

Data Collection Worksheet

Please Note: The Data Collection Worksheet (DCW) is a tool to aid investigators to integrate the collection of PhenX measures in your study. The PhenX measures that you selected and added to your Cart are presented in the DCW in alphabetical order. The DCW includes worksheets for data collection. Variables derived from the collected data are shown in the Data Dictionary (DD) with variable names and unique PhenX variable identifiers. The collection of DCWs produced by the Toolkit is not designed as a data collection instrument. Each investigator will decide how to integrate PhenX measures into data collection for their study.

To be completed by physician who signed the death certificate and/or the patient's physician.

1. Are you familiar with the events surrounding the decedent's death?

Yes

No

2. Did you witness the death?

Yes

No

If you answered **No** to both 1 and 2, skip to end. Otherwise, continue with Item 3.

3a. Was there any pain in the chest, left arm or shoulder or jaw within 72 hours of death?

Yes

No

Uncertain

If **No** or **Uncertain**, skip to item 4.

3b. Did the pain include the chest?

Yes

No

Uncertain

3c. Did you think this pain was of a cardiac origin?

Yes

No

Uncertain

If **No**, specify what you think was the cause:

4. Was cardiopulmonary resuscitation (CPR) and/or cardioversion performed within 24 hours of death?

Yes

No

Uncertain

5. Please give time between onset of acute symptoms to death. (We are defining death as the point where spontaneous breathing ceased and the patient never recovered).

More than three days

Two - three days

One day

At least 12 hours, but less than 24 hours

At least 4 hours, but less than 12 hours

At least 1 hour, but less than 4 hours

Less than 1 hour

Death instantaneous, no symptoms

Unknown

6. Would you classify the decedent's cause of death as due to Coronary Heart Disease (CHD)?

Yes

No

Uncertain

To be abstracted from patient's hospital medical records.

7. Location of death:

- Out-of-Hospital
- Emergency Room (not dead on arrival- DOA)
- In Hospital
- Nursing Home, Skilled Nursing Facility (SNF), or Extended Care Facility (ECF)
- Other, specify:

8. Was the death witnessed?

- Yes
- No
- Unknown

9. Multi-Ethnic Study of Atherosclerosis (MESA) classification of underlying cause of death (choose one)

- Atherosclerotic coronary heart disease (complete questions 10, 11 and 12 only)
- Stroke (skip to end)
- Atherosclerotic disease other than coronary disease or stroke (specify):
_____ (complete question 12 only)
- Other cardiovascular disease, not defined above
(specify):_____ (complete question 12 only)
- Non-cardiovascular disease (specify):_____ (skip to end)
- Unknown because death certificate unavailable (skip to end)

10. Type of fatal coronary heart disease:

- Definite fatal myocardial infarction (MI) (no known non-atherosclerotic cause and definite myocardial infarction within 4 weeks of death)
- Definite fatal coronary heart disease (CHD) (no known non-atherosclerotic cause, and one or both of the following: chest pain within 72 hours of death or a history of chronic ischemic heart disease)

Possible fatal coronary heart disease (CHD) (no known non-atherosclerotic cause, and death certificate underlying cause: I20-25, I46, I51.6, R96 or R98-99)

11. Estimated time between onset of acute cardiac symptoms and death:

- Less than five minutes
- five minutes to one hour
- one hour to 24 hours
- More than 24 hours
- Unknown

12. Mechanism of death in patients dying of cardiovascular causes (check all that apply):

- Primary arrhythmic death (death <5 minutes without preceding symptoms of ischemia or heart failure)
- Secondary arrhythmic/mechanical death (death with preceding symptoms of ischemia or heart failure, but not directly due to shock or low output state)
- Congestive heart failure (CHF) (death due to shock or low output state, including prerenal azotemia)
- Cardiac procedure such as coronary artery bypass graft (CABG) or angioplasty
- Hemorrhage from thrombolytic therapy
- Other (specify): _____
- Unknown or Uncertain

Protocol source: <https://www.phenxtoolkit.org/protocols/view/40701#Source>