in the EMR.	Yes	Yes	
Medication Prescribing -> Antibiotic Use	[Quinolones] Ciprofloxacin Use in Past Year - All Ages	Number of active patients who have had a prescription for Ciprofloxacin in the last year as recorded in the EMR.	Number of active patients recorded in the EMR.	Yes	Yes	
Medication Prescribing -> Antibiotic Use	[Quinolones] Levofloxacin Use in Past Year - All Ages	Number of active patients that have had a prescription for Levofloxacin in the last year as recorded in the EMR.	Number of active patients recorded in the EMR.	Yes	Yes	
Medication Prescribing -> Antibiotic Use	[Quinolones] Moxifloxacin Use in Past Year - All Ages	Number of active patients who have had a prescription for Moxifloxacin in the last year as recorded in the EMR.	Number of active patients recorded in the EMR.	Yes	Yes	
Medication Prescribing -> Antibiotic Use	[Sulphonamides] Sulfamethoxazole and Trimethoprim Use in Past Year - All Ages	Number of active patients who have had a prescription for Sulfamethoxazole and Trimethoprim in the last year as recorded in the EMR.	Number of active patients as recorded in the EMR.	Yes	Yes	
Medication Prescribing -> Antibiotic Use	[Tetracyclines] Doxycycline Use in Past Year - All Ages	Number of active patients who have had a prescription for Doxycycline in the last year as recorded in the EMR.	Number of active patients recorded in the EMR.	Yes	Yes	
Medication Prescribing -> Antibiotic Use	[Tetracyclines] Minocycline Use in Past Year - All Ages	Number of active patients who have had a prescription for Minocycline in the last year as recorded in the EMR.	Number of active patients recorded in the EMR.	Yes	Yes	
Medication Prescribing -> Antibiotic Use	[Tetracyclines] Tetracycline Use in Past Year - All Ages	Number of active patients who have had a prescription for Tetracycline in the last year as recorded in the EMR.	Number of active patients recorded in the EMR.	Yes	Yes	
Medication Prescribing -> Antibiotic Use	Other Antibiotics Used in Past Year - All Ages	Number of active patients who have had a prescription for Other Antibiotics in the last year as recorded in the EMR.	Number of active patients recorded in the EMR.	Yes	Yes	
Medication Prescribing -> Medication Use	Antibiotics Use in Past Year-All Ages	Number of active patients who have been prescribed an antibiotic (commonly prescribed antibiotics) in the last year as recorded in the EMR.	Number of active patients recorded in the EMR.	Yes	Yes	
Medication Prescribing -> Medication Use	Antidepressant Use-All Ages	Number of active patients with an active medication for an antidepressant recorded in the EMR.	Number of active patients recorded in the EMR.	Yes	Yes	
Medication Prescribing -> Medication Use	Antipsychotic Use-All Ages	Number of active patients with an active medication for an antipsychotic recorded in the EMR.	Number of active patients recorded in the EMR.	Yes	Yes	



Domain	Measure Name	Numerator	Denominator	MOIS	OSCAR	Changes in 2.3
Medication Prescribing -> Medication Use	Benzodiazepine Medication Use-All Ages	Number of active patients with an active medication for a benzodiazepine recorded in the EMR.	Number of active patients recorded in the EMR.	Yes	Yes	
Medication Prescribing -> Medication Use	Digoxin Medication Use-All Ages	Number of active patients with an active medication for Digoxin recorded in the EMR.	Number of active patients recorded in the EMR.	Yes	Yes	
Medication Prescribing -> Medication Use	NSAID Medication Use-All Ages	Number of active patients with an active medication for an NSAID recorded in the EMR.	Number of active patients recorded in the EMR.	Yes	Yes	
Medication Prescribing -> Medication Use Amongst Seniors	Angiotensin 2 Antagonist Use-Age 65+	Number of active patients, age 65 and older, with an active medication for an angiotensin 2 antagonist, excluding combinations recorded in the EMR.	Number of active patients, age 65 and older, recorded in the EMR.	Yes	Yes	
Medication Prescribing -> Medication Use Amongst Seniors	Angiotensin Converting Enzyme (ACE) Inhibitor Use-Age 65+	Number of active patients age 65 and older, with an active medication for ACE inhibitor, excluding combinations recorded in the EMR.	Count of number of active patients, age 65 and older, recorded in the EMR.	Yes	Yes	
