

OB Hemorrhage Bundle: Outcome Metrics

O1: Severe Maternal Morbidity	Denominator: All mothers during their birth admission, exclude ectopics and miscarriages Numerator: Among the denominator, all cases with any SMM code
O2: Severe Maternal Morbidity (excluding transfusion codes)	Denominator: All mothers during their birth admission, exclude ectopics and miscarriages Numerator: Among the denominator, all cases with any non-transfusion (99.0x) SMM code
O3: Severe Maternal Morbidity among Hemorrhage Cases	Denominator: All mothers during their birth admission, exclude ectopics and miscarriages, meeting one of the following criteria: <ul style="list-style-type: none"> • Presence of an Abruption, Placenta Previa or Antepartum hemorrhage (641.xx) diagnosis code • Presence of transfusion procedure code (99.0x) without also having a sickle cell diagnosis code (282.6x) • Presence of a Postpartum hemorrhage diagnosis code (666.xx) Numerator: Among the denominator, all cases with any SMM code
O4: Severe Maternal Morbidity (excluding transfusion codes) among Hemorrhage Cases	Denominator: All mothers during their birth admission, exclude ectopics and miscarriages, meeting one of the following criteria: <ul style="list-style-type: none"> • Presence of an Abruption, Placenta Previa or Antepartum hemorrhage (641.xx) diagnosis code • Presence of transfusion procedure code (99.0x) without also having a sickle cell diagnosis code (282.6x) • Presence of a Postpartum hemorrhage diagnosis code (666.xx) Numerator: Among the denominator, all cases with any non-transfusion (99.0x) SMM code

OB Hemorrhage Bundle: Process Metrics

<p>P1: Unit Drills</p>	<p>Report estimate in 10% increments (round up) Report # of Drills and the drill topics How many OB drills (In Situ and/or Sim Lab) were performed on your unit in this quarter for any maternal safety topic? What topics were covered in the OB drills this quarter?</p>
<p>P2: Provider Education</p>	<p>Report estimate in 10% increments (round up) What cumulative percent of OB physicians and midwives have completed an education program on hemorrhage (within the last 2 years) that includes teaching on the Hemorrhage bundle and the unit-standard protocol?</p>
<p>P3: Nursing Education</p>	<p>Report estimate in 10% increments (round up) What cumulative percent of OB nurses have completed an education program on hemorrhage (within the last 2 years) that includes teaching on the Hemorrhage bundle and the unit-standard protocol?</p>
<p>P4: Risk Assessment</p>	<p>Report estimate in 10% increments (round up) What percent of women who gave birth during this quarter had a hemorrhage risk assessment recorded in the medical record prior to giving birth?</p>
<p>P5: Quantified Blood Loss</p>	<p>Report estimate in 10% increments (round up) What percent of women who gave birth had formal measurement of cumulative blood loss from the time they gave birth through the recovery period recorded in the medical record during this quarter?</p>

OB Hemorrhage Bundle: Structure Metrics

S1: Patient, Family & Staff Support	Report Completion Date Has your hospital developed OB specific resources and protocols to support patients, family and staff through major OB complications?
S2: Debriefs	Report Start Date Has your hospital established a system in your hospital to perform regular formal debriefs after cases with major complications?
S3: Multidisciplinary Case Reviews	Report Start Date Has your hospital established a process to perform multidisciplinary systems-level reviews on all cases of severe maternal morbidity (including women admitted to the ICU or receiving ≥ 4 units RBC transfusions)?
S4: Hemorrhage Cart	Report Completion Date Does your hospital have OB hemorrhage supplies readily available, typically in a cart or mobile box?
S5: Unit Policy and Procedure	Report Completion Date Does your hospital have an OB hemorrhage policy and procedure (reviewed and updated in the last 2-3 years) that- <ul style="list-style-type: none"> ● Provides a unit-standard approach using a stage-based management plan with checklists ● Ensures availability to OB hemorrhage supplies at all times
S6: EHR Integration	Report Completion Date Were some of the recommended OB Hemorrhage bundle processes (i.e. order sets, tracking tools) integrated into your hospital's Electronic Health Record system?