



Maternal-Child (and Family) Mental Health MATTERS

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UNC
SCHOOL OF MEDICINE

DEPARTMENT of PSYCHIATRY



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COMMITTEE OPINION

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Committee on Obstetric Practice

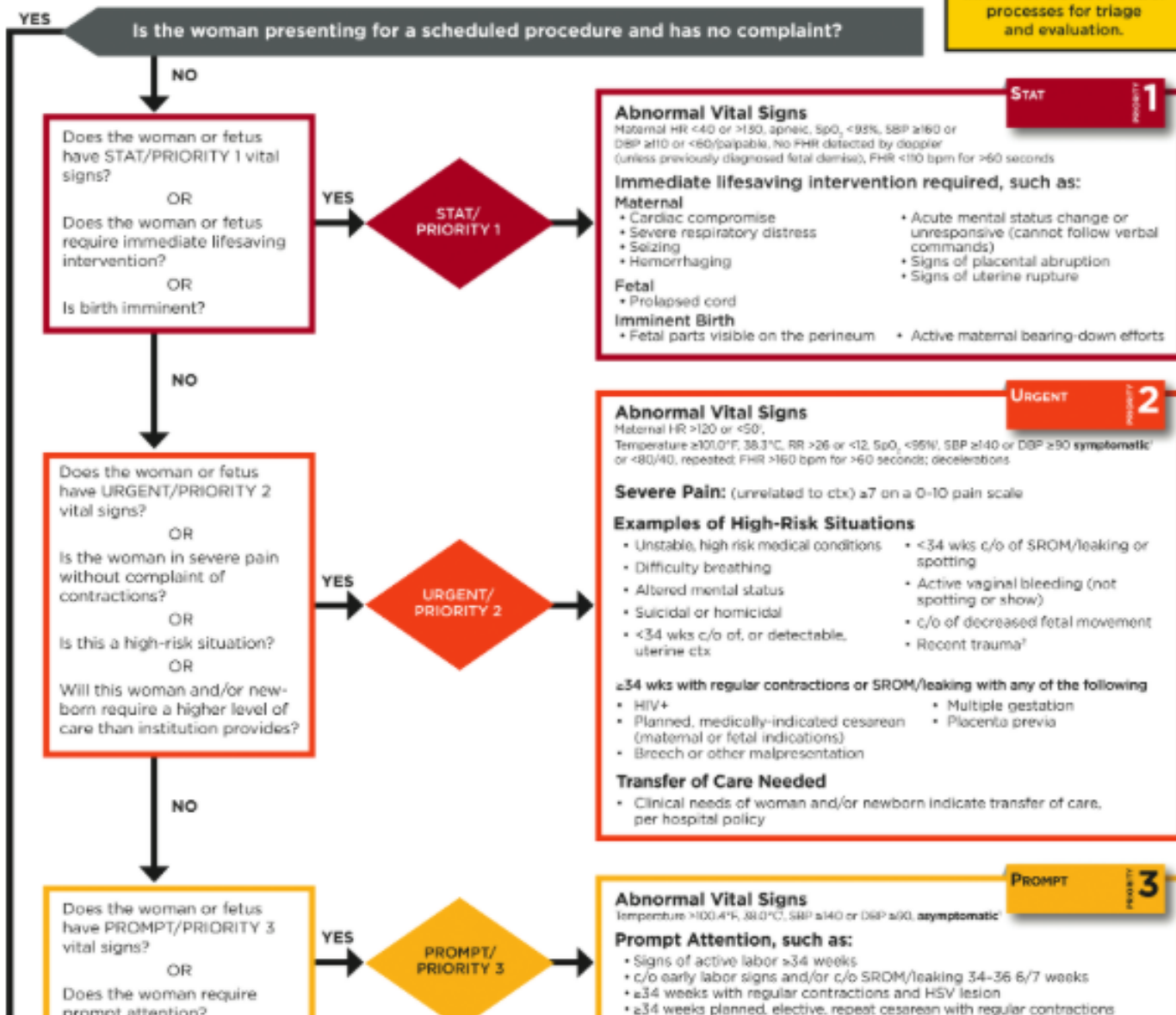
This Committee Opinion was developed by the American College of Obstetricians and Gynecologists' Committee on Obstetric Practice in collaboration with committee members George A. Macones, MD; Christian M. Pettker, MD; Maria A. Masciola, MD, MPH; and R. Phillips Heine, MD.

