Screening for Depression, Anxiety and Substance Use in the Perinatal Period

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Why do we care about Women's Mental Health?

- **№** "Depression is the leading cause of lost years of healthy life among women."
- **⊗** Active maternal mental illness carries risks to the mother, fetus, and infant



Perinatal Depression and Anxiety

& COMMON

- g Prevalence: 15% 21% (all PMADs)
- **∞** The *most common, unrecognized* complication of the perinatal period (compare to 2-5% gestational diabetes)

& MORBID

- © Devastating consequences for women, infants and families:
 - * Poor maternal nutrition
 - Missed prenatal appointments
 - Low birth weight
 - * Preterm birth
 - Small for gestational age

№ TREATABLE

Perinatal Substance Use

& ON THE RISE

- \$\alpha\$ 2% report illicit opioid use
- ø # of women with OUD at labor and delivery quadrupled from 1999 to 2014

k MORBID

- g Impaired decision-making and parenting
- **Risk of Neonatal Abstinence Syndrome (NAS)**

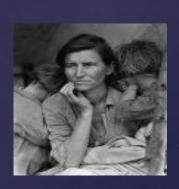
№ TREATABLE

Risk Factors

Women with:

- ø Prior history of PPD or MDD
- g Family History
- g Intimate Partner Violence
- ø Absence of support
- Representation of the property of the proper
- ø Single parenthood
- ø Current or historical stressful life events (poverty, trauma, death in family)







Screening: Gaining Traction

Recording of Depression Dx increased 7-fold from 2000-2015 in 27 of 28 states analyzed in women admitted for delivery.

ACOG Committee Opinion November 2018

- & Screen at least once during the perinatal period
- ₹ Full assessment of mood and emotional well-being during comprehensive postpartum visit
- & Screen for depression and anxiety symptoms
- ⊌ Use a standardized, validated tool (EPDS or PHQ-9)



- With positive screens, be prepared to initiate medication and/or refer to appropriate behavioral health specialists
- & Systems should be in place to ensure follow-up for diagnosis and treatment



Edinburgh Postnatal Depression Scale (EPDS)

- & Most commonly used screen for PPD world-wide
- № 10 items and available in 23 languages
- & Easily administered and scored. Available on the Internet
- ∀alidated for use with adolescents
- Validated for use with pregnant women

- ⊗ Only stipulation is that Dr. Cox be cited as the author on copies administered

Edinburgh Postnatal Depression Scale¹ (EPDS)

Name:	Address:
Your Date of Birth:	
Baby's Date of Birth:	Phone:
As you are pregnant or have recently had a baby, we we the answer that comes closest to how you have felt IN T	
Here is an example, already completed.	
I have felt happy: ☐ Yes, all the time ☐ Yes, most of the time ☐ No, not very often ☐ No, not at all I have felt happy: ☐ This would mean: "I have felt happy: ☐ Please complete the other of the please complete the pleas	elt happy most of the time" during the past week. questions in the same way.
In the past 7 days:	
1. I have been able to laugh and see the funny side of things As much as I always could Not quite so much now Definitely not so much now Not at all 2. I have looked forward with enjoyment to things As much as I ever did Rather less than I used to Definitely less than I used to	*6. Things have been getting on top of me Yes, most of the time I haven't been able to cope at all Yes, sometimes I haven't been coping as well as usual No, most of the time I have coped quite well No, I have been coping as well as ever *7 I have been so unhappy that I have had difficulty sleeping Yes. most of the time
Hardly at all *3. I have blamed myself unnecessarily when things	Yes, sometimes Not very often No, not at all
went wrong Yes, most of the time Yes, some of the time Not very often No, never	*8 I have felt sad or miserable Yes, most of the time Yes, quite often Not very often No, not at all
I have been anxious or worried for no good reason No, not at all Hardly ever Yes, sometimes Yes, very often	*9 I have been so unhappy that I have been crying Yes, most of the time Yes, quite often Only occasionally No. never
*5 I have felt scared or panicky for no very good reason Yes, quite a lot Yes, sometimes No, not much No, not at all	*10 The thought of harming myself has occurred to me Yes, quite often Sometimes Hardly ever

Edinburgh Postnatal Depression Scale (EPDS)

- ₹ The mother is asked to check the response that comes closest to how she has been feeling *in the previous 7 days*.
- & All the items must be completed.

