NATIONAL
COUNCIL

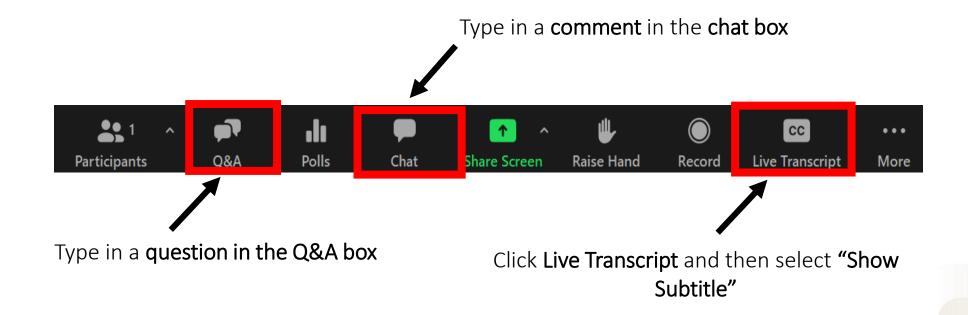
for Mental
Wellbeing

Perinatal Health: Part 4 Addressing Serious Mental Illness

July 21st, 2022 2-3pm EST

CENTER OF EXCELLENCE for Integrated Health Solutions

Questions, Comments & Closed Captioning





Disclaimer

The views, opinions, and content expressed in this presentation do not necessarily reflect the views, opinions, or policies of the Center for Mental Health Services (CMHS), the Substance Abuse and Mental Health Services Administration (SAMHSA), or the U.S. Department of Health and Human Services (HHS).



Substance Abuse and Mental Health
Services Administration

www.samhsa.gov



Poll #1: What best describes your role?

- Clinician
- Administrator
- Policy Maker
- Payer
- Other (specify in chat box)

NATIONAL COUNCIL for Mental Wellbeing

Poll #2: What best describes your organization? (check all that apply)

- Primary Care Provider
- Mental Health Provider
- Substance Use Treatment Provider
- School-Based Health Provider
- Other (specify in chat box)



Poll #3: Where is your organization in the process of integration?

- Learning/Exploring
- Beginning Implementation
- Advanced/Full Implementation
- Ongoing Quality Improvement
- Other (specify in chat box)



Perinatal Integrated Health Webinar Series

May 10: 1-2pm ET The Case for Integration & Continuum of Care: Considerations

Across Primary and Specialty Care

May 12: 2-3pm ET Perinatal Behavioral Health Care in a CCBHC

June 23: 2-3pm ET Integrating Services in High Need Settings

July 21: 2-3pm ET Addressing Serious Mental Illness

council for Mental Wellbeing

Speakers



Riah Patterson, MD

Assistant Professor

Medical Director, Perinatal

Psychiatry In-Patient Unit

University of North Carolina (UNC)

Hospitals- Chapel Hill



Margo Nathan, MD
Assistant Professor
University of North Carolina
(UNC) Hospitals- Chapel Hill

NATIONAL COUNCIL for Mental Wellbeing

Learning Objectives

- \square Understand prevalence of mental illness during the perinatal period.
- Identify considerations for integrating care for people in the perinatal period experiencing mental health crisis.
- Describe the successes and challenges in addressing maternal mental health through supporting providers with the MATTERS psychiatric consultative care model.
- Describe the Perinatal Psychiatry Inpatient Unit model for addressing affective disorders and acute crises and how it is integrated into perinatal care.

national council for Mental Wellbeing



council for Mental Wellbeing

North Carolina Maternal Mental Health MATTERS: Making Access to Treatment, Evaluation, Resources & Screening Better

Margo Nathan, MD
UNC Women's Mood Disorders Center
Consulting Psychiatrist, NC MATTERS

CENTER OF EXCELLENCE for Integrated Health Solutions



Perinatal Mood and Anxiety Disorders (PMADs)

Depression **Anxiety** Panic Disorder **Obsessive Compulsive Disorder** Post Traumatic Stress Disorder Bipolar Disorder **Postpartum Psychosis**

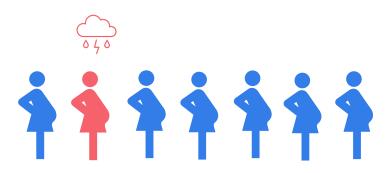


General PMAD Prevalence





Postpartum depression is the most common complication of childbirth



Up to **1** in **7** women experience PPD, affecting approximately 600,000 women per year in the United States alone



For ½ of women diagnosed with PPD, this is their first episode of depression



About 1/2 of women who are diagnosed with PPD **experienced symptoms** during pregnancy



Only 15% of women with postpartum depression ever receive professional treatment

Accortt & Wong (2017); Bonacquisti, Cohen, & Schiller (2017); Karras (2020); VanderKruik et al. (2017)

