

SUPPLEMENTAL MATERIAL

Table S1. List of Baseline and Outcome Variable Codes*.

Variable	Code(s)	Code Description
Coronary artery disease		
Stable or unstable angina	I200, I2109, I2111, I2119, I2129, I213, I214, I240	ICD-10 Diagnosis
Percutaneous coronary intervention	Z98.61, Z95.5	ICD-10 Diagnosis
	92920, 92921, 92924, 92925, 92928, 92929, 92933, 92934, 92937, 92938, 92941, 92943, 92944, 02700D6, 02700DZ, 02700T6, 02700TZ, 02700Z6, 02700ZZ, 02703D6, 02703DZ, 02703T6, 02703TZ, 02703Z6, 02703ZZ, 02704D6, 02704DZ, 02704T6, 02704TZ, 02704Z6, 02704ZZ, 02710D6, 02710DZ, 02710T6, 02710TZ, 02710Z6, 02710ZZ, 02713D6, 02713DZ, 02713T6, 02713TZ, 02713Z6, 02713ZZ, 02714D6, 02714DZ, 02714T6, 02714TZ, 02714Z6, 02714ZZ, 02720D6, 02720DZ, 02720T6, 02720TZ, 02720Z6, 02720ZZ, 02723D6, 02723DZ, 02723T6, 02723TZ, 02723Z6, 02723ZZ, 02724D6, 02724DZ, 02724T6, 02724TZ, 02724Z6, 02724ZZ, 02730D6, 02730DZ, 02730T6, 02730TZ, 02730Z6, 02730ZZ, 02733D6, 02733DZ, 02733T6, 02733TZ, 02733Z6, 02733ZZ, 02734D6, 02734DZ, 02734T6, 02734TZ, 02734Z6, 02734ZZ, C9600, C9601, C9602, C9603, C9604, C9605, C9606, C9607, C9608, 0270046, 027004Z, 0270346, 027034Z, 0270446, 027044Z, 0271046, 027104Z, 0271346, 027134Z, 0271446, 027144Z, 0272046, 027204Z, 0272346, 027234Z, 0272446, 027244Z, 0273046, 027304Z, 0273346, 027334Z, 0273446, 027344Z	CPT-4 Procedure
Coronary artery bypass graft	566, 567, 33510, 33511, 33512, 33513, 33514, 33516, 33517, 33518, 33519, 33520, 33521, 33522, 33523, 33525, 33528, 33530, 33533, 33534, 33535, 33536, 35600, 4110F, 75762, 75764, 75766, 75767, 93551, C9604, C9605, G8158, G8159, G8160, G8161, G8162, G8163, G8164, G8165, G8166, G8167, G8170, G8171, G8172, G8497, G8544, G8573, G8574, I2570, I25700, I25701, I25708, I25709, I2571, I25710, I25711, I25718, I25719, I2572, I25720, I25721, I25728, I25729, I2573, I25730, I25731, I25738, I25739, I2579, I25790, I25791, I25798, I25799, I25810, T82211, T82211A, T82211D, T82211S, T82212, T82212A, T82212D, T82212S, T82213, T82213A, T82213D, T82213S, T82218, T82218A, T82218D, T82218S, Z951, 0210093, 0210098, 0210099, 021009C, 021009F, 021009W, 02100A3, 02100A8, 02100A9, 02100AC, 02100AF, 02100AW, 02100J3, 02100J8, 02100J9, 02100JC, 02100JF, 02100JW, 02100K3, 02100K8, 02100K9, 02100KC, 02100KF, 02100KW, 02100Z3, 02100Z8, 02100Z9, 02100ZC, 02100ZF, 0210344, 02103D4, 0210444, 0210493, 0210499, 0210499, 021049F, 021049W, 02104A3, 02104A8, 02104A9, 02104AC, 02104AF, 02104AW, 02104D4, 02104J3, 02104J8, 02104J9, 02104JC, 02104JF, 02104JW, 02104K3, 02104K8, 02104K9, 02104KC, 02104KF, 02104KW, 02104Z3, 02104Z8, 02104Z9, 02104ZC, 02104ZF, 0211093, 0211098, 0211099, 021109C, 021109F, 021109W, 02110A3, 02110A8, 02110A9, 02110AC, 02110AF, 02110AW, 02110J3, 02110J8, 02110J9, 02110JC, 02110JF, 02110JW, 02110K3, 02110K8, 02110K9, 02110KC, 02110KF, 02110KW, 02110Z3, 02110Z8, 02110Z9, 02110ZC, 02110ZF, 0211344, 02113D4,	CPT-4 Procedure