Medication Prescribing -> Medication Use Amongst Seniors	Antidepressant Use-Age 65+	Number of active patients, age 65 and older, with an active medication for an antidepressant recorded in the EMR.	Number of active patients, age 65 and older, recorded in the EMR.	Yes	Yes	
Medication Prescribing -> Medication Use Amongst Seniors	Antipsychotic Use-Age 65+	Number of active patients, age 65 and older, with an active medication for an antipsychotic recorded in the EMR.	Number of active patients, age 65 and older, recorded in the EMR.	Yes	Yes	
Medication Prescribing -> Medication Use Amongst Seniors	Benzodiazepine and Opioid Medication Use-Age 65+	Number of active patients, age 65 and older, with an active medication for a benzodiazepine and an opioid recorded in the EMR.	Number of active patients, age 65 and older, recorded in the EMR.	Yes	Yes	
Medication Prescribing -> Medication Use Amongst Seniors	Benzodiazepine Medication Use-Age 65+	Number of active patients, age 65 and older, with an active medication for a benzodiazepine recorded in the EMR.	Number of active patients, age 65 and older, recorded in the EMR.	Yes	Yes	
Medication Prescribing -> Medication Use Amongst Seniors	Beta-Blocker Use-Age 65+	Number of active patients, age 65 and older, with an active medication for a selective beta-blocking agent recorded in the EMR.	Count of number of active patients, age 65 and older, recorded in the EMR.	Yes	Yes	
Medication Prescribing -> Medication Use Amongst Seniors	Digoxin Medication (Assessing Safe Use)-Age 65+	Number of active patients, age 65 and older, with impaired renal function (based on calGFR<60) and an active medication for Digoxin recorded in the EMR.	Number of active patients, age 65 and older, with impaired renal function (based on calGFR<60) as recorded in the EMR.	Yes	Yes	

Domain	Measure Name	Numerator	Denominator	MOIS	OSCAR	Changes in 2.3
Medication Prescribing -> Medication Use Amongst Seniors	Dihydropyridine Calcium Channel Blocker Use-Age 65+	Number of active patients, age 65 and older, with an active medication for a calcium channel blocker recorded in the EMR.	Number of active patients, age 65 and older, recorded in the EMR.	Yes	Yes	
Medication Prescribing -> Medication Use Amongst Seniors	Metformin Use - Age 65+	Number of active patients, age 65 and older, with an active medication for metformin recorded in the EMR.	Number of active patients, age 65 and older, recorded in the EMR.	Yes	Yes	
Medication Prescribing -> Medication Use Amongst Seniors	NSAID Medication Use-Age 65+	Number of active patients, age 65 and older, with an active medication for an NSAID recorded in the EMR.	Number of active patients, age 65 and older, recorded in the EMR.	Yes	Yes	
Medication Prescribing -> Medication Use Amongst Seniors	Opioid Use-Age 65+	Number of active patients age 65 and older, with an active medication for a natural opium alkaloid recorded in the EMR.	Number of active patients, age 65 and older, recorded in the EMR.	Yes	Yes	
Medication Prescribing -> Medication Use Amongst Seniors	Proton Pump Inhibitor (PPI) Use-Age 65+	Number of active patients, age 65 and older, with an active medication for proton pump inhibitor recorded in the EMR.	Number of active patients, age 65 and older, recorded in the EMR.	Yes	Yes	
Medication Prescribing -> Medication Use Amongst Seniors	Thiazide Use-Age 65+	Number of active patients, age 65 and older, with an active medication for a thiazide, excluding combinations recorded in the EMR.	Number of active patients, age 65 and older, recorded in the EMR.	Yes	Yes	
Medication Prescribing -> Medication Use Amongst Seniors	Thyroid Hormone Use-Age 65+	Number of active patients, age 65 and older, with an active medication for a thyroid hormone recorded in the EMR.	Number of active patients, age 65 and older, recorded in the EMR.	Yes	Yes	
Medication Prescribing -> Opioid Use	Benzodiazepine and Opioid Medication Use-All Ages	Number of active patients with an active medication for a benzodiazepine and an opioid recorded in the EMR.	Number of active patients recorded in the EMR.	Yes	Yes	
