

# **SUPPLEMENTAL MATERIAL**

**Table S1. List of Participating Clinical Data Research Networks and Datamarts.**

<b>Participating CDRN</b>	<b>Participating Partners within CDRN</b>
ADVANCE	Central Datamart
LHSNet	Allina Health System Arizona State University Essentia Health Mayo Clinic Ohio State University
Mid-South	Vanderbilt University Medical Center
OneFlorida	Central Datamart
PaTH	Geisinger Health John Hopkins University University of Pittsburgh Medical Center University of Utah
PORTAL	HealthPartners Kaiser Permanente Colorado Kaiser Permanente Mid Atlantic
REACHnet	Baylor Scott and White Health Ochsner Health System Tulane

CDRN, Clinical Data Research Network

**Table S2. Definition of the Three Patient Groups, Ranked Lowest to Highest Risk.**

<b>Rank</b>	<b>Patient Group</b>	<b>Codes</b>
1	Dyslipidemia	ICD-9: 272* ICD10: E78*
2	LDL-C $\geq$ 130 mg/dl and not on lipid-lowering treatment	LOINC: 2089-1, 13457-7, 18262-6, 49132-4, 55440-2, 18261-8, 22748-8, 39469-2, 69419-0
3	Coronary heart disease or coronary artery disease	ICD-9: 414.00, 414.01, 414.9 ICD-10: I25.1*, I25.8*

Patients who fall into more than 1 group were categorized into the highest ranking group (CHD/CAD > LDL-C  $\geq$ 130 mg/dl who were not on any lipid-lowering treatment > dyslipidemia)

ICD, International Classification of Diseases; LOINC, Logical Observation Identifiers

Names and Codes; LDL-C, low-density lipoprotein cholesterol

\* = all modifiers included with code

**Table S3. Diagnostic Codes to Identify Comorbid Conditions.**

<b>Condition</b>	<b>ICD-9</b>	<b>ICD-10</b>
Obesity	V853*, V854*	Z683*, Z684*
Hypertension	401, 401.0, 401.1, 401.9	I10
Chronic kidney disease	585*	N18*
Peripheral vascular disease	443*	I73*
Myocardial Infarction	410*, 412	I252, I21*, I22*
Hemorrhagic stroke	431	I61.0, I61.1, I61.2, I61.3, I61.4, I61.5, I61.6, I61.8, I61.9
Ischemic stroke	434.00, 434.01, 434.10, 434.11, 434.90, 434.91	I63.00, I63.011, I63.012, I63.013, I63.019, I63.02, I63.031, I63.032, I63.033, I63.039, I63.09, I63.10, I63.111, I63.112, I63.113, I63.119, I63.12, I63.131, I63.132, I63.133, I63.139, I63.19, I63.20, I63.211, I63.212, I63.213, I63.219, I63.22, I63.231, I63.232, I63.233, I63.239, I63.29, I63.30, I63.311, I63.312, I63.313, I63.319, I63.321, I63.322, I63.323, I63.329, I63.331, I63.332, I63.333, I63.339, I63.341, I63.342, I63.343, I63.349, I63.39, I63.40, I63.411, I63.412, I63.413, I63.419, I63.421, I63.422, I63.423, I63.429, I63.431, I63.432, I63.433, I63.439, I63.441, I63.442, I63.443, I63.449, I63.49, I63.50, I63.511, I63.512, I63.513, I63.519, I63.521, I63.522, I63.523, I63.529, I63.531, I63.532, I63.533, I63.539, I63.541, I63.542, I63.543, I63.549, I63.59
Transient ischemic attack	435.0, 435.1, 435.2, 435.3, 435.8, 435.9	G45.0, G45.1, G45.2, G45.3, G45.4, G45.8, G45.9
Diabetes	250.00, 250.02, 250.10, 250.12, 250.20, 250.22, 250.30, 250.32, 250.40,	E11*

250.42, 250.50, 250.52,  
250.60, 250.62, 250.70,  
250.72, 250.80, 250.82,  
250.90, 250.92

---

ICD, International Classification of Diseases

\* = all modifiers included with code