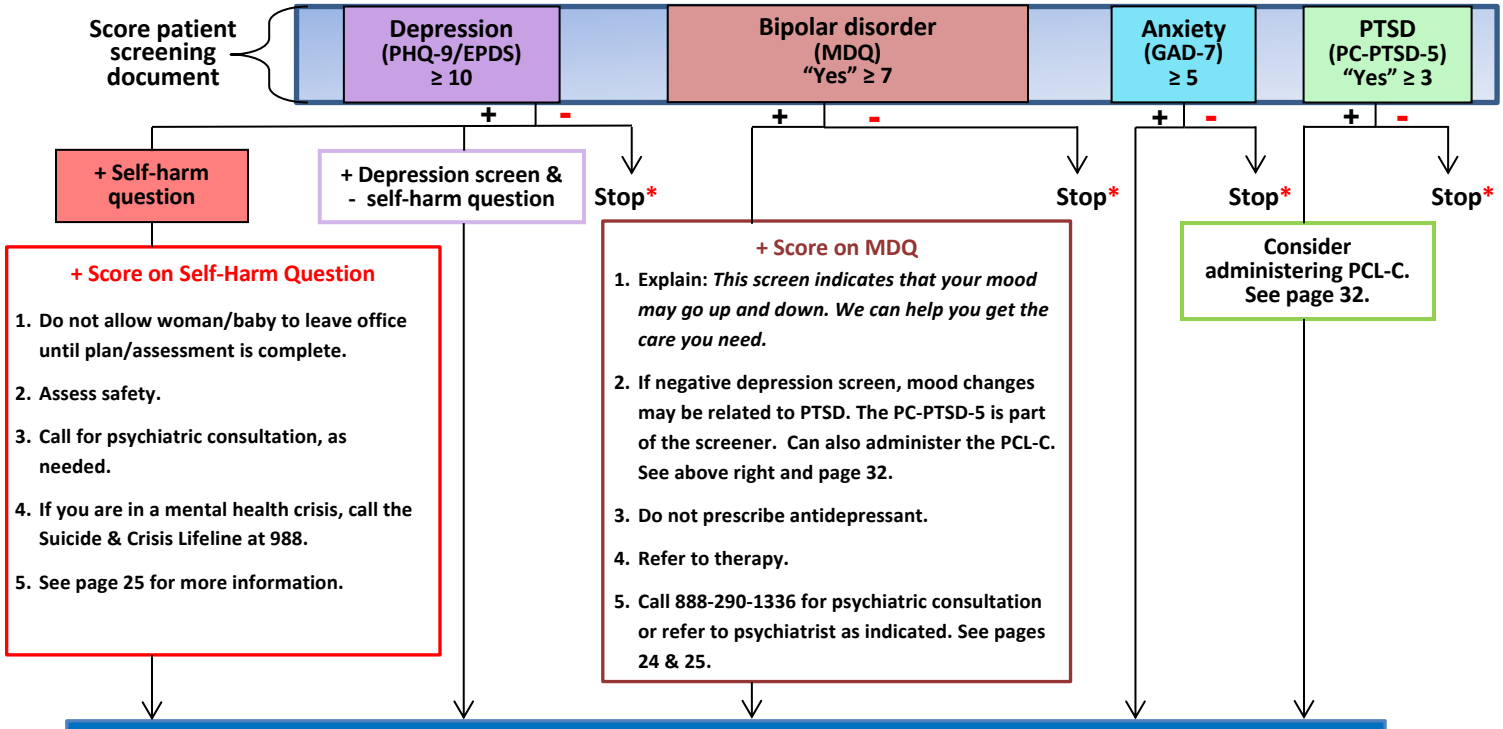
Lifeline for moms

Assessing Perinatal Mental Health



To assess for presence and severity of perinatal mental illness, ask about:

- Recent stressors
- Symptom frequency
- Symptom duration
- How symptoms impact daily functioning
- Current treatment (meds/therapy)
- Feelings of hopelessness, helplessness
- Current suicidal ideation, plan, intent
- Family history
- Prior symptoms
- Previous suicide attempt(s)
- Past psychiatric treatment (meds/therapy)
- Previous psychiatric hospitalization(s)
- See pages 29-31 for more on perinatal mental health conditions

Determine Illness Severity

MILD

- Depression screener score 10-14
- GAD-7 score 5-9
- PC-PTSD-5 score < 3
- No suicidal ideation
- Not feeling hopeless, helpless, worthless
- No previous psychiatric hospitalization
- No or minimal difficulty caring for self or baby

MODERATE

- Depression screener score 15-19
- GAD-7 score 10-14
- PC-PTSD-5 score ≥ 3
- Suicidal ideation present
- Sometimes feels hopeless, helpless, worthless
- Previous psychiatric hospitalization
- Some difficulty caring for self or baby

SEVERE

- Depression screener score >19
- GAD-7 score ≥15
- PC-PTSD-5 score ≥ 3
- Suicidal ideation, intent and/or plan
- Previous suicide attempt(s)
- Often feels hopeless, helpless, worthless
- History of multiple psychiatric hospitalization(s)
- Often feels unable to care for self or baby
- May experience hallucinations, delusions or other psychotic symptoms (e.g., major depression with psychotic features or bipolar disorder with psychotic features)
- History of multiple medication trials

For mild, moderate, and severe illness:

- Start treatment, see page 22.
- Check for underlying medical condition - order TSH, B12, folate, Hgb, Hct
- Assess for substance use or medications which can cause or worsen mood/anxiety disorders

*If all screens are negative, tell her they were negative and say, *"if something changes, please let us know. We are here."*

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EPDS – Edinburgh Postnatal Depression Scale; GAD – Generalized Anxiety Disorder; MDQ – Mood Disorder Questionnaire; PHQ – Patient Health Questionnaire
PTSD – Posttraumatic Stress Disorder; PC-PTSD-5 – Primary Care Post Traumatic Stress Disorder; PCL-C – PTSD Check List-Civilian

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Starting Treatment for Perinatal Mental Health Conditions

Consider treatment options based on highest level of illness severity

If severity of symptoms overlap, clinical decisions should be based on the assessment, with strong consideration of higher level treatment options.

MILD

Therapy referral

Consider medication treatment

MODERATE

Therapy referral

Strongly consider medication treatment

If onset of depression symptoms occurs in 3rd trimester to 4 weeks postpartum and if the patient is <6 months postpartum at screening, consider postpartum brexanolone (IV allopregnanolone infusion over 60 hours in an inpatient setting). See page 20.

SEVERE

Therapy referral

Medication treatment

If onset of depression symptoms occurs in 3rd trimester to 4 weeks postpartum and if the patient is <6 months postpartum at screening, consider postpartum brexanolone (IV allopregnanolone infusion over 60 hours in an inpatient setting). See page 20.

- If you are in a mental health crisis, call the Suicide & Crisis Lifeline at 988. If you are experiencing a medical emergency, call 911.
- Call the Arizona Perinatal Psychiatry Access Line at 888-290-1336
- Visit the APAL website at APAL.arizona.edu or APAL.ariona.edu/moms-families to find a provider in Arizona.

Therapy and support options

- All women who screen positive, regardless of illness severity, should be referred to therapy or be advised to continue therapy
- Always discuss and encourage prevention and support options (e.g., peer and social supports and groups, sleep hygiene, self-care, and exercise). See page 27.