	211444, 0211493, 0211498, 0211499, 021149C, 021149F, 021149W, 02114A3, 02114A8, 02114A9, 02114AC, 02114AF, 02114AW, 02114D4, 02114J3, 02114J8, 02114J9, 02114JC, 02114JF, 02114JW, 02114K3, 02114K8, 02114K9, 02114KC, 02114KF, 02114KW, 02114Z3, 02114Z8, 02114Z9, 02114ZC, 02114ZF, 0212093, 0212098, 0212099, 021209C, 021209F, 021209W, 02120A3, 02120A8, 02120A9, 02120AC, 02120AF, 02120AW, 02120J3, 02120J8, 02120J9, 02120JC, 02120JF, 02120JW, 02120K3, 02120K8, 02120K9, 02120KC, 02120KF, 02120KW, 02120Z3, 02120Z8, 02120Z9, 02120ZC, 02120ZF, 0212344, 02123D4, 0212444, 0212493, 0212498, 0212499, 021249C, 021249F, 021249W, 02124A3, 02124A8, 02124A9, 02124AC, 02124AF, 02124AW, 02124D4, 02124J3, 02124J8, 02124J9, 02124JC, 02124JF, 02124JW, 02124K3, 02124K8, 02124K9, 02124KC, 02124KF, 02124KW, 02124Z3, 02124Z8, 02124Z9, 02124ZC, 02124ZF, 0213093, 0213098, 0213099, 021309C, 021309F, 021309W, 02130A3, 02130A8, 02130A9, 02130AC, 02130AF, 02130AW, 02130J3, 02130J8, 02130J9, 02130JC, 02130JF, 02130JW, 02130K3, 02130K8, 02130K9, 02130KC, 02130KF, 02130KW, 02130Z3, 02130Z8, 02130Z9, 02130ZC, 02130ZF, 213344, 02133D4, 0213444, 0213493, 0213498, 0213499, 021349C, 021349F, 021349W, 02134A3, 02134A8, 02134A9, 02134AC, 02134AF, 02134AW, 02134D4, 02134J3, 02134J8, 02134J9, 02134JC, 02134JF, 02134JW, 02134K3, 02134K8, 02134K9, 02134KC, 02134KF, 02134KW, 02134Z3, 02134Z8, 02134Z9, 02134ZC, 02134ZF, 0210498, B2020ZZ, B2021ZZ, B202YZZ, B2030ZZ, B2031ZZ, B203YZZ, B212010, B2120ZZ, B212110, B2121ZZ, B212Y10, B212YZZ, B213010, B2130ZZ, B213110, B2131ZZ, B213Y10, B213YZZ, B22300Z, B2230ZZ, B22310Z, B2231ZZ, B223YoZ, B223YZZ, B223Z2Z, B223ZZZ, B233YoZ, B233YZZ, B233ZZZ	
Myocardial infarction	I21, I21.0, I21.01, I21.02, I21.09, I21.1, I21.11, I21.19, I21.2, I21.21, I21.29, I21.3, I21.4, I22, I22.0, I22.1, I22.2, I22.8, I22.9, I23, I23.0, I23.1, I23.2, I23.3, I23.4, I23.5, I23.6, I23.7, I23.8, I25.2	ICD-10 Diagnosis
Cerebrovascular disease		
Ischemic stroke	I63	ICD-10 Diagnosis
Transient ischemic attack	G45.0, G45.1, G45.2, G45.4, G45.8, G45.9	ICD-10 Diagnosis
Peripheral artery disease		
History of peripheral artery disease	I70201, I70202, I70203, I70208, I70209, I70211, I70212, I70213, I70218, I70219, I70221, I70222, I70223, I70228, I70229, I70231, I70231, I70232, I70232, I70233, I70233, I70234, I70234, I70235, I70235, I70238, I70238, I70239, I70239, I70241, I70241, I70242, I70242, I70243, I70243, I70244, I70244, I70245, I70245, I70248, I70248, I70249, I70249, I7025, I7025, I70261, I70262, I70263, I70268, I70269, I70291, I70292, I70293, I70298, I70299	ICD-10 Diagnosis
Angioplasty	39.50	ICD-9 Procedure†
Stenting	00.55, 39.90,	ICD-9 Procedure†
Atherectomy	17.56	ICD-9 Procedure†

Peripheral arterial bypass grafting	39.25, 39.26, 39.29	ICD-9 Procedure†
Amputations	<p>oY6CoZ1, oY6CoZ2, oY6CoZ3, oY6DoZ1, oY6DoZ2, oY6DoZ3, oY6HoZ1, oY6HoZ2, oY6HoZ3, oY6JoZ1, oY6JoZ2, oY6JoZ3, oY6MoZo, oY6NoZo, oY6HoZ3, oY6JoZ3, oY6HoZ1, oY6HoZ2, oY6HoZ3, oY6JoZ1, oY6JoZ2, oY6JoZ3, oY6FoZZ, oY6GoZZ, oY6CoZ1, oY6CoZ2, oY6CoZ3, oY6DoZ1, oY6DoZ2, oY6DoZ3, oHQBXXZZ, oHQCXZZ, oHQDXZZ, oHQEXZZ, oHQFXZZ, oHQGXZZ, oHQHXZZ, oHQJXZZ, oHQKXZZ, oHQLXZZ, oHQMXZZ, oHQNXZZ, oX6ooZZ, oX61oZZ, oX62oZZ, oX63oZZ, oX68oZ1, oX68oZ2, oX68oZ3, oX69oZ1, oX69oZ2, oX69oZ3, oX6BoZZ, oX6CoZZ, oX6DoZ1, oX6DoZ2, oX6DoZ3, oX6FoZ1, oX6FoZ2, oX6FoZ3, oX6JoZo, oX6JoZ4, oX6JoZ5, oX6JoZ6, oX6JoZ7, oX6JoZ8, oX6JoZ9, oX6JoZB, oX6JoZC, oX6JoZD, oX6JoZF, oX6KoZo, oX6KoZ4, oX6KoZ5, oX6KoZ6, oX6KoZ7, oX6KoZ8, oX6KoZ9, oX6KoZB, oX6KoZC, oX6KoZD, oX6KoZF, oX6LoZo, oX6LoZ1, oX6LoZ2, oX6LoZ3, oX6MoZo, oX6MoZ1, oX6MoZ2, oX6MoZ3, oX6NoZo, oX6NoZ1, oX