This document reflects emerging clinical and scientific advances as of the date issued and is subject to change. The information should not be construed as dictating an exclusive course of treatment or procedure to be followed.



Maternal Fetal Triage Index (MFTI)

Implement appropriate infectious disease control processes for triage and evaluation.









Objectives

- Overview of Perinatal Mood and Anxiety Disorders (PMAD)
 - » Prevalence
 - » What is known in NC
- NC Maternal Mental Health MATTERS
 - » Screening
 - » Assessment
 - » Treatment
- Future Directions
- Recommendations



Overview of Perinatal Mood and Anxiety Disorders





Antenatal and Postpartum Depression

PREVALENCE

- Pregnancy is not protective against depression and anxiety
- Between 10-20% of women will experience AND and PPD

References: Gaynes, et al 2005; Bansil et al 2010; Aizer and Currie 2014; Schlotz and Phillips, 2009; Raikkonen et al 2012; Thomas et al 2009; O'Donnell and Meaney, 2017; Grigoriadis et al 2013; Qiu et al 2009; Huizink et al 2002; Werner et al 2007; Davis et al 2007; Pawlby et al 2011; O'Donnell and Meaney, 2017; Palladino et al 2011; Gentile 2011; Oates 2003; Lindahl et al 2005



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NEGATIVE OUTCOMES

- Severe anxiety is a common symptom and can be crippling
- Suicide is one of the largest contributors to maternal mortality

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- Delayed cognitive and socioemotional development

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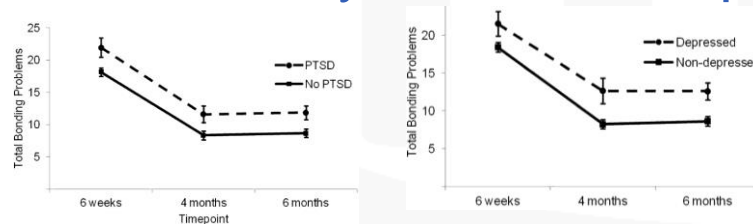
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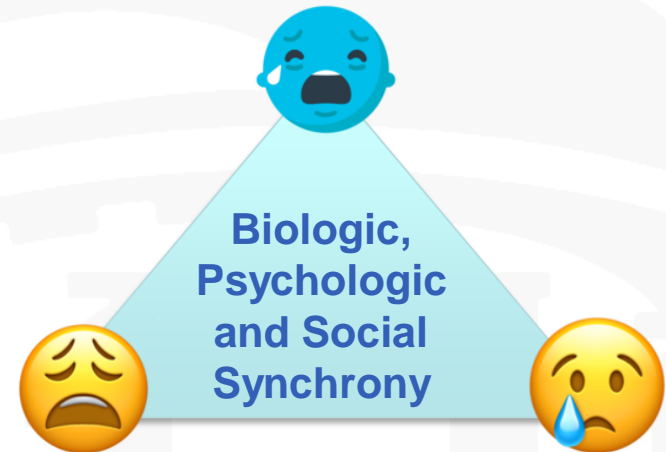
NEGATIVE OUTCOMES

- Severe anxiety is a common symptom and can be crippling
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- Preeclampsia, Preterm Birth
- Delayed cognitive and socioemotional development
- ADHD, Depression, and Psychosis in Offspring