Maximum score: 30

Possibly depressed: 13 or greater

Always look at item 10 (thoughts of

self-harm/suicide)

Patient Health Questionnaire-9 (PHQ-9)

- ∀alidated for use with pregnant women
- k High sensitivity in pregnancy (85%)
- □ High specificity in pregnancy (84%)
- & Validated for use with adolescents
- & Easily administered and scored
- ≥ 9 items
- & Commonly utilized worldwide

PATIENT HEALTH QUESTIONNAIRE-9 (PHQ-9)

Over the <u>last 2 weeks</u> , how often have by any of the following problems? (Use "\sums" to indicate your answer)	you been bothered	Not at all	Several days	More than half the days	Nearly every day
Little interest or pleasure in doing thing	s	0	1	2	3
2. Feeling down, depressed, or hopeless		0	1	2	3
3. Trouble falling or staying asleep, or sle	eping too much	0	1	2	3
4. Feeling tired or having little energy		0	1	2	3
5. Poor appetite or overeating		0	1	2	3
Feeling bad about yourself — or that yourself or your family down	ou are a failure or	0	1	2	3
Trouble concentrating on things, such a newspaper or watching television	as reading the	0	1	2	3
Moving or speaking so slowly that othe noticed? Or the opposite — being so f that you have been moving around a load.	idgety or restless	0	1	2	3
Thoughts that you would be better off of yourself in some way	dead or of hurting	0	1	2	3
	FOR OFFICE CODIN	ng () +	+		
	3001			Total Score:	
If you checked off <u>any</u> problems, how <u>difficult</u> have these problems made it for you to do your work, take care of things at home, or get along with other people?					
Not difficult Somewhat all difficu	hat	Very lifficult		Extreme difficul	

Patient Health Questionnaire-9 (PHQ-9)

- The patient is asked to respond to each of the 9 items based on how they've been feeling over the last 2 weeks.
- The final question asks the patients to report "How difficult have these problems made it for you to do your work, take care of things at home, or get along with other people?"
 - ø not used in calculating score but represents the patient's global impression of symptom-related impairment
 - may be useful in decisions regarding initiation of or adjustments to treatment

Maximum score: 27
Possibly depressed: 10 or greater
Always look at item 9 (thoughts of

Generalized Anxiety Disorder – 7 (GAD-7)

- & Validated for use with pregnant women

- & Easily administered and scored
- k 7 items



GAD-7

Over the <u>last 2 weeks</u> , how often have you been bothered by the following problems? (Use "" to indicate your answer)	Not at all	Several days	More than half the days	Nearly every day
Feeling nervous, anxious or on edge	0	1	2	3
Not being able to stop or control worrying	0	1	2	3
3. Worrying too much about different things	0	1	2	3
4. Trouble relaxing	0	1	2	3
5. Being so restless that it is hard to sit still	0	1	2	3
6. Becoming easily annoyed or irritable	0	1	2	3
Feeling afraid as if something awful might happen	0	1	2	3
/F // !! T / ! C	-			

(For office coding: Total Score T___ = ___ + ___)

Generalized Anxiety Disorder – 7 (GAD-7)

- ∀ The patient is asked to respond to each of the 9 items based on how they've been feeling over the last 2 weeks.
- Designed primarily for Generalized Anxiety Disorder but has moderately good operating characteristics for Panic Disorder, Social Anxiety Disorder and Post-traumatic Stress Disorder

Maximum score: 21

Possible anxiety: 7 or greater

Alcohol Use Disorders Identification Test-Concise (AUDIT-C)

- & Available in English and Spanish
- ∀alidated for use in pregnant women
- k High specificity in pregnancy (84%)
- & Easily administered and scored
- & 3 items



AUDIT-C Questionnaire (modified)

Name:	Date:
These questions refer to the last 12 months, <u>excluding the time d</u> <u>pregnant</u> .	uring which you knew you were
1. How often do you have a drink containing alcohol?	
□ a. Never	
☐ b. Monthly or less	
☐ c. 2-4 times a month	
☐ d. 2-3 times a week	
☐ e. 4 or more times a week	
2. How many standard drinks containing alcohol do you have on a a. 1 or 2 b. 3 or 4 c. 5 or 6 d. 7 to 9 e. 10 or more	a typical day?
3. How often do you have six or more drinks on one occasion?	
a. Never	
□ b. Less than monthly	
C. Monthly	
□ d. Weekly	
 e. Daily or almost daily 	

Alcohol Use Disorders Identification Test-Concise (AUDIT-C)

- The patient is asked to answer the 3 questions about frequency of alcohol consumption, based on the last 12 months, excluding the time during which they knew they were pregnant.
- In perinatal women, a score of 3 or more is considered positive. However, when the points are ALL from Q1 alone (Q2 and Q3 are zero), it can be assumed that the patient is drinking below recommended limits and it is suggested that the provider review the patient's alcohol intake in the last few months prior to pregnancy to confirm accuracy.

