

# Statin Therapy for the Prevention and Treatment of Cardiovascular Disease

## Measure Narrative

### Description

Percentage of high-risk adult patients aged  $\geq 21$  years who were previously diagnosed with or currently have an active diagnosis of clinical atherosclerotic cardiovascular disease (ASCVD); OR adult patients aged  $\geq 21$  years with a fasting or direct Low-Density Lipoprotein Cholesterol (LDL-C) level  $\geq 190$  mg/dL; OR patients aged 40-75 years with a diagnosis of diabetes with a fasting or direct LDL-C level of 70-189 mg/dL; who were prescribed or are already on statin medication therapy during the measurement year.

### Methodology

Population identification is accomplished via a query of a practice management system or Electronic Medical Record (EMR) to identify the population of eligible patients (denominator). Data elements are either extracted from an EMR system or abstracted through medical record review.

### Measurement Period

Performance data on this measure will be collected every 3 months for the EvidenceNow initiative beginning Jan 1, 2015. The measurement period for each data submission for the duration of the EvidenceNow initiative are provided below:

Measurement Period	ABCS Data Dictionary Notation
Jan 1, 2015 – Dec 31, 2015	2015Q4
Apr 1, 2015 – Mar 31, 2016	2016Q1
Jul 1, 2015 – Jun 30, 2016	2016Q2
Oct 1, 2015 – Sep 30, 2016	2016Q3
Jan 1, 2016 – Dec 31, 2016	2016Q4
Apr 1, 2016 – Mar 31, 2017	2017Q1
Jul 1, 2016 – Jun 30, 2017	2017Q2
Oct 1, 2016 – Sep 30, 2017	2017Q3
Jan 1, 2017 – Dec 31, 2017	2017Q4
Apr 1, 2017 – Mar 31, 2018	2018Q1
Jul 1, 2017 – Jun 30, 2018	2018Q2
Oct 1, 2017 – Sep 30, 2018	2018Q3
Jan 1, 2018 – Dec 31, 2018	2018Q4
Jan 1, 2018 – Mar 31, 2018	2019Q1

### Eligible Population

#### Eligible Specialties

Family Medicine, Internal Medicine, Geriatric Medicine, Endocrinology, Cardiology

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## Eligible Providers

Medical Doctor (MD), Doctor of Osteopathy (DO), Physician Assistant (PA), Advanced Practice Registered Nurses (APRN)

## Ages

21 years and older as of January 1 of the measurement period

## Event

At least one face to face visit (Value Sets: *Annual Wellness Visit; Face-to-Face Interaction; Office Visit; Preventive Care Services – Established Office Visit, 18 and Up; Preventive Care Services – Initial Office Visit, 18 and Up*) with an eligible provider in an eligible specialty for any reason during the measurement period.

## Exclusions

None

## Denominator

Patients who met any of the following criteria are identified as at high risk of a cardiovascular event and included in the denominator:

- active *diagnosis of clinical atherosclerotic cardiovascular disease (ASCVD) during the current measurement period or any time prior (Value Sets: PCI, Acute Myocardial Infarction, Ischemic Vascular Disease, Hemorrhagic Stroke, Ischemic Stroke, CABG Surgeries, Carotid Intervention);*
- *LDL-C result  $\geq$  190 mg/dL at any time during or prior to the measurement period;*
- *aged 40 – 75 years at the beginning of the measurement period with an active diagnosis of diabetes (Diabetes Value Set) with the highest LDL-C result of 70 – 189 mg/dL during the current measurement period or two years prior to the beginning of the measurement period.*

## Numerator

The number of patients with a statin medication (*Statin RXNORM Value Set*) current on the medication list or prescribed a statin medication during the measurement period.

## Denominator Exceptions

- *Patients with adverse effect, allergy or intolerance to statin medication therapy (Medical Reason SNOMED Value Set)*
- *Patients who have an active diagnosis of pregnancy or breastfeeding (Breastfeeding Value Set) (Pregnancy Dx Value Set)*
- *Patients who are receiving palliative care (Palliative Care Value Set)*
- *Patients with active liver disease or hepatic disease or insufficiency (Liver Disease Value Set)*
- *Patients with end stage renal disease (End Stage Renal Disease Care Value Set)*
- *Most recent LDL-C result  $<$  70 mg/dL for patients with a diabetes diagnosis who are not currently receiving statin medication therapy*

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### Measure Scoring

Rate/Proportion

### Interpretation of Score

Higher score indicates better quality

### Measure Type

Process