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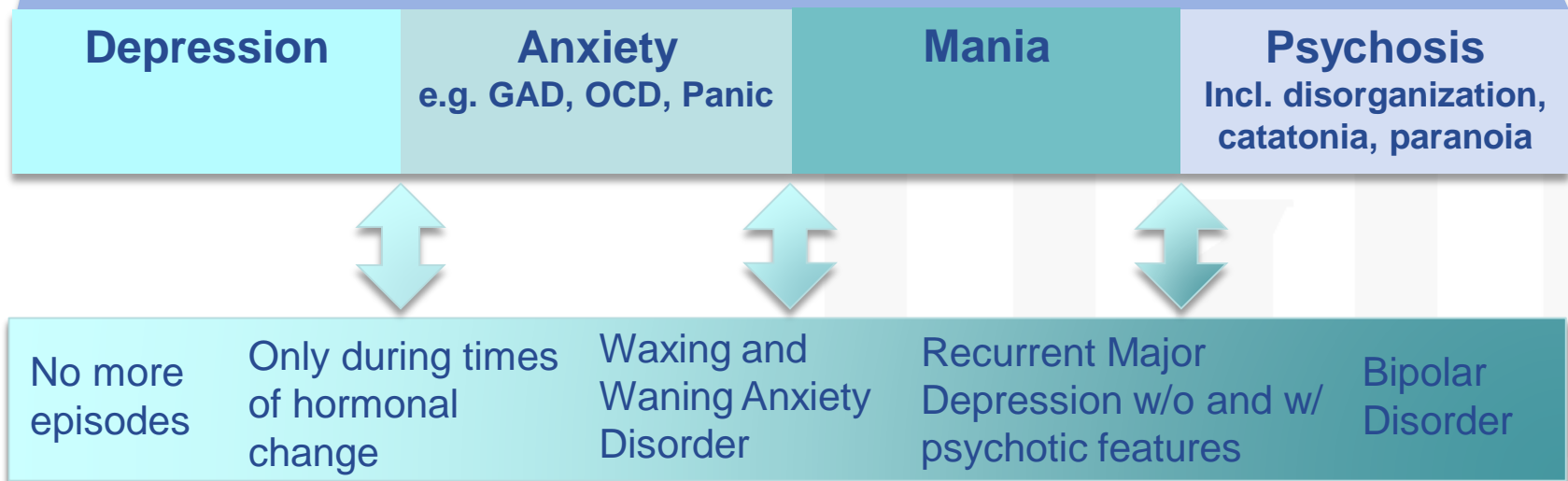
Perinatal Mood and Anxiety Disorders and Families



- Partners are affected by PPD by supporting and coping with their partner's symptoms but also by experiencing depression (Paulson and Bazemore, 2010)
 - » 24% to 50% of partners experience depression along with their partner (Goodman 2004), 1/10 fathers experience depression in the first year (Kessler et al 2003)
 - » Non-gestational carrier parents are balancing all the changes of having a baby too!



Perinatal Mood and Anxiety Disorders





Perinatal Mood and Anxiety Disorders

Depression

Anxiety
e.g. GAD, OCD, Panic

Mania

Psychosis
Incl. disorganization,
catatonia, paranoia



No more
episodes

Only during times
of hormonal
change

Waxing and
Waning Anxiety
Disorder

Recurrent Major
Depression w/o and w/
psychotic features

Bipolar
Disorder

Substance
Abuse

Eating
Disordered
Behavior

Attachment
Problems

Attention
and
Cognition

Non
Affective
Psychosis

Trauma



NC Maternal Mental Health MATTERS

(Making Access to Treatment, Evaluation, Resources & Screening Better)

Aims

- Enhance systems for screening, assessment and treatment of behavioral health disorders in pregnant and postpartum women
- Support local providers through training and in the integration of maternal mental health into primary care practice





The MATTERS Team

Program :

Dr. Mary Kimmel, Hannah Rackers, Dr. Gary Maslow, Kendra Rosa, Dr. Naomi Davis



NC DHHS Partners:

Belinda Pettiford
Becky Moore-Patterson
Tara Owens Shuler

OB Champion:

Dr. Alison Stuebe

Substance Use Expert:

Dr. Hendree Jones

Perinatal Mental Health Specialists:

Liz Cox, Edith Gettes, Samantha Meltzer-Brody, Susan Michos, Chris Raines, Erin Richardson, Marla Wald