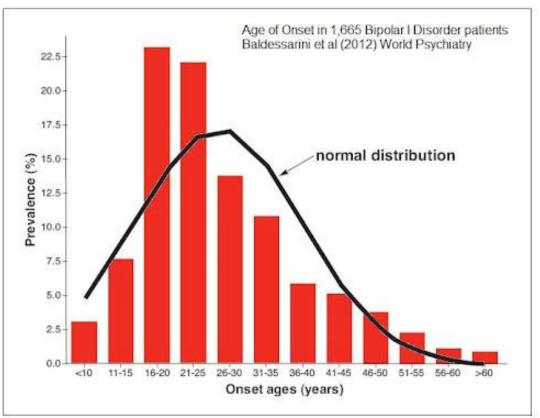




Perinatal Bipolar Disorder

Onset of bipolar disorder peaks during reproductive

years



Kessler, Journal of affective disorders, 2003; Yonkers et al. AJP 2004; Baldessarini World Psychiatry 2012







Potential for Psychiatric Emergencies: Postpartum Psychosis

- 1-2/1000 women
- >70% have a diagnosis of bipolar disorder
- Onset 24 hrs 3 weeks postpartum
- Mood symptoms, psychotic symptoms & disorientation
- R/o medical causes of delirium
- 4% risk of infanticide with postpartum psychosis

Wesseloo et al AJP 2016, Manic Depression Illness, Goodwin and Jamison, 2007





Potential for Psychiatric Emergencies: Suicide Risk 🐞



Lower Risk

Suicide Risk Assessment

Higher Risk

- No prior attempts
- If prior attempts, low lethality & high rescue potential
- No plan
- No intent
- No substance use
- Protective factors
- Hope for improvement

- History of suicide attempts
- High lethality of prior attempts
- Recent attempt
- Current plan
- Current intent
- Substance use
- Lack of protective factors
- Hopelessness

COUNCIL for Mental Wellbeing



PMADs Impact Mom, Child & Family



Pregnancy is **not** necessarily protective!

Increased impulsivity, substance abuse, poor nutrition and self-care

Increased risk for preeclampsia, preterm births, low birth weight, IUGR

Congenital defects/ malformations; toxic stress of the newborn

Disability depression or anxiety

Suicidality, self-injury

Psychotic symptoms, poor judgment, delusional beliefs

Infanticide

Huizink, Psychol Bull, 2004; Ding, J Affect Disord, 2018; Field, Infant Behav Develop, 2005



The Maternal Mental Health "Treatment Cascade"



50-70% of cases go undetected

85% of cases go without treatment

91-93% of cases are not adequately treated

95-97% of cases are without remission of symptoms

Cox et al, J Clin Psychiatry, 2016







Proactive Perinatal Mental Health Care

Screening

Optimize medication

Promote sleep

Teach stress reduction strategies



Make a mental wellness plan for the postpartum period

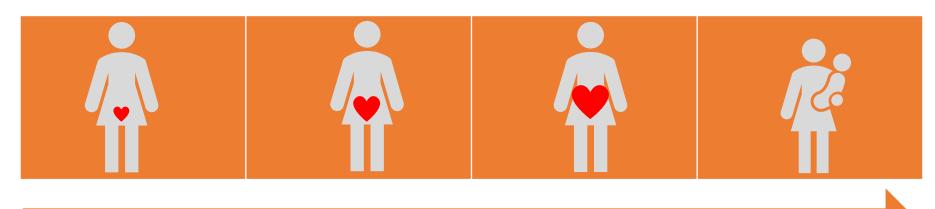
Cox et al, J Clin Psychiatry, 2016





Integrated Physical and Mental Prenatal Care





Physical Health Screening/Tests Timeline

Initial Prenatal Labs

Anatomy ultrasound

Diabetes Screen and Vaccines

Contraception

Mental Health Screening Timeline

Depression and
Anxiety Screen,
Substance Use and
Interpersonal Violence

Depression and Anxiety Screen, Other Screening as Indicated Depression and Anxiety Screen, Other Screening as Indicated Depression and Anxiety Screen, Other Screening as Indicated

NATIONAL COUNCIL for Mental Wellbeing

Gaps in Perinatal Mental Health Care



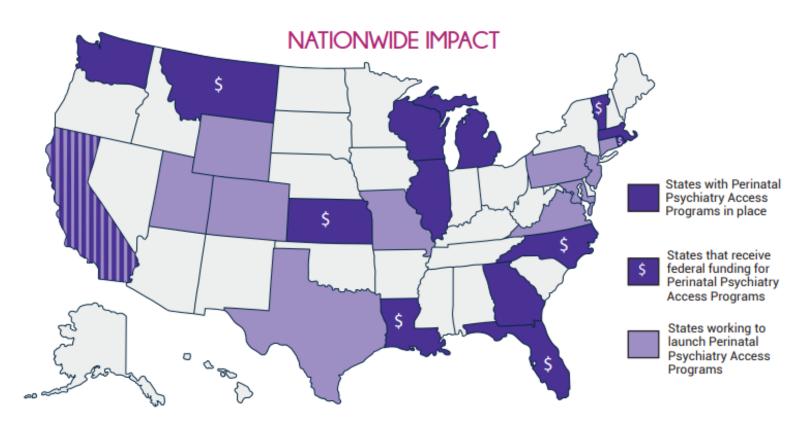
for Mental Wellbeing

- Most OB and pediatric practices do not have co-located or integrated behavioral health care
- Many community mental health providers are not comfortable treating pregnant or lactating patients
- Patients want to receive care from providers they know and trust difficulty with navigating system of mental health outside their medical home



Perinatal Mental Health Access Programs Support Clinicians Caring for Perinatal Women





Citations

1 ACOG Committee Opinion 757 (2018). 2 Gavin (2005). Obstetrics & Gynecology, 106, 1071-83. 3 Fawcett (2019). Journal of Clinical Psychiatry (80) 4 Byatt (2015). Obstetrics & Gynecology, 126(5): 1048-1058. 5 Byatt (2020). Promoting the Health of Mothers & Children

NATIONAL COUNCIL for Mental Wellbeing



NC MATTERS: What are our goals?