How to educate patients about treatment with antidepressants

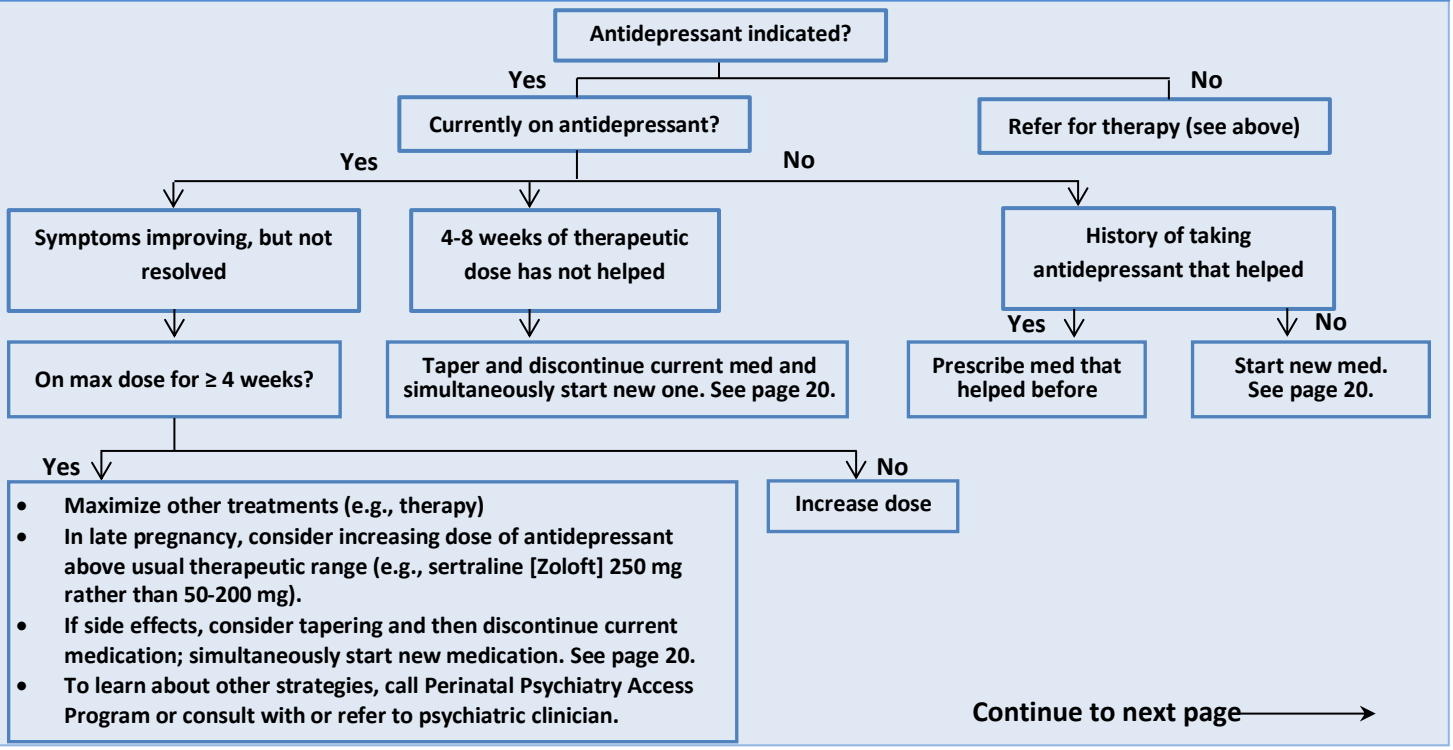
Antidepressant use during pregnancy:

- Does not appear to be linked with birth complications
- Has been linked with small but inconsistent risk of birth defects when taken in the first trimester, particularly paroxetine
- Has been linked with transient (days to weeks) neonatal symptoms (tachypnea, irritability, insomnia)
- Has inconsistent, overall reassuring, evidence regarding long-term (months to years) neurobehavioral effects on children

Under-treatment or no treatment of perinatal mental health conditions:

- Has been linked with birth complications
- Can increase the risk or severity of postpartum depression
- Can make it harder for moms to take care of themselves and their babies
- Can make it harder for moms to bond with their babies
- Can increase risk of mental illness among offspring
- Has been linked with possible long-term neurobehavioral effects on children