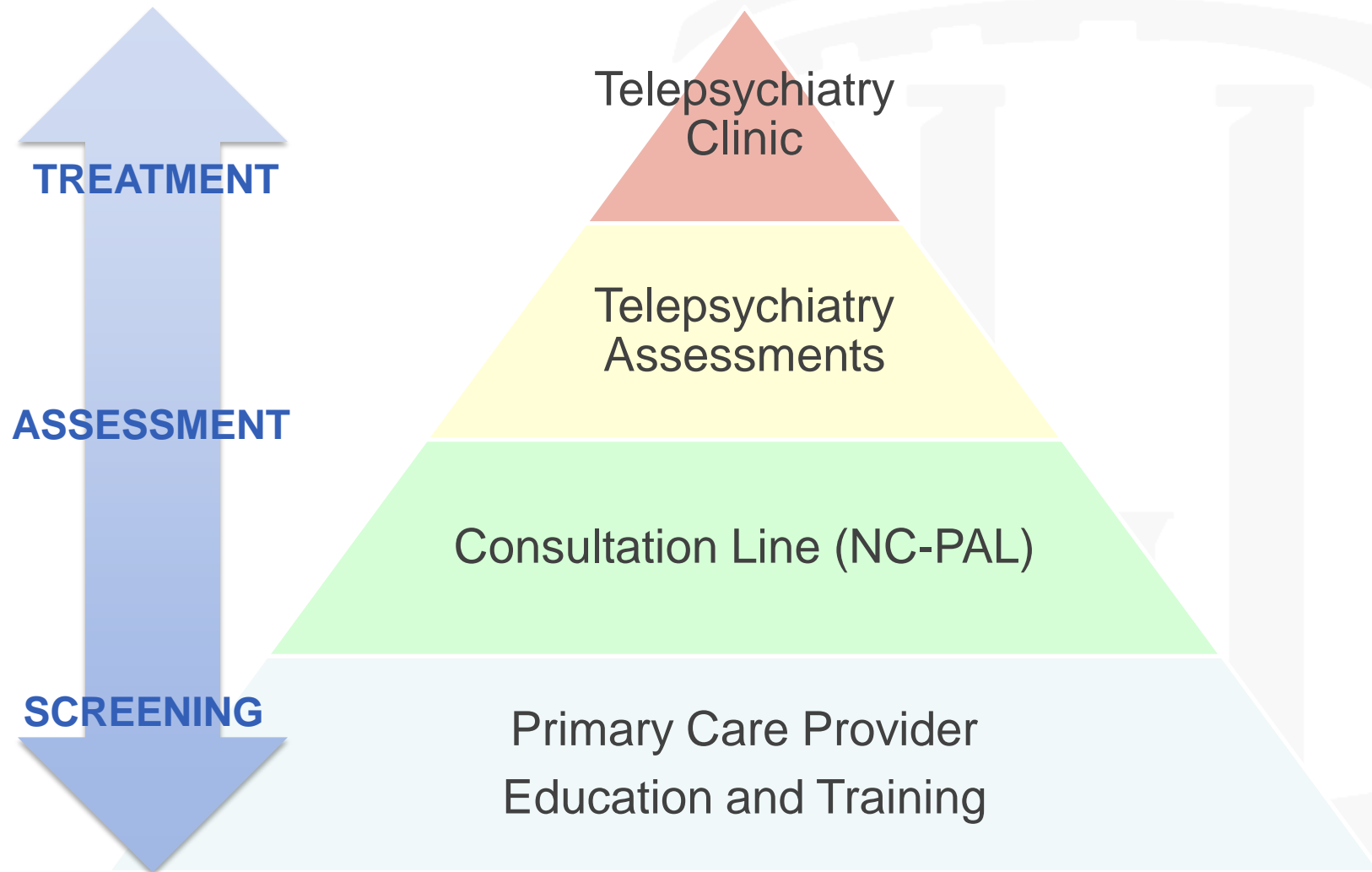


Care Coordinators:

Valon Alford, Bethany Bivens, Marquis Eloi

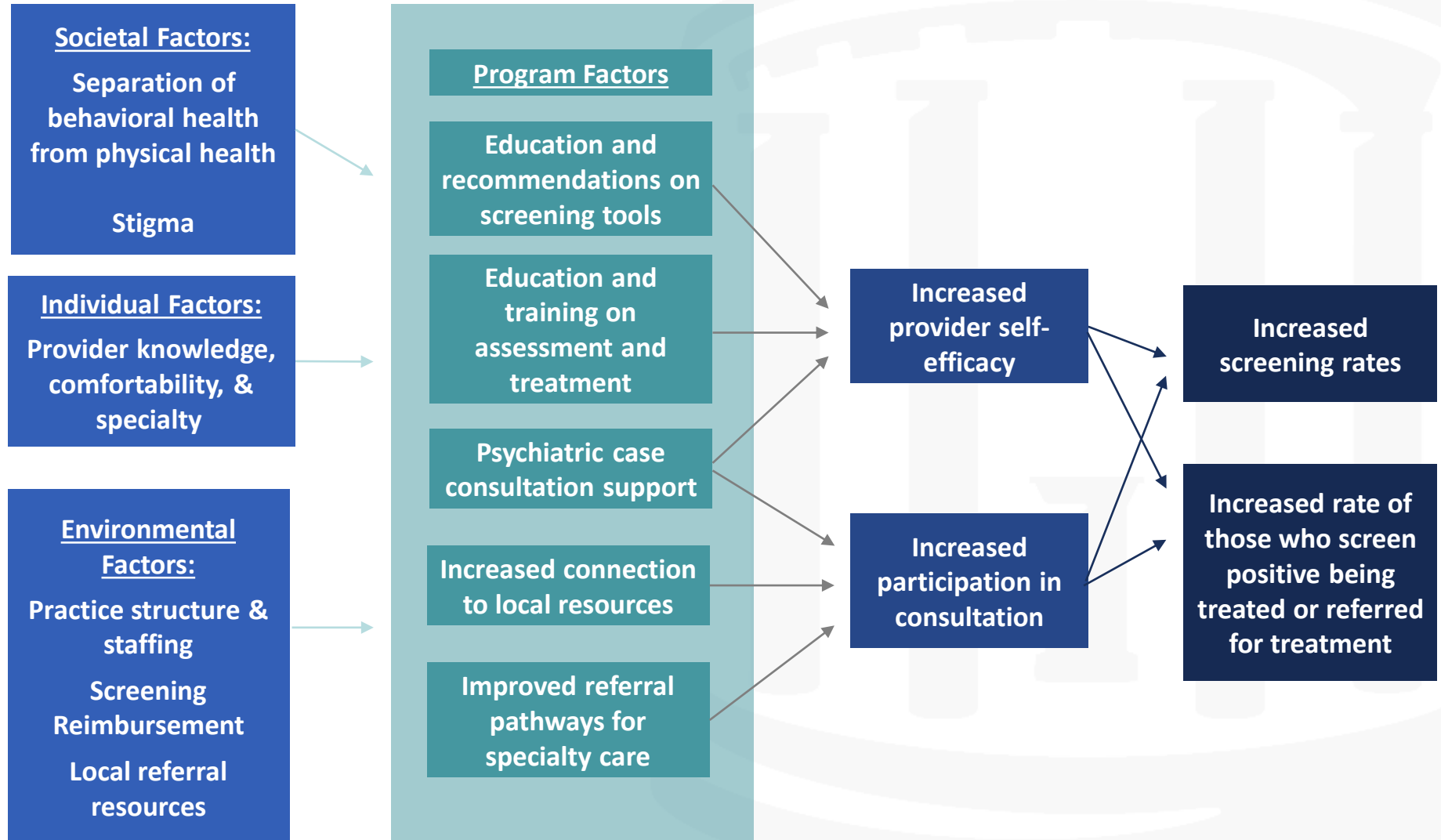


Program Components: Tiers of Patient and Provider Support





Program Conceptual Model





Provider Education and Training



- SCREENING**
- Screening toolkit designed for medical home
 - Provided in partnership with Postpartum Support International (PSI) on components of care for perinatal mental health
 - Provider specific support via consultation line
 - Practice specific support during enrollment visit and ongoing through lunch and learns
 - Webinar series and case discussions