6NoZ2, oX6NoZ3, oX6PoZo, oX6PoZ1, oX6PoZ2, oX6PoZ3, oX6QoZo, oX6QoZ1, oX6QoZ2, oX6QoZ3, oX6RoZo, oX6RoZ1, oX6RoZ2, oX6RoZ3, oX6SoZo, oX6SoZ1, oX6SoZ2, oX6SoZ3, oX6ToZo, oX6ToZ1, oX6ToZ2, oX6ToZ3, oX6VoZo, oX6VoZ1, oX6VoZ2, oX6VoZ3, oX6WoZo, oX6WoZ1, oX6WoZ2, oX6WoZ3, oXQ6oZZ, oXQ63ZZ, oXQ64ZZ, oXQ6XZZ, oXQ7oZZ, oXQ73ZZ, oXQ74ZZ, oXQ7XZZ, oXQ8oZZ, oXQ83ZZ, oXQ84ZZ, oXQ8XZZ, oXQ9oZZ, oXQ93ZZ, oXQ94ZZ, oXQ9XZZ, oXQBoZZ, oXQB3ZZ, oXQB4ZZ, oXQBXXZZ, oXQCoZZ, oXQC3ZZ, oXQC4ZZ, oXQCXZZ, oXQDoZZ, oXQD3ZZ, oXQD4ZZ, oXQDXZZ, oXQFoZZ, oXQF3ZZ, oXQF4ZZ, oXQFXZZ, oXQGoZZ, oXQG3ZZ, oXQG4ZZ, oXQGXZZ, oXQHoZZ, oXQH3ZZ, oXQH4ZZ, oXQHXXZZ, oXQJoZZ, oXQJ3ZZ, oXQJ4ZZ, oXQJXXZZ, oXQKoZZ, oXQK3ZZ, oXQK4ZZ, oXQKXXZZ, oXQLoZZ, oXQL3ZZ, oXQL4ZZ, oXQLXXZZ, oXQMoZZ, oXQM3ZZ, oXQM4ZZ, oXQMXZZ, oXQNoZZ, oXQN3ZZ, oXQN4ZZ, oXQNXZZ, oXQPoZZ, oXQP3ZZ, oXQP4ZZ, oXQPXXZZ, oXQQoZZ, oXQQ3ZZ, oXQQ4ZZ, oXQQXXZZ, oXQRoZZ, oXQR3ZZ, oXQR4ZZ, oXQRXXZZ, oXQSoZZ, oXQS3ZZ, oXQS4ZZ, oXQSXXZZ, oXQToZZ, oXQT3ZZ, oXQT4ZZ, oXQTXZZ, oXQVoZZ, oXQV3ZZ, oXQV4ZZ, oXQVXXZZ, oXQWoZZ, oXQW3ZZ, oXQW4ZZ, oXQWXXZZ, oY62oZZ, oY63oZZ, oY64oZZ, oY67oZZ, oY68oZZ, oY6CoZ1, oY6CoZ2, oY6CoZ3, oY6DoZ1, oY6DoZ2, oY6DoZ3, oY6FoZZ, oY6GoZZ, oY6HoZ1, oY6HoZ2, oY6HoZ3, oY6JoZ1, oY6JoZ2, oY6JoZ3, oY6MoZo, oY6MoZ4, oY6MoZ5, oY6MoZ6, oY6MoZ7, oY6MoZ8, oY6MoZ9, oY6MoZB, oY6MoZC, oY6MoZD, oY6MoZF, oY6NoZo, oY6NoZ4, oY6NoZ5, oY6NoZ6, oY6NoZ7, oY6NoZ8, oY6NoZ9, oY6NoZB, oY6NoZC, oY6NoZD, oY6NoZF, oY6PoZo, oY6PoZ1, oY6PoZ2, oY6PoZ3, oY6QoZo, oY6QoZ1, oY6QoZ2, oY6QoZ3, oY6RoZo,</p>	CPT-4 Procedure

	<p>oY6RoZ1, oY6RoZ2, oY6RoZ3, oY6SoZo, oY6SoZ1, oY6SoZ2, oY6SoZ3, oY6ToZo, oY6ToZ1, oY6ToZ2, oY6ToZ3, oY6UoZo, oY6UoZ1, oY6UoZ2, oY6UoZ3, oY6VoZo, oY6VoZ1, oY6VoZ2, oY6VoZ3, oY6WoZo, oY6WoZ1, oY6WoZ2, oY6WoZ3, oY6XoZo, oY6XoZ1, oY6XoZ2, oY6XoZ3, oY6YoZo, oY6YoZ1, oY6YoZ2, oY6YoZ3, oYQ9oZZ, oYQ93ZZ, oYQ94ZZ, oYQ9XZZ, oYQBoZZ, oYQB3ZZ, oYQB4ZZ, oYQBXZZ, oYQCoZZ, oYQC3ZZ, oYQC4ZZ, oYQCXZZ, oYQDoZZ, oYQD3ZZ, oYQD4ZZ, oYQDXZZ, oYQFoZZ, oYQF3ZZ, oYQF4ZZ, oYQFXZZ, oYQGoZZ, oYQG3ZZ, oYQG4ZZ, oYQGXXZZ, oYQHoZZ, oYQH3ZZ, oYQH4ZZ, oYQHXXZZ, oYQJoZZ, oYQJ3ZZ, oYQJ4ZZ, oYQJXXZZ, oYQKoZZ, oYQK3ZZ, oYQK4ZZ, oYQKXXZZ, oYQLoZZ, oYQL3ZZ, oYQL4ZZ, oYQLXXZZ, oYQMoZZ, oYQM3ZZ, oYQM4ZZ, oYQMXZZ, oYQNoZZ, oYQN3ZZ, oYQN4ZZ, oYQNXZZ, oYQPoZZ, oYQP3ZZ, oYQP4ZZ, oYQPXXZZ, oYQOoZZ, oYQO3ZZ, oYQO4ZZ, oYQOXXZZ, oYQRoZZ, oYQR3ZZ, oYQR4ZZ, oYQRXXZZ, oYQSoZZ, oYQS3ZZ, oYQS4ZZ, oYQSXXZZ, oYQToZZ, oYQT3ZZ, oYQT4ZZ, oYQTXZZ, oYQUoZZ, oYQU3ZZ, oYQU4ZZ, oYQUXXZZ, oYQVoZZ, oYQV3ZZ, oYQV4ZZ, oYQVXXZZ, oYQWoZZ, oYQW3ZZ, oYQW4ZZ, oYQWXXZZ, oYQXoZZ, oYQX3ZZ, oYQX4ZZ, oYQXXZZ, oYQYoZZ, oYQY3ZZ, oYQY4ZZ, oYQYXXZZ, FoDZ8UZ, FoDZ8ZZ, FoDZ8UZ, FoDZ8UZ, FoDZ8UZ, oXH8oYZ, oXH83YZ, oXH84YZ, oXH9oYZ, oXH93YZ, oXH94YZ, oXHB0YZ, oXHB3YZ, oXHB4YZ, oXHC0YZ, oXHC3YZ, oXHC4YZ, oXHD0YZ, oXHD3YZ, oXHD4YZ, oXHF0YZ, oXHF3YZ, oXHF4YZ, oXHGoYZ, oXHG3YZ, oXHG4YZ, oXHH0YZ, oXHH3YZ, oXHH4YZ, FoDZ8UZ, FoDZ8UZ, FoDZ8UZ, oYHC0YZ, oYHC3YZ, oYHC4YZ, oYHD0YZ, oYHD3YZ, oYHD4YZ, oYHF0YZ, oYHF3YZ, oYHF4YZ, oYHGoYZ, oYHG3YZ, oYHG4YZ, oYHH0YZ, oYHH3YZ, oYHH4YZ, oYHJoYZ, oYHJ3YZ, oYHJ4YZ, NoPCS, 3EoUoGB, 3EoU3GB, 3EoVoGB, 