

### Maternal Suicide and Risk Assessment Toolkit



#### **KEY FACTS**

- Suicide and overdose combined are the leading cause of maternal death in the first year following childbirth.
- Suicide accounts for up to 20% of maternal deaths that occur during the postpartum period.<sup>2</sup> Peak incidence is in the late postpartum period (9–12 months).<sup>3</sup>

#### RISK FACTORS 4.5

Previous suicide attempt

History of abuse

Unplanned pregnancy

Substance use disorder

Personal or family history of mental health disorders

Mental health conditions are the most common complications of pregnancy and childbirth<sup>6</sup> and **85% of cases** go without treatment.<sup>7</sup>

A study in Massachusetts<sup>8</sup> found that **50% of new mothers who completed suicide** had a documented mental health diagnosis.

Women of color have **higher rates of perinatal depression** and are less likely to receive treatment.<sup>9</sup>

# PERINATAL MOOD AND ANXIETY DISORDERS (PMADS) Depression Anxiety Panic Disorder Bipolar Disorder Obsessive Compulsive Disorder Post Traumatic Stress Disorder Postpartum Psychosis

- 1. Kimmel, M. (2020). Maternal Mental Health MATTERS. North Carolina Medical Journal, 81(1), 45. https://doi.org/10.18043/ncm.81.1.45
- 2. Campbell, J., Matoff-Stepp, S., Velez, M. L., Cox, H. H., & Laughon, K. (2021). Pregnancy-Associated Deaths from Homicide, Suicide, and Drug Overdose: Review of Research and the Intersection with Intimate Partner Violence. Journal of women's health (2002), 30(2), 236–244. https://doi.org/10.1089/jwh.2020.8875
- 3. Grigoriadis, S., Wilton, A. S., Kurdyak, P. A., Rhodes, A. E., VonderPorten, E. H., Levitt, A., Cheung, A., & Vigod, S. N. (2017). Perinatal suicide in Ontario, Canada: a 15-year population-based study. CMAJ: Canadian Medical Association journal = journal de l'Association medicale canadienne, 189(34), E1085–E1092. https://doi.org/10.1503/cmaj.170088
- 4. Gelaye, B., Kajeepeta, S., & Williams, M. A. (2016). Suicidal ideation in pregnancy: an epidemiologic review. Archives of women's mental health, 19(5), 741–751. https://doi.org/10.1007/s00737-016-0646-0
- 5. Mangla, K., Hoffman, M. C., Trumpff, C., O'Grady, S., & Monk, C. (2019). Maternal self-harm deaths: an unrecognized and preventable outcome. American journal of obstetrics and gynecology, 221(4), 295-303.
- 6. Centers for Disease Control and Prevention. (2020, May 15). Vital signs: Postpartum depressive symptoms and provider discussions about Perinatal Depression United States, 2018. Centers for Disease Control and Prevention. Retrieved October 21, 2022, from https://www.cdc.gov/mmwr/volumes/69/wr/mm6919a2.htm?s\_cid=mm6919a2\_w
- 7. Cox, E. Q., Sowa, N. A., Meltzer-Brody, S. E., & Gaynes, B. N. (2016). The perinatal depression treatment cascade: baby steps toward improving outcomes. The Journal of clinical psychiatry, 77(9), 20901.
- 8. Buxton, Beth (2017). Maternal Mental Health and Pregnancy Associated Deaths. Massachusetts Department of Public Health. https://www.mass.gov/doc/maternal-mental-health-pregnancy-associated-deaths-0/download
- 9. Trost, S., Beauregard, J., Chandra, G., Njie, F., Harvey, A., Berry, J., & Goodman, D. A. (2022). Pregnancy-Related Deaths Among American Indian or Alaska Native Persons: Data from Maternal Mortality Review Committees in 36 US States, 2017–2019. CDC Division of Reproductive Health.

## UNDERSTANDING INTRUSIVE THOUGHTS

**Intrusive thoughts** are a common symptom of perinatal anxiety. Sometimes suicidal ideation is an intrusive thought for perinatal patients and does not represent intent.

Intrusive thoughts can be difficult to assess and distinguish from higher-risk symptoms of psychosis.

**Examples of Intrusive Thoughts:** 

"What if I drop the baby?"

# UNDERSTANDING SUICIDAL IDEATION

**Suicidal Ideation** is used to describe a range of contemplations, wishes, and preoccupations with death and suicide.<sup>10</sup> It varies in duration, intensity, and character.

#### **Passive Suicidal Ideation**

Thoughts that life is not worth living or a desire for death, but without a plan to take one's own life.<sup>11</sup>

To help distinguish the two, consider the following questions:

- 1. Is the patient distressed by these thoughts?
- 2. Does the patient recognize the thoughts as her/ their own (is insight preserved)?
- 3. Are there other signs of psychosis such as hallucinations or delusional thinking?

"I need to shake the baby to make sure they're still breathing."

The fluctuating nature of suicidal ideation means that healthcare professionals should assess their patients routinely.

#### **Active Suicidal Ideation**

Thoughts of suicide with a plan and/or intent to harm oneself.

"My family would be better off without me."

"I could take all the pills from this bottle right now and not wake up."

