

SUPPLEMENTARY MATERIAL

Table S1. Lipid-lowering medications.

Class	Medications
Statins (HMG-CoA reductase inhibitors) ¹	atorvastatin
	fluvastatin
	lovastatin
	pitavastatin
	pravastatin
	rosuvastatin
	simvastatin
Colesevelam	colesevelam
Non-colesevelam bile acid sequestrants	cholestyramine
	colestipol
Cholesterol absorption inhibitors	ezetimibe
Fibrates ²	fenofibrate
	fenofibric acid
	gemfibrozil
Nicotinic acid derivatives	niacin
Lipid-regulating agents ³	omega-3-acid ethyl esters
Combination therapies	atorvastatin/amlodipine
	lovastatin/niacin
	pravastatin/aspirin ⁴
	simvastatin/ezetimibe
	simvastatin/niacin
	simvastatin/sitagliptin

¹Cerivastatin was discontinued in 2001.

²Clofibrate was discontinued in 2002.

³Icosapent ethyl was approved on 26 July 2012.

⁴Pravastatin/aspirin was discontinued on 18 May 2005.

Table S2. CVE codes.

Condition	ICD-9-CM Diagnosis	HCPCS	ICD-9-CM Procedure	Description
MI	410.xx			Acute myocardial infarction
Ischemic (non-hemorrhagic) stroke	433.x1			Occlusion and stenosis of precerebral arteries, with cerebral infarction
	434.x1			Occlusion of cerebral arteries, with cerebral infarction
PCI		92980-92981		Transcatheter placement of an intracoronary stent(s), percutaneous, with or without other therapeutic intervention, any method
		92982, 92984		Percutaneous transluminal coronary balloon angioplasty
		92995-92996		Percutaneous transluminal coronary atherectomy, by mechanical or other method, with or without balloon angioplasty
		G0290-G0291		Transcatheter placement of a drug eluting intracoronary stent(s), percutaneous, with or without other therapeutic intervention
			00.66	Percutaneous transluminal coronary angioplasty [PTCA]
			36.06	Insertion of non-drug-eluting coronary artery stent(s)
			36.07	Insertion of drug-eluting coronary artery stent(s)
CABG		33510-33514, 33516		Coronary artery bypass, vein only
		33517-33519, 33521-33523		Coronary artery bypass, using venous graft(s) and arterial graft(s)
		33533-33536		Coronary artery bypass, using arterial graft(s)
		S2205-S2209		Minimally invasive direct coronary artery bypass surgery involving mini-thoracotomy or mini-sternotomy surgery, performed under direct vision
			36.1x	Bypass anastomosis for heart revascularization
			36.2	Heart revascularization by arterial implant
Unstable angina	411.1			Intermediate coronary syndrome

Condition	ICD-9- CM Diagnosis	HCPC S	ICD-9- CM Procedur e	Description
	411.8x			Other acute and subacute forms of ischemic heart disease
TIA	435.x			Transient cerebral ischemia
HF	428.xx			Heart failure
Post-MI condition	411.0			Postmyocardial infarction syndrome
	412			Old myocardial infarction
	429.7x			Certain sequelae of myocardial infarction, not elsewhere classified
Hypertensive heart disease with HF	402.x1			Hypertensive heart disease with heart failure
	404.x1			Hypertensive with heart failure and chronic kidney disease stage I through stage IV (or unspecified)
	404.x3			Hypertensive with heart failure and chronic kidney disease stage V (or end stage renal disease)

Table S3. Comorbid condition codes.

Condition	ICD-9-CM Diagnosis	HCPCS	ICD-9-CM Procedure	Description
Hemorrhagic stroke	430			Subarachnoid hemorrhage
	431			Intracerebral hemorrhage
	432.x			Other and unspecified intracranial hemorrhage
Carotid artery disease	433.10			Occlusion and stenosis of carotid artery without mention of cerebral infarction
	433.11			Occlusion and stenosis of carotid artery with cerebral infarction
	433.21			Dissection of carotid artery
Chronic renal failure (excluding combination with hypertension)	585.x			Chronic kidney disease (CKD)
	586			Unspecified renal failure
	587			Unspecified renal sclerosis
COPD	491.xx			Chronic bronchitis
	492.x			Emphysema
	494.x			Bronchiectasis
Asthma	493.xx			Asthma
Mental disorders	290.xx-299.xx			Psychoses
	300.xx-316			Neurotic disorders, personality disorders, and other nonpsychotic mental disorders
	317-319			Mental retardation
Osteoarthritis	715.xx			Osteoarthritis and allied disorders
	721.0			Cervical spondylosis without myelopathy
	721.2			Thoracic spondylosis without myelopathy
	721.3			Lumbosacral spondylosis without myelopathy
	721.90			Spondylosis of unspecified site without mention of myelopathy