Medication treatment (when indicated)



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Starting Treatment for Perinatal Mental Health Conditions

Pharmacological Treatment Options for Depression, Anxiety, and PTSD

- Choose antidepressant that has worked before. If antidepressant naïve, choose antidepressant based on table below with patient preference in consideration. Antidepressants are similar in efficacy and side effect profile.
- In late pregnancy, you may need to increase the dose above usual therapeutic range (e.g., sertraline [Zoloft] 250mg rather than 50-200mg).
- If a patient presents with pre-existing mood and/or anxiety disorder and is doing well on an antidepressant, do not switch it during pregnancy or lactation. If patient is not doing well, see page 21.
- Evidence does not support tapering antidepressants in the third trimester.
- Minimize exposure to both illness and medication.
  - Untreated/inadequately treated illness is an exposure
  - Use lowest effective doses with goal of remission of symptoms.
  - Minimize switching of medications
  - Monotherapy preferred, when possible

See page 19 for how to educate patients about treatment with antidepressants

First-line Treatment Options for Mild, Moderate, or Severe Depression, Anxiety Disorder, and PTSD

Medication	sertraline* (Zoloft)	fluoxetine (Prozac)	citalopram** (Celexa)	escitalopram** (Lexapro)
Starting dose and timing	25 mg qAM (if sedating, change to qHS)	10 mg qAM	10 mg qAM	5 mg qAM
Initial increase after 4 days	↑ to 50 mg	↑ to 20 mg	↑ to 20 mg	↑ to 10 mg
Second increase after 7 more days	↑ to 100 mg			
Reassess Monthly (increase as needed until symptoms remit)	↑ by 50 mg	↑ by 20 mg	↑ by 10 mg	↑ by 10 mg up to 20 mg
Therapeutic range***	50-200 mg	20-80 mg	20-40 mg	10-20 mg
Individualized approach to titration	Slower titration (e.g., every 10-14-days) is often needed for patients who are antidepressant naïve or with anxiety symptoms			

*Lowest degree of passage into breast milk compared to other first-line antidepressants; **Side effects include QTc prolongation (see below);
***May need higher dose in 3rd trimester and when treating an anxiety disorder
In general, if an antidepressant has helped during pregnancy, it is best to continue it during lactation.
Prescribe a maximum of two (2) antidepressants at the same time.

Second-line Treatment Options for Mild, Moderate, or Severe Depression, Anxiety Disorder, and PTSD

Medication	duloxetine (Cymbalta)	venlafaxine (Effexor XR)	fluvoxamine (Luvox)	paroxetine (Paxil)	mirtazapine (Remeron)	bupropion HCL (Wellbutrin XL)
Starting dose and timing	30 mg*** qAM	37.5 mg qAM	25 mg qHS	10 mg*** qAM (if sedating, change to qHS)	7.5 mg qHS	150 mg qAM
Initial increase after 4 days		↑ to 75 mg	↑ to 50 mg	↑ to 20 mg	↑ to 15 mg	
Second increase after 7 more days	↑ to 60 mg		↑ to 100 mg			
Reassess Monthly (increase as needed until symptoms remit)	↑ by 30 mg	↑ by 75 mg	↑ by 50 mg	↑ by 10 mg	↑ by 15 mg	↑ by 150 mg
Therapeutic range ***	30-120 mg	75-300 mg	50-200 mg	20-60 mg	15-45 mg	300-450 mg
Individualized approach to titration	Slower titration (e.g., every 10-14-days) is often needed for patients who are antidepressant naïve or with anxiety symptoms					

***May need higher dose in 3rd trimester and when treating an anxiety disorder

	Temporary (days to weeks)	Long-term (weeks to months)
General side effects oral antidepressants	Nausea (most common)	Increased appetite/weight gain
	Constipation/diarrhea	Sexual side effects
	Lightheadedness	Vivid dreams/insomnia
	Headaches	**QTc prolongation (citalopram & escitalopram)

- Tell women to take medication with food and only increase dose if tolerating; otherwise wait until side effects dissipate before increasing.
- Start medication in morning; if patient finds it sedating recommend that she takes it at bedtime

Medication Treatment for Moderate/Severe Depression with Onset in Late Pregnancy or Within 4 weeks postpartum – brexanolone (Zulresso)

Brexanolone is an FDA-approved medication that can be considered for treatment of moderate to severe postpartum depression.