Medication Prescribing -> Opioid Use	Codeine,combinations excl. psycholeptics Use - All Ages	Number of active patients that have an active medication for Codeine,combinations excluding psycholeptics recorded in the EMR.	Number of active patients recorded in the EMR.	Yes	Yes	
Medication Prescribing -> Opioid Use	Codeine,combinations with psycholeptics Use - All Ages	Number of active patients that have an active medication for Codeine,combinations with psycholeptics recorded in the EMR.	Number of active patients recorded in the EMR.	Yes	Yes	
Medication Prescribing -> Opioid Use	Dihydrocodeine Use - All Ages	Number of active patients that have an active medication for Dihydrocodeine recorded in the EMR.	Number of active patients recorded in the EMR.	Yes	Yes	
Medication Prescribing -> Opioid Use	Dihydrocodeine,combinations Use - All Ages	Number of active patients that have an active medication for Dihydrocodeine,combinations recorded in the EMR.	Number of active patients recorded in the EMR.	Yes	Yes	

Domain	Measure Name	Numerator	Denominator	MOIS	OSCAR	Changes in 2.3
Medication Prescribing -> Opioid Use	Fentanyl Use - All Ages	Number of active patients that have an active medication for Fentanyl recorded in the EMR.	Number of active patients documented in the EMR.	Yes	Yes	
Medication Prescribing -> Opioid Use	Hydromorphone Use - All Ages	Number of active patients that have an active medication for Hydromorphone recorded in the EMR.	Number of active patients recorded in the EMR.	Yes	Yes	
Medication Prescribing -> Opioid Use	Methadone combinations excl. psycholeptics Use - All Ages	Number of active patients that have an active medication for Methadone combinations excluding psycholeptics recorded in the EMR.	Number of active patients recorded in the EMR.	Yes	Yes	
Medication Prescribing -> Opioid Use	Morphine Use - All Ages	Number of active patients that have an active medication for Morphine recorded in the EMR.	Number of active patients recorded in the EMR.	Yes	Yes	
Medication Prescribing -> Opioid Use	Morphine, combinations Use - All Ages	Number of active patients that have an active medication for Morphine, combinations recorded in the EMR.	Number of active patients recorded in the EMR.	Yes	Yes	
Medication Prescribing -> Opioid Use	Other Opioid Use - All Ages	Number of active patients that have an active medication for Other Opioids recorded in the EMR.	Number of active patients recorded in the EMR.	Yes	Yes	
Medication Prescribing -> Opioid Use	Oxycodone, combinations Use - All Ages	Number of active patients that have an active medication for Oxycodone, combinations recorded in the EMR.	Number of active patients recorded in the EMR.	Yes	Yes	
Medication Prescribing -> Opioid Use	Tramadol Use - All Ages	Number of active patients that have an active medication for Tramadol recorded in the EMR.	Number of active patients recorded in the EMR.	Yes	Yes	
Medication Prescribing -> Opioid Use	Tramadol, combinations Use - All Ages	Number of active patients that have an active medication for Tramadol, combinations recorded in the EMR.	Number of active patients recorded in the EMR.	Yes	Yes	
Medication Prescribing -> Polypharmacy	65 and Older on 10 or More Long Term Medications	Number of active patients, age 65 and older, on 10 or more long term medications as recorded in the EMR.	Number of active patients who are 65 and older as recorded in the EMR.	Yes	Yes	
Medication Prescribing -> Polypharmacy	65 and Older on 5 or More Long Term Medications	Number of active patients age 65 and older on 5 or more long term medications as recorded in the EMR.	Number of active patients who are 65 and older as recorded in the EMR.	Yes	Yes	

Domain	Measure Name	Numerator	Denominator	MOIS	OSCAR	Changes in 2.3
Prevention -> Obesity and Waist Circumference	BMI or WC documentation in last 2 yrs age 12-19	Number of active patients, age 12 to 19 (12 <= age <=19), who have either:  a BMI recorded in the EMR OR  a height and weight recorded in the EMR (height AND weight must be recorded in last 2 years) OR  a WC recorded in the EMR within the past 2 years.	Number of active patients, age 12 to 19 (12 <= age <=19) recorded in the EMR.	Yes	No	
