

Session Name

long covid and heart failure

Session Info

covid 19 and heart failure in long term

optional

Last Modified

Aug 12, 2021



Date Range ⓘ

10.31.2013



08.11.2021



Select the date range for all events in this session

Date range changed from [Oct 30, 2013 - Aug 11, 2021] to [Oct 31, 2013 - Aug 11, 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

Search

Q

Event Name

Reference Event

Event

Conditions (Comorbidities)

Property

Condition

Condition

Any From List

Value

Q

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			<div><div></div><div></div></div>
<input checked="" type="checkbox"/>	Reference Event-Condition	Condition	Condition name		<div><div></div><div></div></div>
<input checked="" type="checkbox"/>	Reference Event-Condition documented	Condition documented date (default date)	Date		<div><div></div><div></div></div>
<input type="checkbox"/>	Reference Event-Condition category	Condition category			<div><div></div><div></div></div>
<input type="checkbox"/>	Reference Event-Encounter end date	Encounter end date	Date		<div><div></div><div></div></div>
<div>▼ Show All (9) ▼</div>					

+

Add Filter

Redefine Event

Saved

Event Name

heartfailure

Event

Conditions (Comorbidities)

Property

Condition

Condition

Any From List

Value

Q

Hierarchy Level: Icd10 designation

Acute combined systolic (congestive) and diastolic (congestive) heart failure

Acute diastolic (congestive) heart failure

Acute on chronic combined systolic (congestive) and diastolic (congestive) heart failure

Acute on chronic diastolic (congestive) heart failure

Acute on chronic right heart failure

Acute on chronic systolic (congestive) heart failure

Acute right heart failure

Acute systolic (congestive) heart failure

Biventricular heart failure

Chronic combined systolic (congestive) and diastolic (congestive) heart failure

Chronic diastolic (congestive) heart failure

Chronic right heart failure

Chronic systolic (congestive) heart failure

End stage heart failure

Heart failure, unspecified

Heart transplant failure

High output heart failure

Hypertensive heart and chronic kidney disease with heart failure and stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease

Hypertensive heart and chronic kidney disease with heart failure and with stage 5 chronic kidney disease, or end stage renal disease

Hypertensive heart and chronic kidney disease without heart failure, with stage 1 through stage 4 chronic kidney disease, or unspecified chronic kidney disease

Hypertensive heart and chronic kidney disease without heart failure, with stage 5 chronic kidney disease, or end stage renal disease

Hypertensive heart disease with heart failure

Hypertensive heart disease without heart failure

Neonatal cardiac failure

Postprocedural heart failure following cardiac surgery

Postprocedural heart failure following other surgery

Rheumatic heart failure

Right heart failure due to left heart failure

Right heart failure, unspecified

Unspecified combined systolic (congestive) and diastolic (congestive) heart failure

Unspecified diastolic (congestive) heart failure

Unspecified systolic (congestive) heart failure

▼ Show less ▲

Get

First

When

Ever (Before or ...)

Reference Event

Reference Event

Reference Event Time Property

Condition documented date (default)

Set the timing in relation to the Reference Event.

Current Event Time Property

X

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

heartfailure

	Column Name	Property	Hierarchy Level	Function	
<input checked="" type="checkbox"/>	heartfailure-Age at event	Age at event			<div><div></div><div></div></div>
<input checked="" type="checkbox"/>	heartfailure-Condition	Condition	Condition name		<div><div></div><div></div></div>
<input checked="" type="checkbox"/>	heartfailure-Condition documented date	Condition documented date (default date)	Days from Reference		<div><div></div><div></div></div>
<input type="checkbox"/>	heartfailure-Condition category	Condition category			<div><div></div><div></div></div>
<input type="checkbox"/>	heartfailure-Encounter end date-Days from	Encounter end date	Days from Reference		<div><div></div><div></div></div>
<div>▼ Show All (9) ▼</div>					

### Patient Demographic Columns

Select the demographic properties to extract for each patient

Saved

	Column Name	Property	Hierarchy Level	Function	
<input checked="" type="checkbox"/>	Ethnicity	Ethnicity			<div><div></div><div></div></div>
<input checked="" type="checkbox"/>	Gender	Gender			<div><div></div><div></div></div>
<input checked="" type="checkbox"/>	Mortality status	Mortality status			<div><div></div><div></div></div>
<input checked="" type="checkbox"/>	Primary race	Primary race			<div><div></div><div></div></div>
<input type="checkbox"/>	Birth date	Birth date (default date)	Year		<div><div></div><div></div></div>
<div>▼ Show All (6) ▼</div>					

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

Next

Created: Aug 12, 2021 15:24

Output Columns Filter			
Column	Column Type	Hierarchy -> Level	Filter
Gender	String		
Mortality status	String		
Primary race	String		
Reference Event-Age at event	Numeric		
Reference Event-Condition documented date	Date		
heartfailure-Age at event	Numeric		
heartfailure-Condition documented date-Days from Reference	Numeric		