Consultation Line



ASSESSMENT & TREATMENT

- For primary care providers to treating mental health concerns
- Staffed by UNC and Duke perinatal mental health specialists
- Case specific consultation and support
- Care coordination services to ensure connections to appropriate local resources



Mental Health Assessments



ASSESSMENT & TREATMENT

- For higher-need patients who may be treated locally but need further evaluation
- Psychiatric assessments completed by a Perinatal Mental Health Specialist (PMHS) in-person or via Telehealth
- Care coordination services to ensure connections to appropriate local resources



Ongoing Care



TREATMENT

- For patients that need specialized care and do not have local resources
- Treatment in UNC's Women's Mood Disorder Clinic in-person or via Telehealth by PMHS
- Care coordination services to ensure connections to other needed services

Perinatal Psychiatry Inpatient Unit



5 bed inpatient psychiatric unit for pregnant and postpartum women

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*

PPIU Admissions Coordinator

Laurie Gardner 984-975-3834



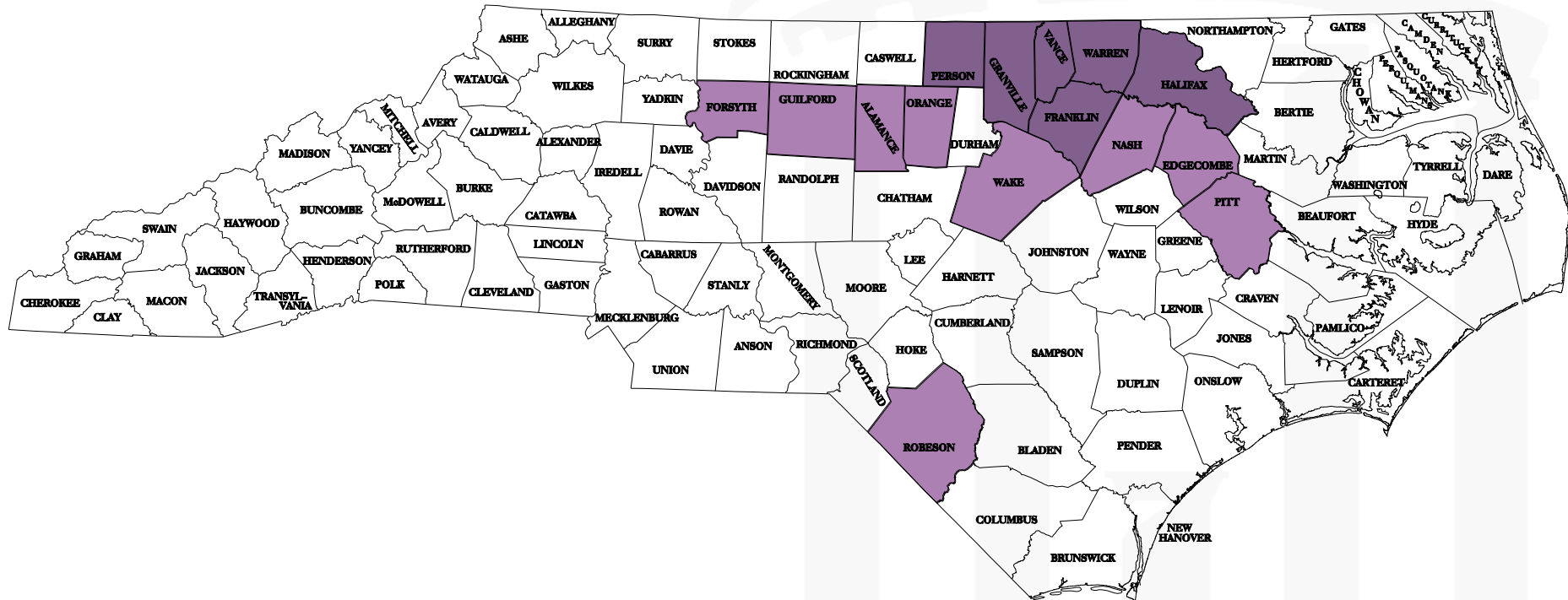
Family Room



Patient Room

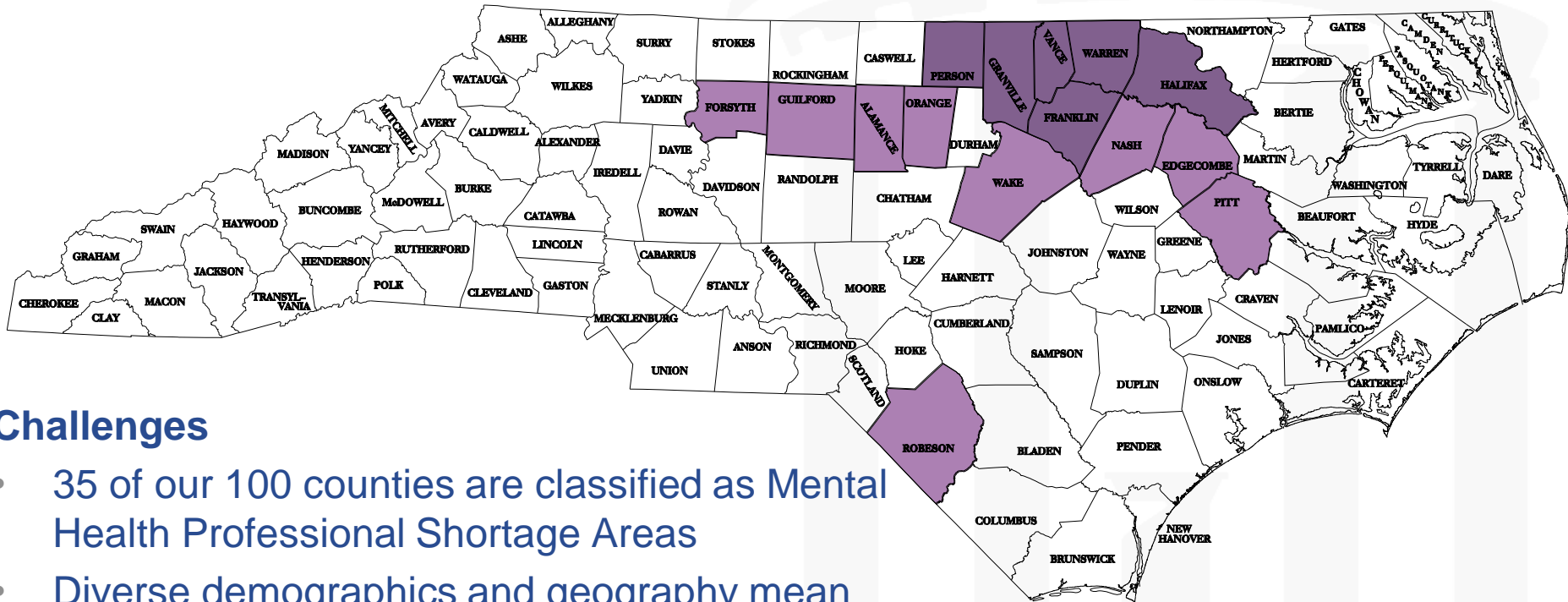


5-Year Target Counties





5-Year Target Counties



Challenges

- 35 of our 100 counties are classified as Mental Health Professional Shortage Areas
- Diverse demographics and geography mean that needs, resources, and access vary greatly across the state