3EoV3GB, oPHCo8Z, oPHC38Z, oPHC48Z, oPHDo8Z, oPHD38Z, oPHD48Z, oPHFo8Z, oPHF38Z, oPHF48Z, oPHGo8Z, oPHG38Z, oPHG48Z, oPHHo8Z, oPHH38Z, oPHH48Z, oPHJo8Z, oPHJ38Z, oPHJ48Z, oPHKo8Z, oPHK38Z, oPHK48Z, oPHLo8Z, oPHL38Z, oPHL48Z, oQH6o8Z, oQH638Z, oQH648Z, oQH7o8Z, oQH738Z, oQH748Z, oQH8o8Z, oQH838Z, oQH848Z, oQH9o8Z, oQH938Z, oQH948Z, oQHBo8Z, oQHB38Z, oQHB48Z, oQHC08Z, oQHC38Z, oQHC48Z, oQHGo8Z, oQHG38Z, oQHG48Z, oQHHo8Z, oQHH38Z, oQHH48Z, oQHJo8Z, oQHJ38Z, oQHJ48Z, oQHKo8Z, oQHK38Z, oQHK48Z, oY6CoZ1, oY6CoZ2, oY6CoZ3, oY6DoZ1, oY6DoZ2, oY6DoZ3, oY6HoZ1, oY6HoZ2, oY6HoZ3, oY6JoZ1, oY6JoZ2, oY6JoZ3, oY6MoZo, oY6NoZo, oY6HoZ3, oY6JoZ3, oY6HoZ1, oY6HoZ2, oY6HoZ3, oY6JoZ1, oY6JoZ2, oY6JoZ3, oY6FoZZ, oY6GoZZ, oY6CoZ1, oY6CoZ2, oY6CoZ3, oY6DoZ1, oY6DoZ2, oY6DoZ3, oHQBXXZZ, oHQCXZZ, oHQDXZZ, oHQEXZZ, oHQFXZZ, oHQGXZZ, oHQHXZZ, oHQJXXZZ, oHQKXXZZ, oHQLXXZZ, oHQMXXZZ, oHQNXZZ,</p>	
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	<p>oX6ooZZ, oX6ioZZ, oX6zoZZ, oX63oZZ, oX68oZ1, oX68oZ2, oX68oZ3, oX69oZ1, oX69oZ2, oX69oZ3, oX6BoZZ, oX6CoZZ, oX6DoZ1, oX6DoZ2, oX6DoZ3, oX6FoZ1, oX6FoZ2, oX6FoZ3, oX6JoZo, oX6JoZ4, oX6JoZ5, oX6JoZ6, oX6JoZ7, oX6JoZ8, oX6JoZ9, oX6JoZB, oX6JoZC, oX6JoZD, oX6JoZF, oX6KoZo, oX6KoZ4, oX6KoZ5, oX6KoZ6, oX6KoZ7, oX6KoZ8, oX6KoZ9, oX6KoZB, oX6KoZC, oX6KoZD, oX6KoZF, oX6LoZo, oX6LoZ1, oX6LoZ2, oX6LoZ3, oX6MoZo, oX6MoZ1, oX6MoZ2, oX6MoZ3, oX6NoZo, oX6NoZ1, oX6NoZ2, oX6NoZ3, oX6PoZo, oX6PoZ1, oX6PoZ2, oX6PoZ3, oX6QoZo, oX6QoZ1, oX6QoZ2, oX6QoZ3, oX6RoZo, oX6RoZ1, oX6RoZ2, oX6RoZ3, oX6SoZo, oX6SoZ1, oX6SoZ2, oX6SoZ3, oX6ToZo, oX6ToZ1, oX6ToZ2, oX6ToZ3, oX6VoZo, oX6VoZ1, oX6VoZ2, oX6VoZ3, oX6WoZo, oX6WoZ1, oX6WoZ2, oX6WoZ3, oXQ6oZZ, oXQ63ZZ, oXQ64ZZ, oXQ6XZZ, oXQ7oZZ, oXQ73ZZ, oXQ74ZZ, oXQ7XZZ, oXQ8oZZ, oXQ83ZZ, oXQ84ZZ, oXQ8XZZ, oXQ9oZZ, oXQ93ZZ, oXQ94ZZ, oXQ9XZZ, oXQBoZZ, oXQB3ZZ, oXQB4ZZ, oXQBXZZ, oXQCoZZ, oXQC3ZZ, oXQC4ZZ, oXQCXZZ, oXQDoZZ, oXQD3ZZ, oXQD4ZZ, oXQDXZZ, oXQFoZZ, oXQF3ZZ, oXQF4ZZ, oXQFXZZ, oXQGoZZ, oXQG3ZZ, oXQG4ZZ, oXQGXZZ, oXQHoZZ, oXQH3ZZ, oXQH4ZZ, oXQHXXZZ, oXQJoZZ, oXQJ3ZZ, oXQJ4ZZ, oXQJXZZ, oXQKoZZ, oXQK3ZZ, oXQK4ZZ, oXQKXZZ, oXQLoZZ, oXQL3ZZ, oXQL4ZZ, oXQLXZZ, oXQMoZZ, oXQM3ZZ, oXQM4ZZ, oXQMXZZ, oXQNoZZ, oXQN3ZZ, oXQN4ZZ, oXQNXZZ, oXQPoZZ, oXQP3ZZ, oXQP4ZZ, oXQPXZZ, oXQQoZZ, oXQQ3ZZ, oXQQ4ZZ, oXQQXZZ, oXQRoZZ, oXQR3ZZ, oXQR4ZZ, oXQRXZZ, oXQSoZZ, oXQS3ZZ, oXQS4ZZ, oXQSXZZ, oXQToZZ, oXQT3ZZ, oXQT4ZZ, oXQTXZZ, oXQVoZZ, oXQV3ZZ, oXQV4ZZ, oXQVXZZ, oXQWoZZ, oXQW3ZZ, oXQW4ZZ, oXQWXZZ, oY6zoZZ, oY63oZZ, oY64oZZ, oY67oZZ, oY68oZZ, oY6CoZ1, oY6CoZ2, oY6CoZ3, oY6DoZ1, oY6DoZ2, oY6DoZ3, oY6FoZZ, oY6GoZZ, oY6HoZ1, oY6HoZ2, oY6HoZ3, oY6JoZ1, oY6JoZ2, oY6JoZ3, oY6MoZo, oY6MoZ4, oY6MoZ5, oY6MoZ6, oY6MoZ7, oY6MoZ8, oY6MoZ9, oY6MoZB, oY6MoZC, oY6MoZD, oY6MoZF, oY6NoZo, oY6NoZ4, oY6NoZ5, oY6NoZ6, oY6NoZ7, oY6NoZ8, oY6NoZ9, oY6NoZB, oY6NoZC, oY6NoZD, oY6NoZF, oY6PoZo, oY6PoZ1, oY6PoZ2, oY6PoZ3, oY6QoZo, oY6QoZ1, oY6QoZ2, oY6QoZ3, oY6RoZo, oY6RoZ1, oY6RoZ2, oY6RoZ3, oY6SoZo, oY6SoZ1, oY6SoZ2, oY6SoZ3, oY6ToZo, oY6ToZ1, oY6ToZ2, oY6ToZ3, oY6UoZo, oY6UoZ1, oY6UoZ2, oY6UoZ3, oY6VoZo, oY6VoZ1, oY6VoZ2, oY6VoZ3, oY6WoZo, oY6WoZ1, oY6WoZ2, oY6WoZ3, oY6XoZo, oY6XoZ1, oY6XoZ2, oY6XoZ3, oY6YoZo, oY6YoZ1, oY6YoZ2, oY6YoZ3, oYQ9oZZ, oYQ93ZZ, oYQ94ZZ, oYQ9XZZ, oYQBoZZ, oYQB3ZZ, oYQB4ZZ, oYQBXZZ, oYQCoZZ, oYQC3ZZ, oYQC4ZZ, oYQCXZZ, oYQDoZZ, oYQD3ZZ, oYQD4ZZ, oYQDXZZ, oYQFoZZ, oYQF3ZZ, oYQF4ZZ, oYQFXZZ, oYQGoZZ, oYQG3ZZ, oYQG4ZZ, oYQGXZZ, oYQHoZZ, oYQH3ZZ,</p>	