Patients

- Are screened during and after pregnancy
- Have timely access to mental health services
- Are able to stay in their medical homes

Providers

- Feel more confident addressing perinatal mental health and substance use
- Help reduce unnecessary referrals and missed appointments











NC MATTERS: What do we do?





Education

- Training for providers and staff
- Screening and treatment algorithms



Consultation

 Real-time psychiatric consultation for health care professionals



Telepsychiatry

 One-time psychiatric assessments for perinatal patients at no cost



Resource & Referral

 Linkages with community-based mental health resources

NATIONAL COUNCIL for Mental Wellbeing



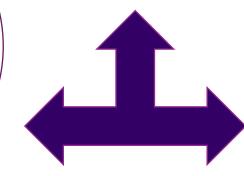




Provider receives assistance in identifying & securing appropriate resources & referrals for patient



Provider receives consultation related to diagnostic & treatment questions





Provider's patient is identified for telepsychiatry assessment and/or care at UNC or Duke

Outreach to a Variety of Professionals



Courses for CME through various regional AHECs

Joint newsletter with NC-PAL

Attachment Network of NC

Psychiatry resident didactics with Eastern Carolina University

Trainings and presentations by request

Support County Health Departments

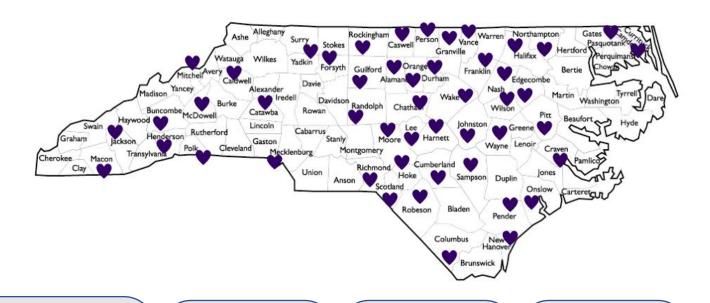
Participation in Maternal Health Task Force and Perinatal Health Equity Collective

Participation in Lifeline4Moms perinatal psychiatric access network

national council for Mental Wellbeing



Accomplishments So Far



1,025 calls to the consult line

Patients from 55+ NC counties served

827 enrolled providers

1,900+
health care
professionals
trained

NATIONAL COUNCIL for Mental Wellbeing





Accomplishments So Far

Depressed mood	166
Anxiety	130
Postpartum (Adjustment)	102
Stress	79
Pregnancy	66
Medication(s)	61
Grief	33
Other	33
Trauma/PTSD	29
Sleep problems	29
Suicidal ideation	27
Irritability	25
Bipolar disorder	22
Family relationship problems	22
Substance use	17
Mood swings	15
Miscarriage/stillborn	14
Loss of energy/fatigue	12
Panic attacks	10
Physical health problem(s)	9
Physical health problem(s)	g

33%

of calls are about anxiety or depression

12% of calls involve substance use

NATIONAL COUNCIL for Mental Wellbeing



NC Maternal Mental Health MATTERS



NC Maternal Mental Health MATTERS

We help health care providers support the behavioral health needs of their pregnant and postpartum patients. Have a question? Call our consult line!

(919) 681-2909

ext. 2

Please have on hand:

- Patient Name
- Patient DOB
- Patient Zip Code
- · Patient Insurance



ncmatters.org

Visit us online:

NCMatters.org

Sign up for our monthly newsletter:

http://eepurl.com/hblN7z

Send us an email:

ncmatters@unc.edu

NATIONAL
COUNCIL

for Mental
Wellbeing





council for Mental Wellbeing

Introduction to UNC's Perinatal Psychiatry Inpatient Unit

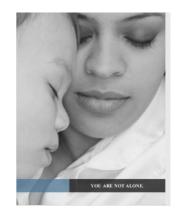
Riah Patterson, MD
Assistant Professor
Medical Director, UNC PPIU

CENTER OF EXCELLENCE for Integrated Health Solutions

Funded by Substance Abuse and Mental Health Services Administration and operated by the National Council for Mental Wellbeing

Perinatal Psychiatry Inpatient Unit







ESTABLISHED: June 2011 and is the first of its kind in the United States. It includes 5 patient beds (private and semi-private). Infants are encouraged to visit for as long as possible, but may not stay overnight.