Prevention -> Obesity and Waist Circumference	BMI or WC documented in last 2 yrs age >19	Number of active patients >19 years old who have either:  a BMI recorded in the EMR OR  a height and weight recorded in the EMR OR  a WC recorded in the EMR within the past 2 years.	Number of active patients >19 years old recorded in the EMR.	Yes	No	
Prevention -> Obesity and Waist Circumference	Obesity in Adolescents	Number of active patients, 12 <= age <= 19 with a Body Mass Index (BMI) over 85th percentile for their age and sex recorded in the EMR.	Number of active patients, age 12 to 19 (12 <= age <= 19) recorded in the EMR.	Yes	No	
Prevention -> Obesity and Waist Circumference	Obesity in Adults by Health Concern	Number of active patients age 19 and older with Obesity (based on the problem list) recorded in the EMR.	Number of active patients age 19 and older recorded in the EMR.	Yes	Yes	New for Oscar
Prevention -> Obesity and Waist Circumference	Obesity in Adults by Last Measurement	Number of active patients over 19 whose most recent Body Mass Index (BMI) reading is equal to or greater => than 30 or Waist Circumference is greater than > 102 for males and > 95 for females as recorded in the EMR.	Number of active patients older than 19 years recorded in the EMR.	Yes	Yes	

Domain	Measure Name	Numerator	Denominator	MOIS	OSCAR	Changes in 2.3
Prevention -> Obesity and Waist Circumference	Obesity in Adults by Last Measurement or Health Concern	Number of active patients age >19 with obesity documented in their problem list or whose most recent Body Mass Index (BMI) reading is equal to or greater => than 30 or Waist Circumference is greater than > 102 for males and > 95 for females as recorded in the EMR.	Number of active patients older than 19 years	Yes	No	
Prevention -> Physical Activity	Activity documentation in last 2 yrs age >19	Number of active patients, age over 19 (age > 19), with physical activity status recorded in the EMR within the last 2 years.	Number of active patients age over 19 (age > 19) recorded in the EMR.	Yes	No	
Prevention -> Physical Activity	Activity documentation in last 2 yrs age 12-19	Number of active patients, age 12 to 19 (12 =< age <=19), with physical activity status recorded in the EMR within the last 2 years.	Number of active patients age 12 to 19 (12 =< age <=19) recorded in the EMR.	Yes	No	
Prevention -> Physical Activity	Physical Inactivity age >19	Number of active patients, age over 19 (age > 19), with less than 150 minutes of physical activity per week as recorded in the EMR.	Number of active patients age over 19 (age > 19) as recorded in the EMR.	Yes	No	
Prevention -> Physical Activity	Physical Inactivity age 12-19	Number of active patients, age 12 to 19 (12 =< age <= 19), with less than 150 minutes of physical activity per week as recorded in the EMR.	Number of active patients age 12 to 19 (12 =< age <= 19) as recorded in the EMR.	Yes	No	
Prevention -> Tobacco Use	Current Tobacco use age >19	Number of active patients, over 19 (age > 19), who are current tobacco users as recorded in the EMR.	Number of active patients, over 19 (age > 19) as recorded in the EMR.	Yes	Yes	New for Oscar
Prevention -> Tobacco Use	Current Tobacco use age 12-19	Number of active patients, age 12 to 19 (12 =< age <= 19) who are current tobacco users as recorded in the EMR.	Number of active patients age 12 to 19 (12 =< age <= 19) recorded in the EMR.	Yes	No	
Prevention -> Tobacco Use	Tobacco Use Documented in Last Two Years Age 12-19	Count of active patients, 12 years<= age<= 19 years with their tobacco use status recorded in the EMR in the last 2 years.	Count of active patients, 12 years <= age <= 19 years recorded in the EMR.	Yes	No	
Prevention -> Tobacco Use	Tobacco Use Documented in Last Two Years Age 20+	Count of active patients, age 20 years or greater with their tobacco use status recorded in the EMR in the last 2 years.	Count of active patients, age 20 years or greater recorded in the EMR.	Yes	No	

Domain	Measure Name	Numerator	Denominator	MOIS	OSCAR	Changes in 2.3
Prevention -> Vaccinations	Vaccination - Influenza 65+	Number of active patients >64 years old who have one influenza vaccination recorded in the EMR within the last 12 months, have declined the vaccination, have an indication on their record that influenza vaccination is not clinically appropriate for them.	Number of active patients >64 years old recorded in the EMR.	Yes	No	