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	<p>oYQH4ZZ, oYQHxZZ, oYQJoZZ, oYQJ3ZZ, oYQJ4ZZ, oYQJxZZ, oYQKoZZ, oYQK3ZZ, oYQK4ZZ, oYQKxZZ, oYQLoZZ, oYQL3ZZ, oYQL4ZZ, oYQLxZZ, oYQMoZZ, oYQM3ZZ, oYQM4ZZ, oYQMXZZ, oYQNoZZ, oYQN3ZZ, oYQN4ZZ, oYQNXZZ, oYQPoZZ, oYQP3ZZ, oYQP4ZZ, oYQPXZZ, oYQQoZZ, oYQQ3ZZ, oYQQ4ZZ, oYQQXZZ, oYQRoZZ, oYQR3ZZ, oYQR4ZZ, oYQRXZZ, oYQSoZZ, oYQS3ZZ, oYQS4ZZ, oYQSxZZ, oYQToZZ, oYQT3ZZ, oYQT4ZZ, oYQTxZZ, oYQUoZZ, oYQU3ZZ, oYQU4ZZ, oYQUXZZ, oYQVoZZ, oYQV3ZZ, oYQV4ZZ, oYQVxZZ, oYQWoZZ, oYQW3ZZ, oYQW4ZZ, oYQWxZZ, oYQXoZZ, oYQX3ZZ, oYQX4ZZ, oYQXXZZ, oYQYoZZ, oYQY3ZZ, oYQY4ZZ, oYQYxZZ, FoDZ8UZ, FoDZ8UZ, FoDZ8UZ, FoDZ8UZ, FoDZ8UZ, oXH8oYZ, oXH83YZ, oXH84YZ, oXH9oYZ, oXH93YZ, oXH94YZ, oXHBoYZ, oXHB3YZ, oXHB4YZ, oXHCoYZ, oXHC3YZ, oXHC4YZ, oXHDoYZ, oXHD3YZ, oXHD4YZ, oXHFoYZ, oXHF3YZ, oXHF4YZ, oXHGoYZ, oXHG3YZ, oXHG4YZ, oXHHoYZ, oXHH3YZ, oXHH4YZ, FoDZ8UZ, FoDZ8UZ, FoDZ8UZ, oYHCoyZ, oYHC3YZ, oYHC4YZ, oYHDoyZ, oYHD3YZ, oYHD4YZ, oYHfoYZ, oYHF3YZ, oYHF4YZ, oYHGoYZ, oYHG3YZ, oYHG4YZ, oYHHoyZ, oYHH3YZ, oYHH4YZ, oYHJoYZ, oYHJ3YZ, oYHJ4YZ, NoPCS, 3EoUoGB, 3EoU3GB, 3EoVoGB, 3EoV3GB, oPHCo8Z, oPHC38Z, oPHC48Z, oPHDo8Z, oPHD38Z, oPHD48Z, oPHFo8Z, oPHF38Z, oPHF48Z, oPHGo8Z, oPHG38Z, oPHG48Z, oPHHo8Z, oPHH38Z, oPHH48Z, oPHJo8Z, oPHJ38Z, oPHJ48Z, oPHKo8Z, oPHK38Z, oPHK48Z, oPHLo8Z, oPHL38Z, oPHL48Z, oQH6o8Z, oQH638Z, oQH648Z, oQH7o8Z, oQH738Z, oQH748Z, oQH8o8Z, oQH838Z, oQH848Z, oQH9o8Z, oQH938Z, oQH948Z, oQHBo8Z, oQHB38Z, oQHB48Z, oQHCo8Z, oQHC38Z, oQHC48Z, oQHGo8Z, oQHG38Z, oQHG48Z, oQHHo8Z, oQHH38Z, oQHH48Z, oQHJo8Z, oQHJ38Z, oQHJ48Z, oQHKo8Z, oQHK38Z, oQHK48Z, oY6PoZo, oY6PoZ1, oY6PoZ2, oY6PoZ3, oY6QoZo, oY6QoZ1, oY6QoZ2, oY6QoZ3, oY6RoZo, oY6RoZ1, oY6RoZ2, oY6RoZ3, oY6SoZo, oY6SoZ1, oY6SoZ2, oY6SoZ3, oY6ToZo, oY6ToZ1, oY6ToZ2, oY6ToZ3, oY6UoZo, oY6UoZ1, oY6UoZ2, oY6UoZ3, oY6VoZo, oY6VoZ1, oY6VoZ2, oY6VoZ3, oY6WoZo, oY6WoZ1, oY6WoZ2, oY6WoZ3, oY6XoZo, oY6XoZ1, oY6XoZ2, oY6XoZ3, oY6YoZo, oY6YoZ1, oY6YoZ2, oY6YoZ3, oY6MoZ4, oY6MoZ5, oY6MoZ6, oY6MoZ7, oY6MoZ8, oY6MoZ9, oY6MoZB, oY6MoZC, oY6MoZD, oY6MoZF, oY6NoZ4, oY6NoZ5, oY6NoZ6, oY6NoZ7, oY6NoZ8, oY6NoZ9, oY6NoZB, oY6NoZC, oY6NoZD, oY6NoZF, oY6PoZo, oY6PoZ1, oY6PoZ2, oY6PoZ3, oY6QoZo, oY6QoZ1, oY6QoZ2, oY6QoZ3, oY6RoZo, oY6RoZ1, oY6RoZ2, oY6RoZ3, oY6SoZo, oY6SoZ1, oY6SoZ2, oY6SoZ3, oY6ToZo, oY6ToZ1, oY6ToZ2, oY6ToZ3, oY6UoZo, oY6UoZ1, oY6UoZ2, oY6UoZ3, oY6VoZo, oY6VoZ1, oY6VoZ2, oY6VoZ3, oY6WoZo, oY6WoZ1, oY6WoZ2, oY6WoZ3, oY6XoZo, oY6XoZ1, oY6XoZ2, oY6XoZ3, oY6YoZo,</p>	
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	oY6YoZ1, oY6YoZ2, oY6YoZ3, oY6MoZ4, oY6MoZ5, oY6MoZ6, oY6MoZ7, oY6MoZ8, oY6MoZ9, oY6MoZB, oY6MoZC, oY6MoZD, oY6MoZF, oY6NoZ4, oY6NoZ5, oY6NoZ6, oY6NoZ7, oY6NoZ8, oY6NoZ9, oY6NoZB, oY6NoZC, oY6NoZD, oY6NoZF	
Risk Factors		
History of diabetes	Per the Elixhauser algorithm for comorbidity measures	ICD-10 Diagnosis
Diabetic nephropathy	Has a history of diabetes + R80, R80.0, R80.1, R80.2, R80.3, R80.8, R80.9	ICD-10 Diagnosis
Carotid stenosis	I62.2, I65.21, I65.22, I65.23, I65.29	ICD-10 Diagnosis