MISSION: To provide specialized *multidisciplinary care* to assist in the recovery of perinatal (pregnant and postpartum) women from psychiatric illness requiring inpatient care

VISION: A world that understands and provides for the unique mental health needs of women and their families during the critical perinatal period

NATIONAL COUNCIL for Mental Wellbeing

Arch Womens Ment Health (2004) 7:53–58 DOI 10.1007/s00737-003-0046-0

Archives of Women's Mental Health





Special topic

The History of Mother-Baby Units (MBUs) in France and Belgium and of the French version of the Marcé checklist*

O. Cazas¹ and N. M.-C. Glangeaud-Freudenthal²



La Société Marcé Francophone 21 Mother Baby Units (MBUs)
Ranging 4 to 13 beds

Average 8 beds

SCOTLAND

NORTH
WEST

NORTH
WEST

NORTH
WEST

NORTH

SOUTH

SOU

Connellan K, Bartholomaeus C, Due C, Riggs DW. A systematic review of research on psychiatric mother-baby units. Arch Womens Ment Health. 2017 Jun;20(3):373-388. doi: 10.1007/s00737-017-0718-9. Epub 2017 Mar 22. PMID: 28332002.







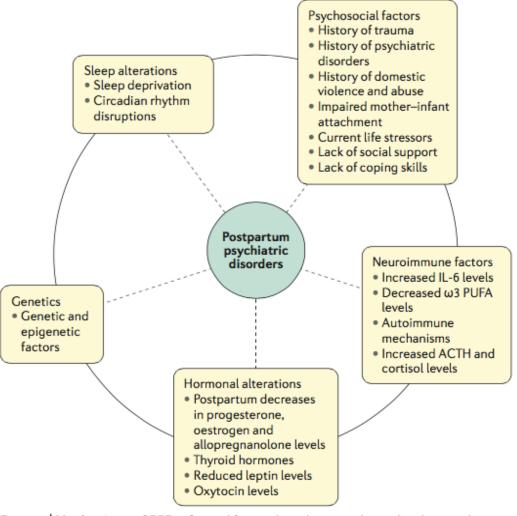
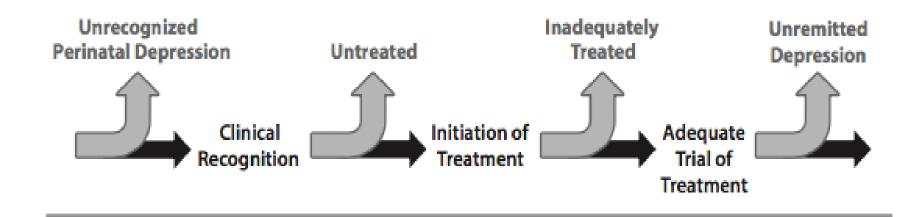


Figure 1 | Mechanisms of PPDs. Several factors have been implicated in the aetiology of postpartum psychiatric disorders (PPDs), including both postpartum depression and postpartum psychosis. These factors include psychosocial factors and biological factors that are specific for pregnancy and the postpartum period, such as drastic alterations in gonadal sex steroids and impaired mother—infant interactions. Whether the aetiology of psychiatric disorders occurring prenatally, during pregnancy or during the postpartum period is different requires future study. ACTH, adrenocorticotropic hormone: PUFA, polyunsaturated fatty acid.

Meltzer-Brody S, Howard LM, Bergink V, Vigod S, Jones I, Munk-Olsen T, Honikman S, Milgrom J. Postpartum psychiatric disorders. Nat Rev Dis Primers. 2018 Apr 26;4:18022. doi: 10.1038/nrdp.2018.22. PMID: 29695824.

The Perinatal Depression Treatment Cascade





95%-97% of women with perinatal depression are not successfully treated

Cox EQ, Sowa NA, Meltzer-Brody SE, Gaynes BN. The Perinatal Depression Treatment Cascade: Baby Steps Toward Improving Outcomes. J Clin Psychiatry. 2016;77(9):1189-200.





Levels of Care



Outpatient Psychiatry
Outpatient Therapy
Intensive Outpatient Therapy
Partial Hospitalization Programs
General Psychiatric Inpatient Unit

- Locked Unit
- Safety & Stabilization
- Mixed genders
- Mixed pathology
- Substance Use
- Psychotic, Crisis, EDU, Geriatric, Child & Adolescent





Unique Features of PPIU



- Private, dedicated perinatal space
- Protected sleep times
- Extended visitation hours to maximize mother-baby interactions
- Lactation consultants, gliders, fridge, hospital grade pump
- Mother-infant attachment therapy
- Family and partner psychotherapy
- Therapeutic yoga
- OB-GYN consultation
- Chaplain support
- RT/OT with perinatal psychiatry focus





PPIU Needs

- Staffing: 1 nurse + 1 Medical Assistant : 5 Patients
- Patients (voluntary and involuntary) admitted from:
 - Emergency Room
 - Transfer from other hospitals (oft OB units or ERs)
 - Direct with help from Admissions Coordinator
 - UNC outpatient clinics
 - In-state and Out-of-state provider referral
 - Self-referral (with clinical sent from provider)
- Review of clinical for appropriateness (e.g., behavioral disturbances that may require seclusion go to other unit, substance use must have mood/anxiety components)
- Overflow patients (often beds full of perinatal patients, waiting list)
 - Reproductive age with mood disorder/anxiety, preferable with children









