**Case / Control for CHD (Coronary Heart Disease)**

*Authors: Christianne L. Roumie; Jana Shirey-Rice, Sunil Kripalani*

*For information contact christianne.roumie@vanderbilt.edu*

**Population**:

All Patients

**Exclude**:

Current vital status = deceased (recorded DOD)

**OR**

Sex = null or unknown

**OR**

Discharge disposition = X (XFER HOSPICE MEDICAL FACI)

**OR**

Discharge disposition = 9 (HOSPICE HOME CARE)

**CASE 1**

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**2 or more ICD9 codes on separate days, and on same date as at least one outpatient CPT below**

 **ICD9s**:

* 410.\*, 412.\*, 429.7\* (Myocardial Infarction)
* 411.\*, 413.\*, 414.\*, V45.81, V45.82 (Obstructive Coronary Artery Disease)

**Outpatient CPTs**:

* [99201-99205] Office or other outpatient services; new patient
* [99211-99215] Office or other outpatient services; established patient
* [99241-99245] Consultations; office or other outpatient
* [99281-99288] Emergency department services
* [99381-99387] Preventive medicine services; new patient
* [99391-99397] Preventive medicine services; established patient
* [99401-99404] Counseling and/or risk factor reduction intervention; preventive medicine, individual
* [99411-99412] Counseling and/or risk factor reduction intervention; preventive medicine, group
* [99420-99429] Counseling and/or risk factor reduction intervention; other

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**WHERE**

[

Qualification for case definition is from 1/1/2009 - present

**AND**

Age at qualifying for case definition is ≥30 years

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**CASE 2**

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**1 or more ICD9 procedure codes for revascularization/cardiothoracic surgery:**

36.01, 36.02, 36.03, 36.05, 36.09, 36.10-36.19

**OR**

**1 or more CPT codes for revascularization/cardiothoracic surgery:**

33140, 33533-36, 33510-23, 33530, 33533-33536, 92920-92921; 92924-92925; 92928-92929; 92933-92934; 92937-92938; 92941; 92943-92944; 92980-82, 92984, 92995-6, 92974

]

**WHERE**

[

Qualification for case definition is from 1/1/2009 - present

**AND**

Age at qualifying for case definition is ≥30 years

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