Maximum score: 12

Possible alcohol misuse: 3 or greater

Drug Abuse Screening Test-10 (DAST-10)

- & Available in English and Spanish
- & Validated for use in pregnant women
- k High sensitivity in pregnancy (80%)
- & Validated for use with adolescents
- & Easily administered and scored
- & 10 items, Yes/No

DAST-10 Questionnaire

These o	questions refer to the last 12 months, <u>excluding the time during which you</u>	No	Yes
knew y	ou were pregnant.		
1.	Have you ever used drugs other than those required for medical reasons?	0	1
2.	Do you abuse more than one drug at a time?	0	1
3.	Are you always able to stop using drugs when you want to? (If never use drugs, answer "Yes.")	1	0
4.	Have you had "blackouts" or "flashbacks" as a result of drug use?	0	1
5.	Do you feel bad or guilty about your drug use? (If never use drugs, choose "No.")		
6.	Does your spouse (or parents) ever complain about your involvement with drugs?	0	1
7.	Have you neglected your family because of your use of drugs?	0	1
8.	Have you engaged in illegal activities in order to obtain drugs?	0	1
9.	Have you experienced withdrawal symptoms (felt sick) when you stopped taking drugs?	0	1
10.	Have you had medical problems as a result of your drug use (e.g., memory loss, hepatitis, convulsions, bleeding, etc.?)	0	1

Drug Abuse Screening Test-10 (DAST-10)

- The patient is asked to answer 10 YES/NO questions based on the past 12 months, *excluding the time during which they knew they were pregnant*
- ☼ "Drug abuse" refers to the use of prescribed or over-thecounter medications/drugs in excess of the directions AND any non-medical use of drugs
- & Questions do not include alcohol or tobacco.

Maximum score: 10

Possibly substance misuse: 1 or greater

Screening: What to ask

- Make How are YOU doing?
- Are you feeling moodier than normal?
- ### How is your sleep? Can you sleep when the baby sleeps?
- Even though everyone expects this to be a happy time, many women who have just had a baby feel sad, nervous, irritable or just "not themselves". Has this been your experience?



Screening: What to look for

- & Tearfulness
- & Appearing unusually tired
- & Disheveled, poor hygiene
- & Poor eye contact
- & Irritability
- & Discomfort holding/handling the baby
- & Significant weight loss
- & Excessive concern about the baby despite reassurance



Screening: Assessing Risk of Harm

Suicidal Ideation		Thoughts of Harming Baby		
HIGHER RISK	LOWER RISK	HIGHER RISK	LOWER RISK	
 Hx of Attempts High lethality of past attempts Hx of significant mental illness requiring admissions Current plan/intent Substance abuse Unstable social situation No protective factors 	 No Hx of Attempts No Hx of significant MH issues No plan No intent No substance use Protective factors (i.e. social connections, spiritual/religious beliefs, meaningful employment) 	 Poor insight Psychotic symptoms Delusional beliefs with distortion of reality 	 Thoughts are intrusive and disturbing No psychotic symptoms Thoughts cause fear/anxiety Good insight 	

Positive Screen

- & Utilize established clinical protocols
- © Call 401-430-2800 RI MomsPRN (located at Women's Behavioral Health 2 Dudley)
- & Initiate Treatment
- & Refer



RI MomsPRN Services

Resource and Referral Specialist (Social Worker)	Clinical Consultation (Psychiatrist and Psychologist)	Continuing Education
 Call intake and triage Make connections to treatment and support services Schedule provider teleconsultation with perinatal behavioral health experts 	 Same day provider-to-provider teleconsultation services Diagnostic support Treatment planning Medication and dosage recommendations Advisement about prescription concerns 	 Deliver continuing medical education sessions on a variety of perinatal behavioral health topics Provider "toolkit" including screening tool guidelines and tips for teleconsultation



Calling RI MomsPRN

RI MomsPRN is a psychiatric telephone consultation and support service that can help healthcare providers with diagnosis, treatment planning, and medication management of pregnant and postpartum patients experiencing depression, anxiety, substance use disorder, or other mental health concerns.

© Call 401-430-2800 Monday – Friday, 8 a.m. – 4 p.m.

RI MomsPRN Staff

- · Zobeida Diaz, MD; Perinatal Psychiatrist
- · Margaret Howard, PhD; Perinatal Psychologist
- Eva Ray, LICSW; Perinatal Resource and Referral Specialist

When calling RI MomsPRN, please be prepared to provide the following information to the Resource and Referral Specialist:

Provider Information

- ✓ Provider name
- √ Practice name
- √ Call-back phone number
- ✓ Best time(s) for a callback
- ✓ Did patient consent to provider contact with RI MomsPRN?
- ✓ Primary concern or question

Patient Information

- ✓ Patient name
- ✓ Patient insurance information and demographics (date of birth, race, ethnicity, address)
- ✓ Reproductive status
- Number of weeks pregnant/postpartum
- Pre-conception
- Perinatal loss
- ✓ Lactation status
- Current and past psychiatric diagnoses and medication(s)
- ✓ Safety concerns
 - Current or past suicide ideation and/or attempt?
 - Risk to self or others?

Additional Information (if applicable/available)

- ✓ Screening tools administered and scores
 - EPDS

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- PHQ-9
- ✓ Pertinent psychosocial history
- ✓ Pertinent family psychiatric history





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Thank You and Questions



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