

New York State Perinatal Quality Collaborative

Obstetrical Improvement Measures

Goal: Assure that all initiation of labor or caesarean sections on women of 36 0/7 to 38 6/7 weeks gestation who are not in labor occur only when obstetrically or medically indicated.

Desired Change: Reduction of scheduled deliveries performed without appropriate indication for pregnant women of 36 0/7 to 38 6/7 weeks gestation.

Outcome Measures (1-4):

1. Percent of scheduled inductions of labor at 36 0/7 to 38 6/7 weeks gestation without documentation of listed maternal or fetal reason.

Measure 1a =
$$\frac{\text{Number of scheduled inductions of labor at 36 0/7 to 38 6/7 weeks gestation without documentation of listed maternal or fetal reason}}{\text{All scheduled deliveries of infants between 36 0/7 to 38 6/7 weeks gestation}}$$

Measure 1b =
$$\frac{\text{Number of scheduled inductions of labor at 36 0/7 to 38 6/7 weeks gestation without documentation of listed maternal or fetal reason}}{\text{All scheduled inductions of infants between 36 0/7 to 38 6/7 weeks gestation}}$$

2. Percent of scheduled caesarean sections at 36 0/7 to 38 6/7 weeks gestation without documentation of listed maternal or fetal reason.

Measure 2a =
$$\frac{\text{Number of scheduled C-sections at 36 0/7 to 38 6/7 weeks gestation without documentation of listed maternal or fetal reason}}{\text{All scheduled deliveries of infants between 36 0/7 to 38 6/7 weeks gestation}}$$

Measure 2b =
$$\frac{\text{Number of scheduled C-sections at 36 0/7 to 38 6/7 weeks gestation without documentation of listed maternal or fetal reason}}{\text{All scheduled C-sections of infants between 36 0/7 to 38 6/7 weeks gestation}}$$

Measure 2c =
$$\frac{\text{Number of scheduled primary C-sections at 36 0/7 to 38 6/7 weeks gestation without documentation of listed maternal or fetal reason}}{\text{All scheduled C-sections of infants between 36 0/7 to 38 6/7 weeks gestation}}$$

Measure 2d =
$$\frac{\text{Number of scheduled primary C-sections at 36 0/7 to 38 6/7 weeks gestation without documentation of listed maternal or fetal reason}}{\text{Scheduled primary C-sections of infants between 36 0/7 to 38 6/7 weeks gestation}}$$

3. Percent of all scheduled deliveries at 36 0/7 to 38 6/7 weeks gestation without documentation of listed maternal or fetal reason.

Measure 3 =
$$\frac{\text{Number of all scheduled deliveries at 36 0/7 to 38 6/7 weeks gestation without documentation of listed maternal or fetal reason}}{\text{All scheduled deliveries of infants between 36 0/7 to 38 6/7 weeks gestation}}$$

Desired Change: Reduction in the number of scheduled deliveries at 36 0/7 to 38 6/7 weeks gestation who required more than normal nursery care.

4. Percent of infants delivered by scheduled delivery at 36 0/7 to 38 6/7 weeks gestation who were admitted to the NICU for at least 4 hours.

Measure 4 = Number of infants delivered by scheduled delivery at 36 0/7 to 38 6/7 weeks gestation
who were admitted to the NICU for at least 4 hours

Total number of infants born by scheduled delivery at 36 0/7 to 38 6/7 weeks gestation

Desired Change: Increased education of women of the risks and benefits of scheduled delivery at 36 0/7 to 38 6/7 weeks gestation.

Process Measures (5-7):

Desired Change: Increased education of women of the risks and benefits of scheduled delivery at 36^{0/7} to 38^{6/7} weeks gestation.

5. Percent of women informed about the maternal and fetal risks and benefits of scheduled delivery at 36 0/7 – 38 6/7 weeks documented in the medical record.

Measure 5 = Number of mothers informed, with documentation in medical record, of risks and
benefits of scheduled deliveries at 36 0/7 to 38 6/7 weeks

Total number of scheduled deliveries at 36 0/7 to 38 6/7 weeks

Desired Change: Increased documentation of gestational age in chart.

6. Percent of scheduled deliveries at 36 0/7 to 38 6/7 weeks that have documentation in the medical record of gestational age using any criteria.

Measure 6 = Number of scheduled deliveries at 36 0/7 to 38 6/7 weeks gestation where gestational age was
documented in the chart using any criteria

Total number of scheduled deliveries at 36 0/7 to 38 6/7 weeks

Desired Change: Increased documentation of optimal verification of gestational age

7. Percent scheduled deliveries between 36 0/7 to 38 6/7 weeks gestation with documentation that meets optimal criteria of gestational age assessment.

Measure 7 = Number of scheduled deliveries in women at 36 0/7 to 38 6/7 weeks gestation for which there is documentation of data that confirmed or established due date AND for which one of the following methods that are considered to be optimal was checked: 1) First or second trimester ultrasound < 20 weeks; or 2) Fetal heart tones documented for 30 weeks by Doppler ultrasonography; or 3) 36 weeks since positive serum/urine human chorionic gonadotropin pregnancy test result

Total number of scheduled deliveries at 36 0/7 to 38 6/7 weeks gestation

Balancing Measure:

8. Number of stillbirths per 1000 deliveries of infants at 36^{0/7} to 38^{6/7} weeks gestation

Measure 8 = $\frac{\text{Number of stillborn infants to women 36 0/7 to 38 6/7 weeks gestation-}}{\text{Total infants born alive at 36}^{0/7} \text{ to 38}^{6/7} \text{ weeks gestation PLUS}} \times 1000$
number of stillbirths of infants of 36^{0/7} to 38^{6/7} weeks gestation

Outcome Measures (9-10):

9. Percent of all scheduled deliveries at 36 0/7 to 38 6/7 weeks gestation without fetal lung maturity documented by amniocentesis.

Measure 9= $\frac{\text{Number of scheduled deliveries at 36 0/7 to 38 6/7 weeks gestation without}}{\text{All scheduled deliveries of infants between 36 0/7 and 38 6/7 weeks gestation}}$
documented fetal lung maturity

10. Percent of all deliveries induced at 36 0/7 to 38 6/7 weeks gestation without documentation of a Bishop Score

Measure 10a = $\frac{\text{Number of scheduled deliveries induced at 36 0/7 to 38 6/7 weeks gestation}}{\text{All induced scheduled deliveries of infants between 36 0/7 to 38 6/7 weeks gestation}}$
without a documented Bishop Score

Measure 10b = $\frac{\text{Number of scheduled deliveries induced at 36 0/7 to 38 6/7 weeks gestation}}{\text{All induced scheduled deliveries of infants between 36 0/7 to 38 6/7 weeks gestation with a}} \times 100$
with a documented Bishop Score and cervical status 8 or greater for a primigravida birth mother or 6 or greater for a multigravida birth mother

Measure 10c = $\frac{\text{Number of scheduled deliveries induced at 36 0/7 to 38 6/7 weeks gestation with a}}{\text{All induced scheduled deliveries of infants between 36 0/7 to 38 6/7 weeks gestation with a}} \times 100$
documented Bishop Score and criteria of cervical status 8 or greater for a primigravida birth mother or 6 or greater for a multigravida birth mother not met