Brexanolone:

- is a formulation of intravenous allopregnanolone (a neurosteroid) that acts on GABA-A receptors
- requires an IV infusion over 60 hours
- has a faster onset of action (symptom reduction in 1-2 days) compared to available oral antidepressants, which generally take 4-8 weeks to work
- has been shown to maintain the reduction in depression symptoms at 30 days post-infusion

When is Brexanolone indicated?

If onset of depression occurs in 3rd trimester through 4 weeks postpartum and if patient is <6 months postpartum at screening, consider Brexanolone (IV allopregnanolone infusion over 60 hours in an inpatient setting).

More information can be found at Reprotox and LactMed on all pharmacological treatments

Follow-Up Treatment of Perinatal Mental Health Conditions

Once patient is determined to have a mental health condition, repeat screen in 4 weeks and re-evaluate treatment plan via clinical assessment

If no/minimal clinical improvement after 4 weeks

- If patient has no or minimal side effects, increase antidepressant medication dose until full symptom remission (e.g., EPDS/PHQ-9 < 10, GAD-7 <5, PC-PTSD <3)
- If patient has intolerable or serious side effects, taper medication to discontinue, and simultaneously start new antidepressant
- Maximize other treatments (e.g., therapy, lifestyle changes, support groups)
- If late in pregnancy, given physiological changes in pregnancy, may need to increase the dose of antidepressant above usual therapeutic range (e.g., sertraline [Zoloft] 250 mg per day rather than 50-200 mg)
- Consider adding additional medication. See page 20.
- Repeat screens every 4 weeks and re-evaluate treatment via clinical assessment until remission, or, if you are not continuing to manage the patient, provide a hand-off to the primary care physician

If clinical improvement and no/minimal side effects

If clinical improvement and no/minimal side effects

- Re-evaluate every month in pregnancy and postpartum and adjust med accordingly. See page 20
- Encourage patient to stay on medication and continue therapy
- If you are not continuing to manage the patient, provide a hand-off to primary care physician

If you are not continuing to manage the patient postpartum:

- Contact PCP and provide handoff
- Ask patient to make appointment with PCP
- Send summary to PCP
- See patient again to make sure she is in treatment with PCP

Once patient experiences remission of symptoms (e.g., 2 sequential EPDS/PHQ-9 scores <10, GAD-7 <5, PC-PTSD <3)

Can consider tapering antidepressant when patient has been in remission for ≥ 6 months for depression and ≥ 12 months for anxiety

Taper medication slowly to minimize risk of relapse and discontinuation syndrome

- Shorter acting medications (e.g., paroxetine [Paxil], venlafaxine [Effexor]) have higher chance of discontinuation syndrome and thus need to be tapered slowly
- Establish postpartum birth control plan to help women make informed decision regarding family planning

Adjunctive Support Options

Talk to your patient about adjunctive support options such as:

- Self-care (See Self-Care Plan (page 27))
- Balanced nutrition and Substance avoidance
- Sleep hygiene
- Mindfulness
- Exercise
- Find resources for moms and families here.
- Books and workbooks (e.g., The Pregnancy and Postpartum Anxiety Workbook by Pamela S. Wiegartz and Kevin Gyoerkoe)

Social and Structural Determinants of Health

Ask about/consider social and structural factors that can be a barrier to engagement in care:

- Access to stable housing
- Access to food/safe drinking water
- Utility needs
- Safety in home and community
- Immigration status
- Employment conditions
- Transportation
- Childcare

Refer to social services as indicated