LOINC Code	Severe Obesity Complications		
Long Common Name	Severe Obesity Complications	LOINC Answer Number	LL1000
Status	Active	Version	VAHC1100 TAHC1612 DMW1100 CMS1750 v2
Last Revision	Tue, Apr 02, 2019		
Last Revision Comment	Initial Release, Effective Date Jan. 1, 2019		
Description	Severe Obesity Complications		
Purpose	Quality Measure Reporting		
Related Concepts	Values for Measure of Reduced Services (CMS)		
Related Concepts	Severe Obesity Health Services Complications Value Set for Centers Medicare and Medicaid		
Value Sets	Severe Joint pain/ diabetic complications/ other/ stuck during the treatment/ delivery hospitalization		
Value Sets	Severe Obesity Complications Value Set for Centers Medicare and Medicaid		
Value Set Expansion	Severe Joint pain/ diabetic complications/ other/ stuck during the treatment/ delivery hospitalization		
Value Set Expansion

```
  where exists ( TwentyWeeksPlusEncounter.diagnoses EncounterDiagnoses
      where EncounterDiagnoses.code in "Obstetrical VTE"
        and EncounterDiagnoses.presentOnAdmissionIndicator in "Present On Admission = Yes or Exempt"
  )
```

Risk Variable Other Preeclampsia

```
"Delivery Encounters At Greater than or Equal to 20 Weeks Gestation" TwentyWeeksPlusEncounter
  where exists ( TwentyWeeksPlusEncounter.diagnoses EncounterDiagnoses
      where EncounterDiagnoses.code in "Other Preeclampsia"
        and EncounterDiagnoses.presentOnAdmissionIndicator in "Present On Admission = Yes or Exempt"
  )
```

Risk Variable Placenta Previa

```
"Delivery Encounters At Greater than or Equal to 20 Weeks Gestation" TwentyWeeksPlusEncounter
  where exists ( TwentyWeeksPlusEncounter.diagnoses EncounterDiagnoses
      where EncounterDiagnoses.code in "Placenta Previa"
        and EncounterDiagnoses.presentOnAdmissionIndicator in "Present On Admission = Yes or Exempt"
  )
```

Risk Variable Placental Abruption

```
"Delivery Encounters At Greater than or Equal to 20 Weeks Gestation" TwentyWeeksPlusEncounter
  where exists ( TwentyWeeksPlusEncounter.diagnoses EncounterDiagnoses
      where EncounterDiagnoses.code in "Placental Abruption"
        and EncounterDiagnoses.presentOnAdmissionIndicator in "Present On Admission = Yes or Exempt"
  )
```

Risk Variable Placental Accreta Spectrum

```
"Delivery Encounters At Greater than or Equal to 20 Weeks Gestation" TwentyWeeksPlusEncounter
  where exists ( TwentyWeeksPlusEncounter.diagnoses EncounterDiagnoses
      where EncounterDiagnoses.code in "Placental Accreta Spectrum"
        and EncounterDiagnoses.presentOnAdmissionIndicator in "Present On Admission = Yes or Exempt"
  )
```

Risk Variable Preexisting Diabetes

```
"Delivery Encounters At Greater than or Equal to 20 Weeks Gestation" TwentyWeeksPlusEncounter
  where exists ( TwentyWeeksPlusEncounter.diagnoses EncounterDiagnoses
      where EncounterDiagnoses.code in "Preexisting Diabetes"
        and EncounterDiagnoses.presentOnAdmissionIndicator in "Present On Admission = Yes or Exempt"
  )
```

Risk Variable Preterm Birth

```
//CGA = Calculated Gestational Age.  EGA = Estimated Gestational Age.
( PCMaternal."Delivery Encounter with Age Range" DeliveryEncounter
    let CGA: PCMaternal."CalculatedGestationalAge" ( DeliveryEncounter ),
    EGA: PCMaternal."LastEstimatedGestationalAge" ( DeliveryEncounter )
    where CGA in Interval[20, 36]
      or ( CGA is null
          and ( EGA >= 20 weeks
              and EGA <= 36 weeks
            )
      )
)
  union ( PCMaternal."Delivery Encounter with Age Range" DeliveryEncounter
      let CGA: PCMaternal."CalculatedGestationalAge" ( DeliveryEncounter ),
      EGA: PCMaternal."LastEstimatedGestationalAge" ( DeliveryEncounter )
      where CGA is null
        and EGA is null
        and exists ( DeliveryEncounter.diagnoses EncounterDiagnoses
            where EncounterDiagnoses.code in "Preterm Birth"
              and EncounterDiagnoses.presentOnAdmissionIndicator in "Present On Admission = Yes or Exempt"
        )
  )
```

Risk Variable Previous Cesarean

```
"Delivery Encounters At Greater than or Equal to 20 Weeks Gestation" TwentyWeeksPlusEncounter
  where exists ( TwentyWeeksPlusEncounter.diagnoses EncounterDiagnoses
      where EncounterDiagnoses.code in "Previous Cesarean"
        and EncounterDiagnoses.presentOnAdmissionIndicator in "Present On Admission = Yes or Exempt"
  )
```

Risk Variable Pulmonary Hypertension

```
"Delivery Encounters At Greater than or Equal to 20 Weeks Gestation" TwentyWeeksPlusEncounter
  where exists ( TwentyWeeksPlusEncounter.diagnoses EncounterDiagnoses
      where EncounterDiagnoses.code in "Pulmonary Hypertension"
        and EncounterDiagnoses.presentOnAdmissionIndicator in "Present On Admission = Yes or Exempt"
  )
```

Risk Variable Renal Disease

```
"Delivery Encounters At Greater than or Equal to 20 Weeks Gestation" TwentyWeeksPlusEncounter
  where exists ( TwentyWeeksPlusEncounter.diagnoses EncounterDiagnoses
      where EncounterDiagnoses.code in "Renal Disease"
        and EncounterDiagnoses.presentOnAdmissionIndicator in "Present On Admission = Yes or Exempt"
  )
```

Risk Variable Severe Preeclampsia

```
"Delivery Encounters At Greater than or Equal to 20 Weeks Gestation" TwentyWeeksPlusEncounter
  where exists ( TwentyWeeksPlusEncounter.diagnoses EncounterDiagnoses
      where EncounterDiagnoses.code in "Severe Preeclampsia"
        and EncounterDiagnoses.presentOnAdmissionIndicator in "Present On Admission = Yes or Exempt"
  )
```

Risk Variable Substance Abuse

```
"Delivery Encounters At Greater than or Equal to 20 Weeks Gestation" TwentyWeeksPlusEncounter
  where exists ( TwentyWeeksPlusEncounter.diagnoses EncounterDiagnoses
      where EncounterDiagnoses.code in "Substance Abuse"
        and EncounterDiagnoses.presentOnAdmissionIndicator in "Present On Admission = Yes or Exempt"
  )
```

Risk Variable Thyrotoxicosis

```
"Delivery Encounters At Greater than or Equal to 20 Weeks Gestation" TwentyWeeksPlusEncounter
  where exists ( TwentyWeeksPlusEncounter.diagnoses EncounterDiagnoses
      where EncounterDiagnoses.code in "Thyrotoxicosis"
        and EncounterDiagnoses.presentOnAdmissionIndicator in "Present On Admission = Yes or Exempt"
  )
```