Hypertension despite treatment	Per the Elixhauser algorithm for comorbidity measures Amlodipine Besylate/Benazepril Hydrochloride, Amlodipine Besylate/HCTZ/Olmesartan Medoxomil, Amlodipine Besylate/Hydrochlorothiazide/Valsartan, Amlodipine Besylate/Olmesartan Medoxomil, Amlodipine Besylate/Telmisartan, Amlodipine Besylate/Valsartan, Azilsartan Medoxomil, Azilsartan Medoxomil/Chlorthalidone, Benazepril Hydrochloride, Benazepril Hydrochloride/Hydrochlorothiazide, Candesartan Cilexetil, Candesartan Cilexetil/Hydrochlorothiazide, Captopril, Captopril/Hydrochlorothiazide, Enalapril Maleate, Enalapril Maleate/Hydrochlorothiazide, Eprosartan Mesylate, Eprosartan Mesylate/Hydrochlorothiazide, Fosinopril Sodium, Fosinopril Sodium/Hydrochlorothiazide, Hydrochlorothiazide/Irbesartan, Hydrochlorothiazide/Lisinopril, Hydrochlorothiazide/Losartan Potassium, Hydrochlorothiazide/Moexipril Hydrochloride, Hydrochlorothiazide/Olmesartan Medoxomil, Hydrochlorothiazide/Quinapril Hydrochloride, Hydrochlorothiazide/Telmisartan, Hydrochlorothiazide/Valsartan, Irbesartan, Lisinopril, Losartan Potassium, Moexipril Hydrochloride, Olmesartan Medoxomil, Perindopril Erbumine, Quinapril Hydrochloride, Ramipril, Telmisartan, Trandolapril, Trandolapril/Verapamil Hydrochloride, Valsartan, Eplerenone, Hydrochlorothiazide/Spiroinolactone, Spiroinolactone, Acebutolol Hydrochloride, Atenolol, Atenolol/Chlorthalidone, Bendroflumethiazide/Nadolol, Betaxolol Hydrochloride, Bisoprolol Fumarate, Bisoprolol Fumarate/Hydrochlorothiazide, Carvedilol, Hydrochlorothiazide/Metoprolol Succinate, Hydrochlorothiazide/Metoprolol Tartrate, Hydrochlorothiazide/Propranolol Hydrochloride, Labetalol Hydrochloride, Metoprolol Succinate, Metoprolol Tartrate, Nadolol, Nebivolol Hydrochloride, Penbutolol Sulfate, Pindolol, Propranolol Hydrochloride, Sotalol Hydrochloride, Timolol, Aliskiren/Amlodipine Besylate, Aliskiren/Amlodipine Besylate/Hydrochlorothiazide, Amlodipine Besylate, Amlodipine Besylate/Atorvastatin Calcium, Amlodipine Besylate/Benazepril Hydrochloride, Amlodipine Besylate/HCTZ/Olmesartan Medoxomil, Amlodipine	ICD-10 Diagnosis Medication Billing Code

	<p>Besylate/Hydrochlorothiazide/Valsartan, Amlodipine Besylate/Olmesartan Medoxomil, Amlodipine Besylate/Telmisartan, Amlodipine Besylate/Valsartan, Felodipine, Isradipine, Nifedipine, Nisoldipine, Diltiazem Hydrochloride, Aliskiren/Amlodipine Besylate/Hydrochlorothiazide, Aliskiren/Hydrochlorothiazide, Amiloride Hydrochloride/Hydrochlorothiazide, Amlodipine Besylate/Hydrochlorothiazide/Valsartan, Atenolol/Chlorthalidone, Azilsartan Medoxomil/Chlorthalidone, Benazepril Hydrochloride/Hydrochlorothiazide, Bisoprolol Fumarate/Hydrochlorothiazide, Candesartan Cilexetil/Hydrochlorothiazide, Captopril/Hydrochlorothiazide, Chlorothiazide, Chlorothiazide Sodium, Chlorothiazide/Methyldopa, Chlorothiazide/Reserpine, Chlorthalidone, Chlorthalidone/Clonidine Hydrochloride, Cryptenamine/Methyclothiazide, Cryptenamine/Methyclothiazide, Deserpidine/Hydrochlorothiazide, Enalapril Maleate/Hydrochlorothiazide, Eprosartan Mesylate/Hydrochlorothiazide, Fosinopril Sodium/Hydrochlorothiazide, Guanethidine Monosulfate/Hydrochlorothiazide, Hydralazine Hydrochloride/Hydrochlorothiazide, Hydrochlorothiazide, Hydrochlorothiazide/Lisinopril, Hydrochlorothiazide/Losartan Potassium, Hydrochlorothiazide/Methyldopa, Hydrochlorothiazide/Metoprolol Succinate, Hydrochlorothiazide/Metoprolol Tartrate, Hydrochlorothiazide/Moexipril Hydrochloride, Hydrochlorothiazide/Olmesartan Medoxomil, Hydrochlorothiazide/Propranolol Hydrochloride, Hydrochlorothiazide/Quinapril Hydrochloride, Hydrochlorothiazide/Reserpine, Hydrochlorothiazide/Spironolactone, Hydrochlorothiazide/Telmisartan, Hydrochlorothiazide/Triamterene, Hydrochlorothiazide/Valsartan, Indapamide, Methyclothiazide, Metolazone, Trandolapril/Verapamil Hydrochloride, Verapamil Hydrochloride</p>	