Day of Admission

Diagnostic Assessment with Psychiatrist

Medication regimen

Tailored therapies, RT/OT

Safety plans

Outpatient follow-up plans

Discharge



	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
8:00 am	Breakfast	Breakfast	Breakfast	Breakfast	Breakfast	Breakfast	Breakfast
9:00 am	MD Rounds	MD Rounds	MD Rounds	MD Rounds	MD Rounds	MD Rounds	MD Rounds
10:00 am	RT Therapy	MD Rounds/Flex Time	MD Rounds/Flex Time	MD Rounds/Flex Time	MD Rounds/Flex Time	Painting	Painting Flex Time
11:00 am	OT Therapy	OT Therapy	OT Therapy	OT Therapy	OT Therapy		
12:00 pm	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch
1:00 pm	Psychotherapy	RT Therapy	RT Therapy	RT Therapy	RT Therapy	Flex Time	Flex Time
2:00 pm		Spirituality	Psychotherapy	Spirituality	Flex Time		
2:30 pm	Yoga (Crisis)				Yoga (Crisis)		
3:00 pm		Flex Time	Yoga	Flex time			Music Therapy
3:30 pm	Flex Time				Flex Time		
4:00 pm							
5:00 pm	Dinner	Dinner	Dinner	Dinner	Dinner	Dinner	Dinner
6:00pm	Music Therapy	Activity Therapy	Free Time	Activity Therapy	Free Time	Free Time	Free Time
11:00 pm	Dayroom Closes	Dayroom Closes	Dayroom Closes	Dayroom Closes	Dayroom Closes	Dayroom Closes	Dayroom Closes
Visiting Hours	12:00 pm – 1:00 pm 4:30 pm – 8:30pm					– 8:30pm	
Flex Time	Flex time represents a timeframe during which various activities can occur, including but not limited to arts, crafts, community, nurse-led groups, and individual assessments						



Arch Womens Ment Health. 2014 April; 17(2): 107-113. doi:10.1007/s00737-013-0390-7.



Evaluating the Clinical Effectiveness of a Specialized Perinatal Psychiatry Inpatient Unit

Samantha Meltzer-Brody, MD, Anna R. Brandon, PhD, Brenda Pearson, MSW, Lynne Burns, RN, Christena Raines, NP, Elizabeth Bullard, MD, and David Rubinow, MD UNC Center for Women's Mood Disorders, Department of Psychiatry, University of North Carolina at Chapel Hill, Chapel Hill, NC 27599-7160

Psychiatric diagnosis at discharge	% (n=91) 60.43 % (55)	
Unipolar depression without psychosis		
Major depression with psychosis	5.50 % (5)	
Mood disorder NOS	8.79 % (8)	
Bipolar disorder	6.59 % (6)	
Schizophrenia/schizoaffective/psychotic disorder NOS	6.59 % (6)	
Anxiety disorder	7.69 % (7)	
Substance-induced mood disorder	4.40 % (4)	
Types of comorbid psychiatric illness		
Anxiety disorder NOS	13.19 (12)	
PTSD	4.40 (4)	
OCD	2.10(2)	
GAD	2.10(2)	
Primary comorbid psychiatric diagnosis made	40.65 % (54)	
Report of suicidal ideation on admission assessment a	86.49 % (64)	

Meltzer-Brody S, Brandon AR, Pearson B, Burns L, Raines C, Bullard E, Rubinow D. Evaluating the clinical effectiveness of a specialized perinatal psychiatry inpatient unit. Arch Womens Ment Health. 2014 Apr;17(2):107-13. doi: 10.1007/s00737-013-0390-7. Epub 2013 Nov 8. PMID: 24201978; PMCID: PMC3961543.





a Item 10 of the EPDS scale

So, what qualifies as a serious mental illness in the perinatal period?



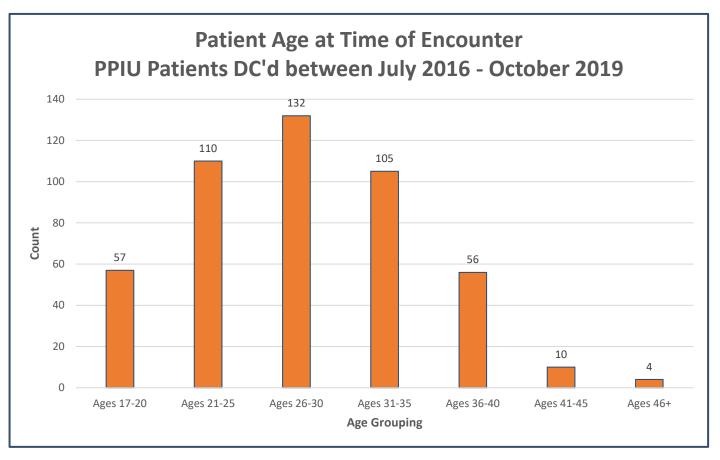
- No single answer
- Assess for safety, imminent dangerousness
- Consider current symptoms and psychiatric history
- Psychosis, suicidality, poor functioning, poor attachment
- Severe PPD, PPP, OCD, anxiety/trauma, substance use

