

BUNDLE | Opioid Use Disorder (Required National Measures) - please see Glossar

Outcome Measures (O)	Description	Data Source	Frequency	Notes
O1: Pregnancy Associated Opioid Deaths	Denominator: Number of women delivering in that year Numerator: Among the denominator, those with opioid related death within 1 year of delivery	State Data	Annually	<i>Maybe consistently delayed by 1-2 years based on state data availability</i>
O2: Average length of stay for newborns¹ with Neonatal Abstinence Syndrome (NAS)²	Denominator: Number of newborns ≥35 weeks gestation diagnosed with NAS Numerator: Among the denominator, total number of hospital days	Hospital Data Form/ State Data and ICD 10 code/ Linked LOS P96.1 Neonatal withdrawal symptoms from maternal use of drugs of addiction	Annually	
Process Measures (P)	Description	Data Source	Frequency	Notes
P1: Percent of women with OUD³ during pregnancy who receive medication assisted treatment MAT⁴ or behavioral health treatment	Denominator: Women with OUD Numerator: Among the denominator, those who received MAT or behavioral treatment during pregnancy	Hospital data form	Quarterly	<i>ACOG currently recommends MAT for Opioid using pregnant women and does not recommend detox. Discussion about alternative treatment courses and women who may use MAT at some point in pregnancy, but not at delivery create differences in approach to this measure</i> <i>Optional- may specify prescribed and non-prescribed opioid type</i> AIM Bundle: Response

P2: Percent of OEN⁵ receiving mother's milk at newborn discharge⁶	Denominator: Number of OEN ≥35 weeks gestation Numerator: Among the denominator, those receiving some mother's milk at the time of discharge	Hospital data form P96.1 Neonatal withdrawal symptoms from maternal use of drugs of addiction P04.49 Newborn affected by maternal use of other drugs of addiction P04.14 Newborn affected by maternal use of opiates (new in October 2018) AND Maternal codes for Opioid abuse, dependency, or use: F11.xx	Quarterly	<i>100% is not the goal; there are circumstances in which mother's milk is contraindicated</i> AIM Bundle: Response
P3: Percent of OEN⁵ who go home to biological mother	Denominator: Number of OEN ≥35 weeks gestation Numerator: Among the denominator, those who are discharged to biological mother	Hospital data form P96.1 Neonatal withdrawal symptoms from maternal use of drugs of addiction P04.49 Newborn affected by maternal use of other drugs of addiction P04.14 Newborn affected by maternal use of opiates (new in October 2018) AND Maternal codes for Opioid abuse, dependency, or use: F11.xx	Quarterly	<i>Consulting safe plans of care and other child welfare policies. Highlight success of plan with mothers who engage in treatment.</i> <i>Sites may collect other discharge dispositions to define this measure</i> <i>100% is not the goal; there are circumstances in which discharge to biological mother is contraindicated</i> AIM Bundle: Response
Structure Measures (S)	Description	Data Source	Frequency	Notes

S1: Percent of Prenatal Care Sites which have implemented a universal screening⁷ protocol for OUD	Denominator: Number of PNC sites associated with delivery sites Numerator: Among the denominator, those sites using universal screening for OUD with all pregnant patients	Hospital/PNC Site Survey	annually	<i>This will include SBIRT, linkage to care, brief intervention, and referral PNC sites includes provider groups, delivery sites</i> <i>AIM Bundle: Recognition & Prevention</i>
S2: Percent of delivery sites using post-delivery and discharge pain management prescribing practices for routine vaginal and cesarean births focused on limiting opioid prescription	Denominator: Total delivery sites Numerator: Among the denominator, those sites with guidelines for pain management prescriptions in line with safe prescribing practices	State or hospital survey entered into AIM data portal	annually (one time for site)	<i>Focus on reduction in unnecessary opioid prescriptions after delivery and on primary prevention of OUD</i> <i>Guidelines may include:</i> <ul style="list-style-type: none"> ● <i>Policy statements on the importance of decreasing opioid prescription</i> ● <i>Template or order set with limited use of opioids</i> <i>AIM Bundle: Readiness</i>
S3: Percent of delivery sites with OUD specific pain management and opioid prescribing guidelines	Denominator: Total delivery sites Numerator: Among the denominator, those sites with OUD specific pain management including opioid prescribing guidelines	Hospital survey	annually (one time for site)	<i>Guidelines should include:</i> <ul style="list-style-type: none"> ● <i>Respect for a mother's request to not have pain medication</i> ● <i>Access to sufficient medication to manage pain in relation to preexisting pain management plan of care</i> <i>Protocol/policy/guidelines/order sets all pertaining to patients with OUD are considered relevant for this measure</i> <i>AIM Bundle: Readiness</i>
State Surveillance (SS) Measures				
SS1: Percent of newborns diagnosed as affected by maternal use of opiates	Denominator: Number of newborns Numerator: Among the denominator, those diagnosed as affected by maternal use of opiates	Clinical Criteria from Hospital Data/ State Data and ICD 10 code P96.1 Neonatal withdrawal symptoms from maternal use of drugs of addiction P04.49 Newborn affected by maternal use of other drugs of addiction P04.14 Newborn affected by maternal use of opiates (new in October 2018)	Annually	<i>short term goal is not to decrease these; improved screening will likely result in increase</i>