Hypercholesterolemia treated with medication	<p>Amlodipine Besylate/Atorvastatin Calcium, Atorvastatin Calcium, Atorvastatin Calcium/Ezetimibe, Ezetimibe/Simvastatin, Fluvastatin Sodium, Lovastatin, Lovastatin/Niacin, Niacin/Simvastatin, Pitavastatin Calcium, Pravastatin Sodium, Rosuvastatin Calcium, Simvastatin, Simvastatin/Sitagliptin Phosphate, Cholestyramine, Colesevelam, Colestipol Hydrochloride, Ezetimibe, Fenofibrate, Gemfibrozil, Lomitapide Mesylate, Niacin, Omega-3-Acid Ethyl Esters</p>	Medication Billing Code
Smoker	<p>F17.20, F17.200, F17.201, F17.203, F17.208, F17.209, F17.21, F17.210, F17.211, F17.213, F17.218, F17.219, F17.29, F17.290, F17.291, F17.293, F17.298, F17.299, Z72.0</p>	ICD-10 Diagnosis

Major adverse cardiovascular events		
Myocardial infarction	I21, I21.0, I21.01, I21.02, I21.09, I21.1, I21.11, I21.19, I21.2, I21.21, I21.29, I21.3, I21.4, I22, I22.0, I22.1, I22.2, I22.8, I22.9, I23, I23.0, I23.1, I23.2, I23.3, I23.4, I23.5, I23.6, I23.7, I23.8, I25.2	ICD-10 Diagnosis
Ischemic stroke	I63	ICD-10 Diagnosis
Heart failure	I09.9, I11.0, I13.0, I13.2, I25.5, I42.0, I42.5-I42.9, I43.X, I50.X, P29.0	ICD-10 Diagnosis
Acute coronary syndrome	I200, I2109, I2111, I2119, I2129, I213, I214, I240	ICD-10 Diagnosis
Coronary artery bypass grafting	566, 567, 33510, 33511, 33512, 33513, 33514, 33516, 33517, 33518, 33519, 33520, 33521, 33522, 33523, 33525, 33528, 33530, 33533, 33534, 33535, 33536, 35600, 4110F, 75762, 75764, 75766, 75767, 93551, C9604, C9605, G8158, G8159, G8160, G8161, G8162, G8163, G8164, G8165, G8166, G8167, G8170, G8171, G8172, G8497, G8544, G8573, G8574, I2570, I25700, I25701, I25708, I25709, I2571, I25710, I25711, I25718, I25719, I2572, I25720, I25721, I25728, I25729, I2573, I25730, I25731, I25738, I25739, I2579, I25790, I25791, I25798, I25799, I25810, T82211, T82211A, T82211D, T82211S, T82212, T82212A, T82212D, T82212S, T82213, T82213A, T82213D, T82213S, T82218, T82218A, T82218D, T82218S, Z951, 0210093, 0210098, 0210099, 021009C, 021009F, 021009W, 02100A3, 02100A8, 02100A9, 02100AC, 02100AF, 02100AW, 02100J3, 02100J8, 02100J9, 02100JC, 02100JF, 02100JW, 02100K3, 02100K8, 02100K9, 02100KC, 02100KF, 02100KW, 02100Z3, 02100Z8, 02100Z9, 02100ZC, 02100ZF, 0210344, 02103D4, 0210444, 0210493, 0210499, 0210499, 021049F, 021049W, 02104A3, 02104A8, 02104A9, 02104AC, 02104AF, 02104AW, 02104D4, 02104J3, 02104J8, 02104J9, 02104JC, 02104JF, 02104JW, 02104K3, 02104K8, 02104K9, 02104KC, 02104KF, 02104KW, 02104Z3, 02104Z8, 02104Z9, 02104ZC, 02104ZF, 0211093, 0211098, 0211099, 021109C, 021109F, 021109W, 02110A3, 02110A8, 02110A9, 02110AC, 02110AF, 02110AW, 02110J3, 02110J8, 02110J9, 02110JC, 02110JF, 02110JW, 02110K3, 02110K8, 02110K9, 02110KC, 02110KF, 02110KW, 02110Z3, 02110Z8, 02110Z9, 02110ZC, 02110ZF, 0211344, 02113D4, 211444, 0211493, 0211498, 