- Consider NC MATTERS
- Consider hospitalization







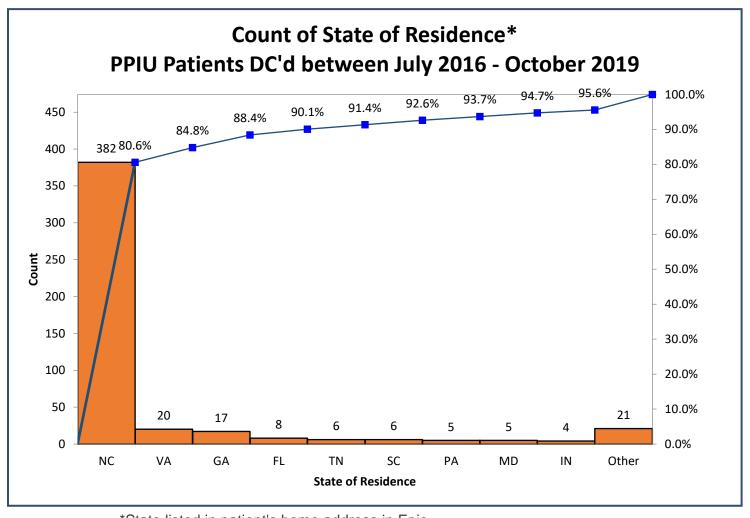


*Ages 46+ includes patients who were ages 46, 50, 51 & 57 at time of encounter



Patient State of Residence



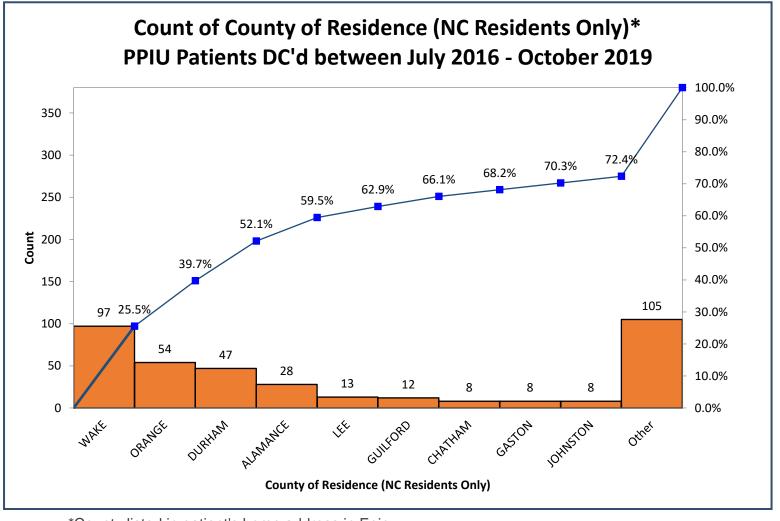






Patient County of Residence

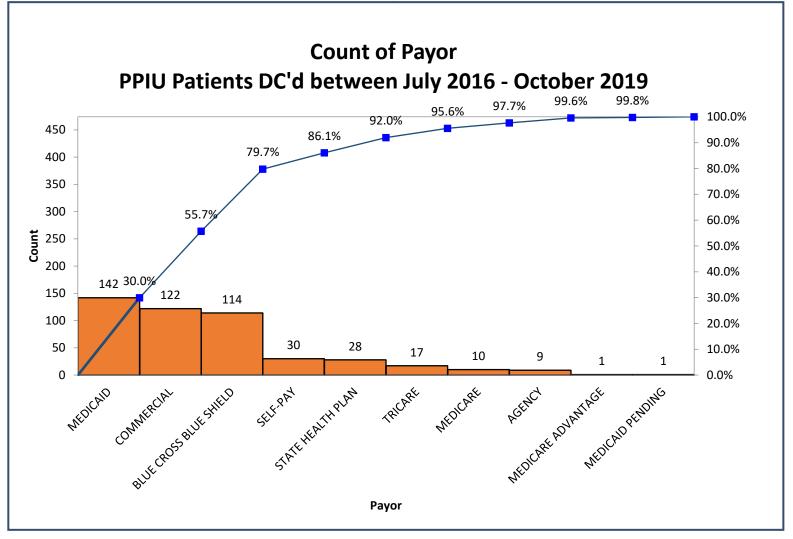




*County listed in patient's home address in Epic



Payor

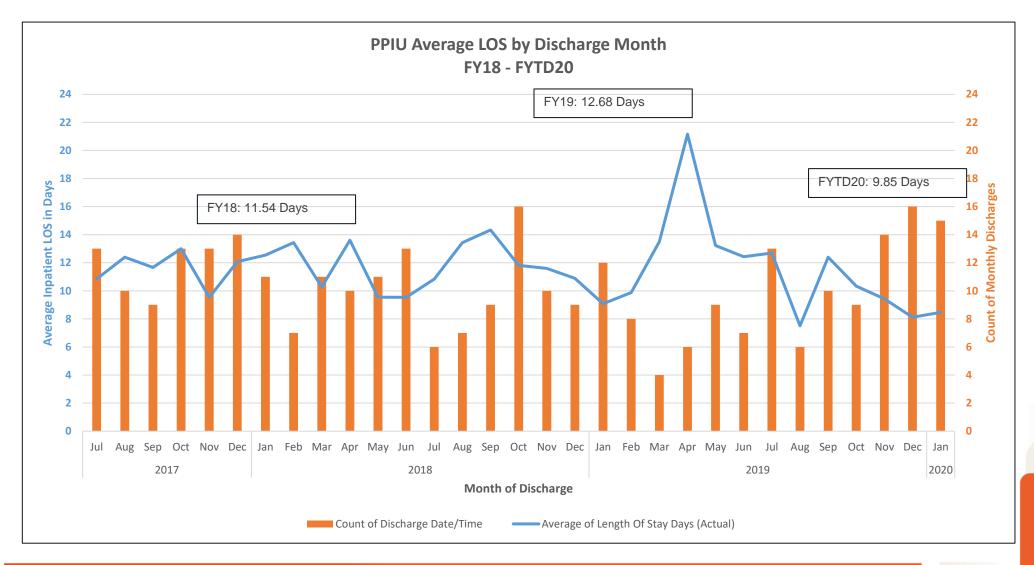




NATIONAL COUNCIL for Mental Wellbeing

PPIU LOS FY18 – FYTD20







Frequently Asked Questions



- Can I get medical care while on the unit? Patients have access to OB consultants, lactation consultants, and other hospital specialties as they are available and indicated.
- **How long is a typical admission?** This varies by patient, but on average 7-10 days. The admission may be longer if the patient starts ECT or has been ill for many months.
- What are the visitation policies? Visitation is currently allowed from 3p-7p. Each patient can have 2 adult visitors and the infant. We also allow frequent facetime/virtual interactions between patients and their family.
- Can I breastfeed when my baby visits? Absolutely. We have 3 private rooms which are prioritized for lactating women. Women will have access to hospital grade breast pumps and breastmilk storage.
- What are your covid policies? Patients and staff follow hospital covid protocols, wear masks, try to socially distance, and we require covid pcr testing with 48 hours prior to admission and 5 days into the admission.

NATIONAL
COUNCIL
for Mental
Wellbeing



Finance FAQs

 Initial funds were provided by the hospital and the psychiatry department in renovating the space

- Regular inpatient unit at Academic Medical Center
 - Accept all types of insurance including Medicaid
 - Those without insurance meet with hospital staff to enroll in Medicaid when possible
- Staff that run groups are funded as on any other psychiatric unit





Education & Research



Trainees:

- Psychiatry Residents: 4 week rotations
- Medical Students: 4 week "Acting Intern" opportunities
- Psychology Interns: Opportunities to provide therapy
