

Session Name

long covid and cardiovascular quarry 1

Session Info

trying to get as many cardiovascular problems in ou
optional

Last Modified

Aug 03, 2021



Date Range ⓘ

10.31.2013



07.31.2021



Select the date range for all events in this session

Date range changed from [Oct 30, 2013 - Jul 31, 2021] to [Oct 31, 2013 - Jul 31, 2021] to meet organizational policy.



Cohort Definition

Reference Event

Yes

No



Define the reference event (e.g. the first hip fracture, the maximum blood creatinine) to set the index date for each patient. This is an inclusion criteria to which other time related events will be related.

Reference Event

Redefine Event



Event

Conditions (Comorbidities)

Get ⓘ

First

Age Range

0-120

Property



Condition

Condition

Any From List

Value ⓘ



Hierarchy Level: Condition name

Lab test positive for detection of
COVID-19 virus



Real time reverse transcriptase PCR
positive for COVID-19 virus



+ Add Filter ⓘ

Additional Inclusion Criteria

Criteria Based on Demographics ⓘ

It is optional to select additional inclusion criteria based on demographics (e.g. only males; country of birth: United States).

+ Add Demographic Filter

Criteria Based on Presence/Absence of Events ⓘ

It is optional to select additional inclusion criteria based on events within the selected date range (e.g. patients who were diagnosed with diabetes, took penicillin at least twice or had no diagnosis of kidney disease)

+ Add Event

Save & Proceed to Output Definition

Output Definition

Time Related Events

Define events in relation to the reference event you chose in the previous page (e.g. the first Insulin taken within two weeks after the reference event).

+ Add Event

Show

Q

Event Name

Reference Event

Event

Conditions (Comorbidities)

Property

Condition

Condition

Any From List

Value

Hierarchy Level: Condition name

Lab test positive for detection of COVID-19 virus
Real time reverse transcriptase PCR positive for COVID-19 virus

Get

First

When

At

Reference Event Time Property

Condition documented date (default)

Output Variables

Set the output columns for every time related event

Column Name Prefix

Reference Event

	Column Name	Property	Hierarchy Level	Function
<input checked="" type="checkbox"/>	Reference Event-Age at event	Age at event		
<input type="checkbox"/>	Reference Event-Condition	Condition	Condition name	
<input type="checkbox"/>	Reference Event-Condition category	Condition category		
<input type="checkbox"/>	Reference Event-Condition documented	Condition documented date (default date)	Date	
<input type="checkbox"/>	Reference Event-Encounter end date	Encounter end date	Date	

Show All (9)

Event Name

when did cvd occur

Event

Conditions (Comorbidities)

Property

Condition

Condition

Any From List

Value

Hierarchy Level: Condition name

Abnormal cardiovascular function
Abnormal cardiovascular function study
Arrhythmia
Arrhythmia as indication for cardiac pacemaker replacement
Arrhythmia of coronary sinus
Arrhythmia, atrial
Arrhythmia, sinus node
Arrhythmia, vagal
Arrhythmia, ventricular
Arteriosclerotic cardiovascular disease
Arteriosclerotic cardiovascular disease (ASCVD)
ASCVD (arteriosclerotic cardiovascular disease)
At high risk for cardiac arrhythmia
At risk for arrhythmia
At risk for cardiac arrhythmia
Atrial arrhythmia
Atrioventricular node arrhythmia
AV node arrhythmia
Benign atrial arrhythmia
Bradyarrhythmia
Bradycardia, pre-operative cardiovascular examination
Cardiac arrhythmia
Cardiac arrhythmia due to congenital heart disease
Cardiac arrhythmia due to premature depolarization, unspecified type
Cardiac arrhythmia, unspecified
Cardiac arrhythmia, unspecified cardiac arrhythmia type
Cardiovascular arteriosclerosis
Cardiovascular disease
Cardiovascular insufficiency
Cardiovascular symptoms
Cardiovascular syphilis
Cardiovascular system problem
CVD (cardiovascular disease)
Family history of arrhythmia
Family history of cardiac arrhythmia
Fetal arrhythmia affecting pregnancy, antepartum
Fetal arrhythmia before the onset of labor
H/O cardiac arrhythmia
History of cardiac arrhythmia
History of radiofrequency ablation (RFA) for complex left atrial arrhythmia
History of radiofrequency ablation (RFA) procedure for cardiac arrhythmia
History of radiofrequency ablation procedure for cardiac arrhythmia
Hx of cardiac arrhythmia
Hypertensive cardiovascular disease
Junctional cardiac arrhythmia
Malignant ventricular arrhythmias
Maternal arrhythmia complicating pregnancy in first trimester
Nonspecific abnormal cardiovascular function study
Nonspecific abnormal function study, cardiovascular
Other cardiac arrhythmia
Other specified cardiac arrhythmias
Other specified cardiac arrhythmias (CODE)
Paroxysmal cardiac arrhythmia
Personal history of cardiac arrhythmia
Pre-operative cardiovascular examination, bradyarrhythmia
Re-entry ventricular arrhythmia (CMS/HCC)
S/P ablation of ventricular arrhythmia
S/P ablation operation for arrhythmia
S/P radiofrequency ablation operation for arrhythmia
S/P RF ablation operation for arrhythmia
Sinus arrhythmia
Sinus arrhythmia seen on electrocardiogram
Sinus arrhythmia seen on electrocardiography
Status post ablation of ventricular arrhythmia
Status post radiofrequency ablation (RFA) operation for arrhythmia
Status post radiofrequency ablation for arrhythmia
Sudden cardiac death due to cardiac arrhythmia
Supraventricular arrhythmia
Tachyarrhythmia
Unspecified cardiovascular disease
Ventricular arrhythmia
Ventricular tachyarrhythmia (CMS/HCC)

AND

Property

Encounter type

Condition

Any From List

Value

External Hospital Admission

Pre-Admission Testing

+ Add Filter

Get

First

When

Ever (Before or ...)

Reference Event

Reference Event Time Property

Condition documented date (default)

Set the timing in relation to the Reference Event.

Current Event Time Property

optional

Units

Condition

Value

Condition

Value

				Reference Event				
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Output Variables

Set the output columns for every time related event

Column Name Prefix

when did cvd occur

	Column Name	Property	Hierarchy Level	Function
<input checked="" type="checkbox"/>	when did cvd occur-Condition document	Condition documented date (default date)	Days from Reference	
<input type="checkbox"/>	when did cvd occur-Age at event	Age at event		
<input type="checkbox"/>	when did cvd occur-Condition	Condition	Condition name	
<input type="checkbox"/>	when did cvd occur-Condition category	Condition category		
<input type="checkbox"/>	when did cvd occur-Encounter end date	Encounter end date	Days from Reference	

Show All (9)

Patient Demographic Columns

Select the demographic properties to extract for each patient

Column Name

Gender

Property

Gender

Hierarchy Level

Function

Gender

Column Name

Mortality status

Property

Mortality status

Hierarchy Level

Function

Mortality status

Column Name

Primary race

Property

Primary race

Hierarchy Level

Function

Primary race

Column Name

Ethnicity

Property

Ethnicity

Hierarchy Level

Function

Ethnicity

Column Name

Birth date

Property

Birth date (default date)

Hierarchy Level

Function

Year

Show All (6)

Result is based on the research properties: max number of patients is 1000000.

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Output Columns Filter			
Column	Column Type	Hierarchy -> Level	Filter
Gender	String		
Mortality status	String		
Primary race	String		
Ethnicity	String		
Reference Event-Age at event	Numeric		
when did cvd occur-Condition documented date-Days from Reference	String		