**Passive** 

Active

10. Harmer, B., Lee, S., Duong, T., & Saadabadi, A. (2022). Suicidal Ideation. In StatPearls. StatPearls Publishing.

11. Van Orden, K. A., O'Riley, A. A., Simning, A., Podgorski, C., Richardson, T. M., & Conwell, Y. (2015). Passive suicide ideation: An indicator of risk among older adults seeking aging services?. The Gerontologist, 55(6), 972-980.

#### SCREENING FOR SUICIDE RISK

Consider incorporating one of these screening tools into your visits with perinatal patients if you are not already using one. Whatever screening tool is used, it should be given to all patients.

Keep in mind that patients don't always feel comfortable telling their providers about their suicidal thoughts, particularly during pregnancy and postpartum due to fears of being perceived as a bad parent or of being separated from their children.

## Depression Screening Tools with Suicide Question Included

- Patient Health Questionnaire-9
- Edinburgh Postnatal Depression Scale

#### **Suicide Specific Questionnaires**

- Columbia-Suicide Severity Rating Scale
- National Institute of Mental Health Ask-Suicide Screening Questions

What is most important is that you foster an **environment where patients feel safe** to disclose their thoughts and feelings about suicide to you, even when those thoughts may feel very scary to them.



"It is common for new parents to have intrusive or scary thoughts. When people are suffering, they often have thoughts about death or wanting to die. These thoughts can feel awful, and we don't want you to feel alone. We ask all patients if they are having thoughts of hurting themselves or their baby so that we can identify the best way to help."

#### ASSESSING SUICIDAL IDEATION

#### Low Risk

#### **Moderate Risk**

#### **High Risk**

- · No history of suicide attempt
- No current intent
- No current plan
- Protective factors present (i.e. social support, religious prohibition, other children)
- No substance use
- Hopeful about improvement

- Persistent sadness and tension, loss of interest, persistent guilt, difficulty concentrating, no appetite, decreased sleep
- · History of suicide attempt
- · Current intent
- · Current plan (not well formulated)
- · Limited protective factors
- · Substance use
- Hopelessness

- Continual sadness, unrelenting dread or guilt, <2-3 hours of sleep per night, unable to feel pleasure
- · History of multiple suicide attempts
- · High lethality of prior attempt(s)
- Current intent
- · Current plan
- · Limited protective factors
- · Substance use
- · Not receiving psychotherapy
- Hopelessness

#### ASSESSING THOUGHTS OF HARMING BABY

#### Low Risk

#### Moderate Risk

#### High Risk

- Symptoms indicative of depression, OCD, and/or anxiety
- Thoughts of harming baby are scary, cause anxiety, or are upsetting
- Mother does not want to harm her baby and feels it would be a bad thing to do
- Mother very clear she would not harm her baby
- Thoughts of harming baby are somewhat scary
- Thoughts of harming baby cause less anxiety
- Mother is not sure whether the thoughts are based on reality or whether harming her baby would be a bad thing to do
- · Mother less clear she would not harm her baby
- · Symptoms indicative of psychosis
- Thoughts of harming baby are comforting
- Feels as if acting on thoughts will help infant or society
- Lack of insight (inability to determine whether thoughts are based on reality)
- Having auditory and/or visual hallucinations
- Bizarre or fixed untrue beliefs that are not reality

#### WHAT DO I SAY?

- Normalize how stressful parenthood is and validate any feelings of anxiety and depression.<sup>12</sup>
- Don't be afraid to ask specific and direct questions, such as:
  - ? How are you feeling about being pregnant/a parent?
  - ? What things are you most worried about?
  - ? Is there anyone you feel comfortable with talking about your anxieties?
  - ? Are you having thoughts of killing yourself right now?
  - ? Who do you have for support?
  - ? What are your hopes for the future?

## HOW DO I HELP PATIENTS TO STAY SAFE?

A safety guide is a prioritized written list of coping strategies and sources of support. Here are some resources you can use when you want to contract with your patient for safety.

- Safety Planning Quick Guide for Clinicians
- Suicide Safe by SAMHSA (Substance Abuse and Mental Health Services Administration)
- Patient Safety Plan template
- Stanley-Brown Safety Plan



## WHAT ELSE CAN I DO TO SUPPORT PATIENT SAFETY?

- Healthcare professionals in North Carolina can call NC MATTERS to get support with assessing risk, safety planning, and finding resources for perinatal patients.
- Learn your local resources, including your local mobile crisis unit, to aid with referrals for patients with mental health or substance use disorders.
- Ensure scheduling of postpartum follow-up appointments for individuals with history of mood disorders or substance use disorders.
- Find out if your patient has started or stopped taking any medications during pregnancy or lactation. Some medications have been found to be associated with an increased risk of suicidality. Stopping medications abruptly can increase the risk of mood symptoms and therefore increase the risk of suicide.

## ADDITIONAL RESOURCES

NC MATTERS is a free consultation service for North Carolina healthcare professionals working with pregnant and postpartum women with mental health concerns.

To contact a perinatal psychiatrist for support, please call: 919-681-2909.

If your patient is actively suicidal, call the

- · North Carolina Mobile Crisis Team:
  - + East: 844-709-4097 + West: 888-573-1006

Supply these national hotline numbers to your patient:

- National Maternal Mental Health Hotline: 833-9-HELP4MOMS
- National Suicide Prevention Lifeline: 988
- National Domestic Violence Hotline: 800-787-3224