- Nursing Students: Opportunity to spend a day on the PPIU
- Pharmacist Students
- OT and RT Students
- Chaplain Students
- OB/GYN Residents: Exposure from consultations





SCHOOL OF MEDICINE DEPARTMENT of PSYCHIATRY

WILEY

SHORT COMMUNICATION

Open-label, proof-of-concept study of brexanolone in the treatment of severe postpartum depression

Stephen J. Kanes¹ | Helen Colquhoun¹ | James Doherty¹ | Shane Raines² | Ethan Hoffmann¹ | David R. Rubinow³ | Samantha Meltzer-Brody³

Correspondence

Samantha Meltzer-Brody, Campus Box #7160, Department of Psychiatry, University of North Carolina, Chapel Hill, NC 27599, USA. Email: samantha_meltzer-brody@med.unc.edu

Abstract

Objective Preclinical evidence indicates that rapid changes in levels of allopregnanolone, the predominant metabolite of progesterone, confer dramatic behavioral changes and may trigger postpartum depression (PPD) in some women. Considering the pathophysiology of PPD (i.e., triggered by reproductive steroids), the need for fast-acting, efficacious treatments and the negative consequences of untreated PPD, there is an increasing focus on developing PPD therapies. Brexanolone (USAN; formerly SAGE-547 Injection), a proprietary injectable allopregnanolone formulation, was evaluated as a treatment for severe PPD in a proof-of-concept, open-label study.

Kanes SJ, Colquhoun H, Doherty J, Raines S, Hoffmann E, Rubinow DR, Meltzer-Brody S. Open-label, proof-of-concept study of brexanolone in the treatment of severe postpartum depression. Hum Psychopharmacol. 2017 Mar;32(2):e2576. doi: 10.1002/hup.2576. PMID: 28370307; PMCID: PMC5396368.



NATIONAL
COUNCIL

for Mental
Wellbeing

¹Sage Therapeutics, Inc., Cambridge, MA, USA

² 2b Analytics, Wallingford, PA, USA

³ Department of Psychiatry, University of North Carolina, Chapel Hill, NC, USA

References

Krohn H, Meltzer-Brody S. The history of perinatal psychiatry. UNC Perinatal Psychiatry Handbook. Springer 2021.

Trede K, Baldessarini RJ, Viguera AC, Bottero A. Treatise on insanity in pregnant, postpartum, and lactating women (1858) by Louis-Victor Marce: a commentary. Harv Rev Psychiatry. 2009;17(2):157-65.

