

Workflow: The CVD risk assessment is done as part of clinical care. Once the tool is implemented in the electronic health record, it takes the clinician less than 1 minute to do the assessment and receive a score. The workflow may need to be adjusted at sites that administer the risk assessment and calculate the risk score manually.

Provider Workflow for Tool Use

PROCESS STEP 1

In the EHR, a reminder to complete risk assessment for patients with the CVD algorithm appears as a banner on the patient chart's sidebar at a pregnant or postpartum office visit. Data that are already in the chart (vital signs, risk factors) will auto populate. The clinician has the option to correct pre-populated data fields.

Manual: The patient presents for the Obstetrical Emergency Department for an evaluation.

01

PROCESS STEP 2

The clinician has the option to mark all self-reported symptoms as negative with one click if the patient does not report any of the items.

Manual: The CVD is fill out by a registered nurse as a hard stop.

02

PROCESS STEP 4

Once all items are completed, the algorithm will automatically output the calculated risk into three categories: at risk for cardiovascular disease, not at risk, or possible risk for cardiovascular disease.

Manual: The nurse notifies th clinician or flags the chart if patient has positive risk assessment.

04

03

The clinician must manually input the substance abuse items and the physical exam items based on their exam at that office visit.

PROCESS STEP 3

05

Follow up varies by algorithm result:

- *Not at risk or possible risk* for cardiovascular disease, the tool closes.
- *At risk* for cardiovascular disease, a sidebar banner instructs the current or a future clinician to follow up.

The clinician may choose any of the recommended follow-ups based on their patient's condition. Once the follow-up smartest is signed, the follow-up orders are placed, and the algorithm is completed.

Manual: The provider is asked to place additional orders per protocol.

06

The clinician completes the algorithm by signing in the EHR. Only records with a calculated risk and clinician signature are considered to have CVD risk assessment completed.

Manual: The CVD data and sorts are downloaded by clinician. Thereafter, positive risk assessments are reviewed by hand for follow up

PROCESS STEP 6

PROCESS STEP 5