0211499, 021149C, 021149F, 021149W, 02114A3, 02114A8, 02114A9, 02114AC, 02114AF, 02114AW, 02114D4, 02114J3, 02114J8, 02114J9, 02114JC, 02114JF, 02114JW, 02114K3, 02114K8, 02114K9, 02114KC, 02114KF, 02114KW, 02114Z3, 02114Z8, 02114Z9, 02114ZC, 02114ZF, 0212093, 0212098, 0212099, 021209C, 021209F, 021209W, 02120A3, 02120A8, 02120A9, 02120AC, 02120AF, 02120AW, 02120J3, 02120J8, 02120J9, 02120JC, 02120JF, 02120JW, 02120K3, 02120K8, 02120K9, 02120KC, 02120KF, 02120KW, 02120Z3, 02120Z8, 02120Z9, 02120ZC, 02120ZF, 0212344, 02123D4, 0212444, 0212493, 0212498, 0212499, 021249C, 021249F, 021249W, 02124A3, 02124A8, 02124A9, 02124AC, 02124AF, 02124AW, 02124D4, 02124J3, 02124J8, 02124J9, 02124JC, 02124JF, 02124JW, 02124K3, 02124K8,	CPT-4 Procedure

	02124K9, 02124KC, 02124KF, 02124KW, 02124Z3, 02124Z8, 02124Z9, 02124ZC, 02124ZF, 0213093, 0213098, 0213099, 021309C, 021309F, 021309W, 02130A3, 02130A8, 02130A9, 02130AC, 02130AF, 02130AW, 02130J3, 02130J8, 02130J9, 02130JC, 02130JF, 02130JW, 02130K3, 02130K8, 02130K9, 02130KC, 02130KF, 02130KW, 02130Z3, 02130Z8, 02130Z9, 02130ZC, 02130ZF, 213344, 02133D4, 0213444, 0213493, 0213498, 0213499, 021349C, 021349F, 021349W, 02134A3, 02134A8, 02134A9, 02134AC, 02134AF, 02134AW, 02134D4, 02134J3, 02134J8, 02134J9, 02134JC, 02134JF, 02134JW, 02134K3, 02134K8, 02134K9, 02134KC, 02134KF, 02134KW, 02134Z3, 02134Z8, 02134Z9, 02134ZC, 02134ZF, 0210498, B2020ZZ, B2021ZZ, B202YZZ, B2030ZZ, B2031ZZ, B203YZZ, B212010, B2120ZZ, B212110, B2121ZZ, B212Y10, B212YZZ, B213010, B2130ZZ, B213110, B2131ZZ, B213Y10, B213YZZ, B22300Z, B2230ZZ, B22310Z, B2231ZZ, B223Y0Z, B223YZZ, B223Z2Z, B223ZZZ, B233Y0Z, B233YZZ, B233ZZZ	
Percutaneous coronary intervention	92920, 92921, 92924, 92925, 92928, 92929, 92933, 92934, 92937, 92938, 92941, 92943, 92944, 02700D6, 02700DZ, 02700T6, 02700TZ, 02700Z6, 02700ZZ, 02703D6, 02703DZ, 02703T6, 02703TZ, 02703Z6, 02703ZZ, 02704D6, 02704DZ, 02704T6, 02704TZ, 02704Z6, 02704ZZ, 02710D6, 02710DZ, 02710T6, 02710TZ, 02710Z6, 02710ZZ, 02713D6, 02713DZ, 02713T6, 02713TZ, 02713Z6, 02713ZZ, 02714D6, 02714DZ, 02714T6, 02714TZ, 02714Z6, 02714ZZ, 02720D6, 02720DZ, 02720T6, 02720TZ, 02720Z6, 02720ZZ, 02723D6, 02723DZ, 02723T6, 02723TZ, 02723Z6, 02723ZZ, 02724D6, 02724DZ, 02724T6, 02724TZ, 02724Z6, 02724ZZ, 02730D6, 02730DZ, 02730T6, 02730TZ, 02730Z6, 02730ZZ, 02733D6, 02733DZ, 02733T6, 02733TZ, 02733Z6, 02733ZZ, 02734D6, 02734DZ, 02734T6, 02734TZ, 02734Z6, 02734ZZ, C9600, C9601, C9602, C9603, C9604, C9605, C9606, C9607, C9608, 0270046, 027004Z, 0270346, 027034Z, 0270446, 027044Z, 0271046, 027104Z, 0271346, 027134Z, 0271446, 027144Z, 0272046, 027204Z, 0272346, 027234Z, 0272446, 027244Z, 0273046, 027304Z, 0273346, 027334Z, 0273446, 027344Z	CPT-4 Procedure
Major adverse limb event	00.55, 17.56, 39.50, or 39.90, 39.25, 39.26, 39.39, 84.13, 84.14, 84.15, 84.16, 84.17	ICD-9 Procedure†

*Code position and associated healthcare encounter for endpoints-of-interest are described further in the main publication text.

†Any ICD-9 codes were converted to ICD-10 using the Centers for Medicare and Medicaid Services (CMS) General Equivalence Mappings (GEMs) files available at: <https://www.cms.gov/Medicare/Coding/ICD10/2018-ICD-10-CM-and-GEMs.html> (Last accessed on November 21, 2019).