Connellan K, Bartholomaeus C, Due C, Riggs DW. A systematic review of research on psychiatric mother-baby units. Arch Womens Ment Health. 2017 Jun;20(3):373-388. doi: 10.1007/s00737-017-0718-9. Epub 2017 Mar 22. PMID: 28332002.

Meltzer-Brody S, Howard LM, Bergink V, Vigod S, Jones I, Munk-Olsen T, Honikman S, Milgrom J. Postpartum psychiatric disorders. Nat Rev Dis Primers. 2018 Apr 26;4:18022. doi: 10.1038/nrdp.2018.22. PMID: 29695824.

Cox EQ, Sowa NA, Meltzer-Brody SE, Gaynes BN. The Perinatal Depression Treatment Cascade: Baby Steps Toward Improving Outcomes. J Clin Psychiatry. 2016;77(9):1189-200.

Arch Womens Ment Health. 2014 April; 17(2): 107–113. doi:10.1007/s00737-013-0390-7.

Meltzer-Brody S, Brandon AR, Pearson B, Burns L, Raines C, Bullard E, Rubinow D. Evaluating the clinical effectiveness of a specialized perinatal psychiatry inpatient unit. Arch Womens Ment Health. 2014 Apr;17(2):107-13. doi: 10.1007/s00737-013-0390-7. Epub 2013 Nov 8. PMID: 24201978; PMCID: PMC3961543.

Kanes SJ, Colquhoun H, Doherty J, Raines S, Hoffmann E, Rubinow DR, Meltzer-Brody S. Open-label, proof-of-concept study of brexanolone in the treatment of severe postpartum depression. Hum Psychopharmacol. 2017 Mar;32(2):e2576. doi: 10.1002/hup.2576. PMID: 28370307; PMCID: PMC5396368.

Kimmel MC, Lara-Cinisomo S, Melvin K, Di Florio A, Brandon A, Meltzer-Brody S. Treatment of severe perinatal mood disorders on a specialized perinatal psychiatry inpatient unit. Arch Womens Ment Health. 2016 Aug;19(4):645-53. doi: 10.1007/s00737-016-0599-3. Epub 2016 Jan 22. PMID: 26802019.

Meltzer-Brody S, Colquhoun H, Riesenberg R, Epperson CN, Deligiannidis KM, Rubinow DR, Li H, Sankoh AJ, Clemson C, Schacterle A, Jonas J, Kanes S. Brexanolone injection in post-partum depression: two multicentre, double-blind, randomised, placebo-controlled, phase 3 trials. Lancet. 2018 Sep 22;392(10152):1058-1070. doi: 10.1016/S0140-6736(18)31551-4. Epub 2018 Aug 31. Erratum in: Lancet. 2018 Sep 29;392(10153):1116. PMID: 30177236.





Questions, Comments?





Tools & Resources

- <u>Perinatal Health Part 1: The Case for Integration & Considerations Across the Continuum of Care</u>
- Perinatal Health Part 2: Perinatal Behavioral Health Care in a CCBHC
- Perinatal Health Part 3: Integrating Services for Pregnant and Postpartum People in High Need Settings
- NCMatters.org
- https://ncsacw.samhsa.gov/resources/opioid-use-disorders-and-medication-assisted-treatment/treatment-of-opioid-use-disorders-in-pregnancy.aspx
- https://store.samhsa.gov/product/Opioid-Use-Disorder-and-Pregnancy/sma18-5071fs1
- 24 hour MAT
- NAS/ NOWS & Navigating the system



Tools & Resources

- Care Plus NJ
- Centers for Medicare and Medicaid Services <u>Improving Maternal Health and Extending Postpartum Coverage in Medicaid and the Children's Health Insurance Program (CHIP)</u>
- Fetal Alcohol Spectrum Disorders Research Briefs
- Integrating Substance Use Disorder and OB/GYN Care Brief
- Maternal, Infant, and Child Health Healthy People 2020
- Perinatal Mental Health Alliance for People of color
- Perinatal Depression: Preventive Interventions
- WNY Postpartum Connection Inc: Directory of Mental Health and Support Services for Pregnant and Post Partum People of Color
- HRSA Maternal & Child Health Maternal and Child Health Bureau
- California Maternal Quality Care Collaborative (CMQCC) Toolkits
- Alliance for Innovation on Maternal Health
- American Academy of Pediatrics
- American Hospital Association Better Health for Mothers and Babies
- Women's Health Journal Article: Improving Latinas' Perinatal Mental Health During COVID-19 Crisis





Upcoming CoE Events

CoE-IHS Webinar: CHI Part 4- Payment Models for Comprehensive Health Integration Register for the webinar on Wednesday, July 27th at 1-2pm EST

Interested in an individual consultation with the CoE experts on integrated care?

Contact us through this form here!

Looking for free trainings and credits?

Check out integrated health trainings from Relias here

Subscribe for Center of Excellence Updates

Subscribe here

NATIONAL COUNCIL for Mental Wellbeing

Thank you!

Questions? Email integration@thenationalcouncil.org

SAMHSA's Mission is to reduce the impact of substance abuse and mental illness on America's communities.

www.samhsa.gov

1-877-SAMHSA-7 (1-877-726-4727) 1-800-487-4889 (TDD)

NATIONAL COUNCIL for Mental Wellbeing