Prevention -> Vaccinations	Vaccination - Pneumococcal 65+	Number of active patients >64 years old who have at least one pneumococcal vaccination recorded in the EMR (this can be the primary vaccination or a booster), have declined the vaccination or have an indication on their record that pneumococcal vaccination is not clinically appropriate for them.	Number of active patients >64 years old recorded in the EMR.	Yes	No	
Screening -> Blood-borne Pathogen	Complete STI/BBP Testing and Associated HIV Screening	Number of active patients who are not HIV positive, have screening lab results recorded in the EMR for Hep B, Hep C, Chlamydia, or Syphilis (15 months ago to 3 months ago) and also have HIV screening lab results 15 days before to 3 months after the other tests.	Number of active patients who are not HIV positive and have screening lab results recorded in the EMR for any of these diseases: Hep B, Hep C, Chlamydia or Syphilis(15 months ago to 3 months ago).	Yes	No	
Screening -> Blood-borne Pathogen	HIV Screening - Age 18+	Number of active patients, age 18 and older, who have a lab result for HIV screening recorded in the EMR in the past year.	Number of active patients, age 18 and older, recorded in the EMR.	Yes	No	
Screening -> Blood-borne Pathogen	HIV Screening in the Last Year (F18-70)	Count of active female patients age 18 to 70 (18=>age<=70) with at least 1 HIV screening test result recorded in the EMR in the last year	Count of active female patients age 18 to 70 (18=>age<=70) recorded in the EMR.	Yes	No	
Screening -> Blood-borne Pathogen	HIV Screening in the Last Year (M18-70)	Count of active male patients, age 18 to 70 (18=<age<=70) with at least 1 HIV screening test result recorded in the EMR in the last year.	Count of active male patients, age 18 to 70 (18=<age<=70) recorded in the EMR.	Yes	No	

Domain	Measure Name	Numerator	Denominator	MOIS	OSCAR	Changes in 2.3
Screening -> Cancer	Cervical Cancer Screening, Females Ages 25 to 69	Number of active female patients, age 25 to 69 (25 <= age <=69) who have not had hysterectomy, and have a cervical screening lab result within the last 3 years recorded in the EMR.	Number of active female patients, age 25 to 69 (25 <= age <=69) who have not had hysterectomy recorded in the EMR.	Yes	Yes	New for Oscar
Screening -> Cancer	Colorectal Screening ages 50-74	Number of active patients between 50 and 74 years old (74 years >= age >= 50 years) who received screening for colon cancer with:  hemocult test within the past 2 years or  colonoscopy or sigmoidoscopy within the past 5 years  as recorded in the EMR.	Number of active patients who are between 50 and 74 years old (74 years >= age >= 50 years)	Yes	No	
Screening -> Cancer	Screening Mammogram ages 50-70	Number of active female patients, age 50 to 70 (50 <= age <= 70), who have had a mammogram in the last 2 years as recorded in the EMR.	Number of active female patients, age 50 to 70 (50 <= age <= 70) without breast cancer recorded in the EMR.	Yes	No	
Screening -> Other	Abdominal Aortic Aneurysm screening (M 65-80)	Count of active male patients, age 65 to 80 (65 >= age <=80), who have an abdominal or renal imaging result (ultrasound or serendipitous finding on MRI/CT) relevant for abdominal aortic aneurysm screening. In order to qualify for this measure, the imaging result must performed between ages 60 and 80 (60 <= age <=80). OR have a "no aneurysm" statement in their diagnostic imaging results (negative screening).	All active male patients, age 65 to 80 (65 <= age <=80)	Yes	No	
Screening -> Other	Fasting blood sugar in last 3 yrs age > 40	Number of active patients > 40 years old who have their fasting blood sugar tested (HbA1c or 2 hour glucose tolerance test result) recorded in the EMR in last 3 yrs.	All active patients > 40 years old	Yes	Yes	New for Oscar

Domain	Measure Name	Numerator	Denominator	MOIS	OSCAR	Changes in 2.3
Screening -> Sexually Transmitted Diseases	Chlamydia Testing in last 12 months age 15-24	Number of active female patients, age 15 to 24 (15 =< age <= 24), who have had a chlamydia lab test recorded in the EMR, within the last 12 months.	Number of active female patients, age 15 to 24 (15 =< age <= 24) recorded in the EMR.	Yes	No	