SS2: Percent of newborns diagnosed with NAS	Denominator: Number of newborns Numerator: Among the denominator, those diagnosed with NAS	Hospital Data Form/ State Data and ICD 10 code P96.1 Neonatal Withdrawal Symptoms from Maternal Use of Opioids	Annually	<i>short term goal is not to decrease these; improved screening will likely result in increase</i> <i>SS2 is a subset of SS1</i>
GLOSSARY				
TERM	DEFINITION			
1. Newborn	Infant admitted at 0 days old, transfer admission up to 1 week old, or readmission from home/ER/clinic up to 1 week old			
2. Neonatal Abstinence Syndrome (NAS)	Refer to ICD 10 Code P96.1 Neonatal Withdrawal Symptoms from Maternal Use of Drugs of Addiction			
3. Opioid Use Disorder (OUD)/ Pregnant Woman with Opioid Use Disorder	Clinical Criteria: All women delivering at your hospital with: <ul style="list-style-type: none"> • positive self-report screen or positive opioid toxicology screen during pregnancy and assessed to have OUD, or • Patient endorses or reports misuse of opioids / opioid use disorder, or • using non-prescribed opioids during pregnancy, or • using prescribed opioids chronically for longer than a month in the third trimester, 			
4. Medication Assisted Treatment (MAT)	Medication Assisted Treatment (MAT): the use of FDA- approved medications, in combination with counseling and behavioral therapies, to provide a “whole-patient” approach to the treatment of substance use disorders (SAMHSA, 2018)			

5. Opioid Exposed Newborn (OEN)	<p>Clinical Criteria: All infants of mothers with opioid use disorder if mother has:</p> <ul style="list-style-type: none"> • positive self-report screen or positive opioid toxicology screen during pregnancy and assessed to have OUD, or • Patient endorses or reports misuse of opioids / opioid use disorder, or • using non-prescribed opioids during pregnancy, or • using prescribed opioids chronically for longer than a month in the third trimester, or • if newborn has an unanticipated positive neonatal cord, urine, or meconium screen for opioids. • if newborn affected by maternal use of opioids including NAS <p><i>Using ICD-10 data will not be as accurate as clinical criteria above and will require a linkage of mother and baby discharge codes for best estimate and so is not recommended for routine use.</i></p> <p>Both infant and maternal codes would be required:</p> <p>Newborn affected by maternal use of opiates P96.1 Neonatal withdrawal symptoms from maternal use of drugs of addiction P04.49 Newborn affected by maternal use of other drugs of addiction P04.14 Newborn affected by maternal use of opiates (new in October 2018)</p> <p>And Maternal codes for Opioid abuse, dependency, or use: F11.xx</p>			
6. Mother's milk at discharge	Mother's Milk at Discharge: Any ongoing plan for use of some mother's milk after discharge			
7. Screening	Screening: Verbal and written questions regarding opiate use. Screening tests include NIDA, 4Ps, 5Ps and others; refer to AIM screening tool guide			
8. Testing	A biologic test of serum, urine, hair for presence of opioids			
9. Ongoing Opioid Use Disorder (OUD) Training	Structured education completed every 2 years			