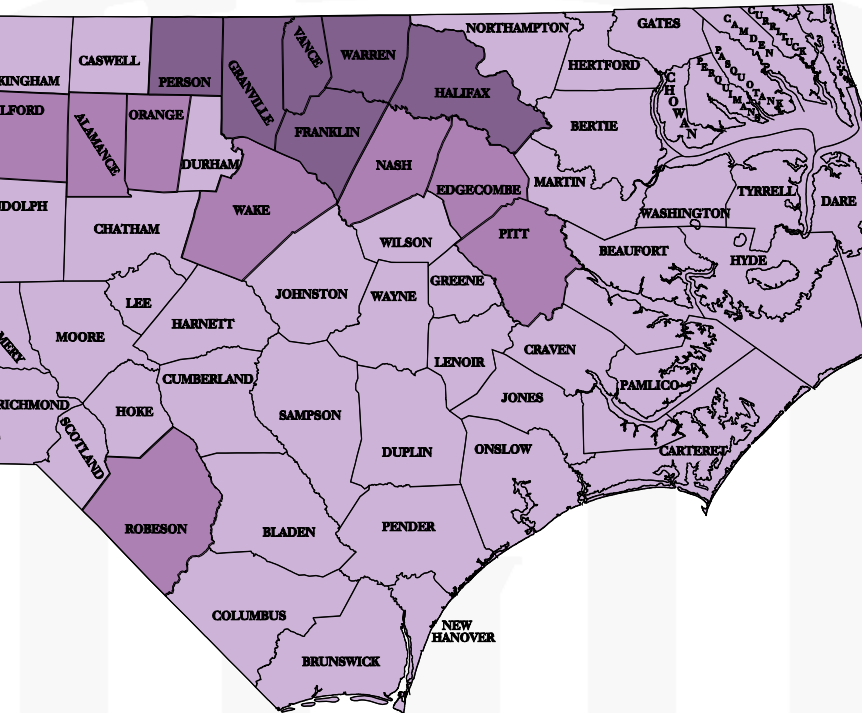
2019		2020 - 2023			
Summer	Fall	2020	2021	2022	2023
<ul style="list-style-type: none"> ❖ PSI Training Kick-Off ❖ Launch Screening Tool Kit ❖ Launch Website ❖ Consultation Phone Line and Telepsychiatry Clinic Launch (July) ❖ Develop monitoring and evaluation plan 	<ul style="list-style-type: none"> ❖ Enroll practices and identify their current practices and telepsychiatry capabilities: <ul style="list-style-type: none"> • Warren • Granville • Vance • Halifax • Person • Franklin ❖ Convene Stakeholder Group for Sustainability ❖ Reach out to NC ACOG, Midwives of NC, NC Pediatric Society, NC Academy of Family Physicians ❖ Set baseline for evaluation indicators 	<ul style="list-style-type: none"> ❖ Refine policies and procedures from lessons learned ❖ Enroll practices and identify their current practices and telepsychiatry capabilities: <ul style="list-style-type: none"> • Orange • Wake • Alamance ❖ Case Discussions (Similar to ECHO model) ❖ Seminars on Perinatal Mood and Anxiety Disorders, Interventions for PMAD 	<ul style="list-style-type: none"> ❖ Refine policies and procedures from lessons learned ❖ Enroll practices and identify their current practices and telepsychiatry capabilities: <ul style="list-style-type: none"> • Edgecombe • Nash • Pitt ❖ Case Discussions (Similar to ECHO model) ❖ Seminars on Substance Abuse, Mother-Baby Attachment, PTSD and trauma, Psychosis 	<ul style="list-style-type: none"> ❖ Refine policies and procedures from lessons learned ❖ Enroll practices and identify their current practices and telepsychiatry capabilities: <ul style="list-style-type: none"> • Robeson • Forsyth • Guilford ❖ Case Discussions (Similar to ECHO model) ❖ Seminars on ADHD/Eating Disorders/ Personality Disorders Healthy Start, Home Visiting, Collaborative Care 	<ul style="list-style-type: none"> ❖ Refine policies and procedures from lessons learned ❖ Sustainability plan ❖ Case Discussions (Similar to ECHO model) ❖ Seminars on Resources ❖ Plan for statewide expansion ❖ Endline evaluation




Future Directions



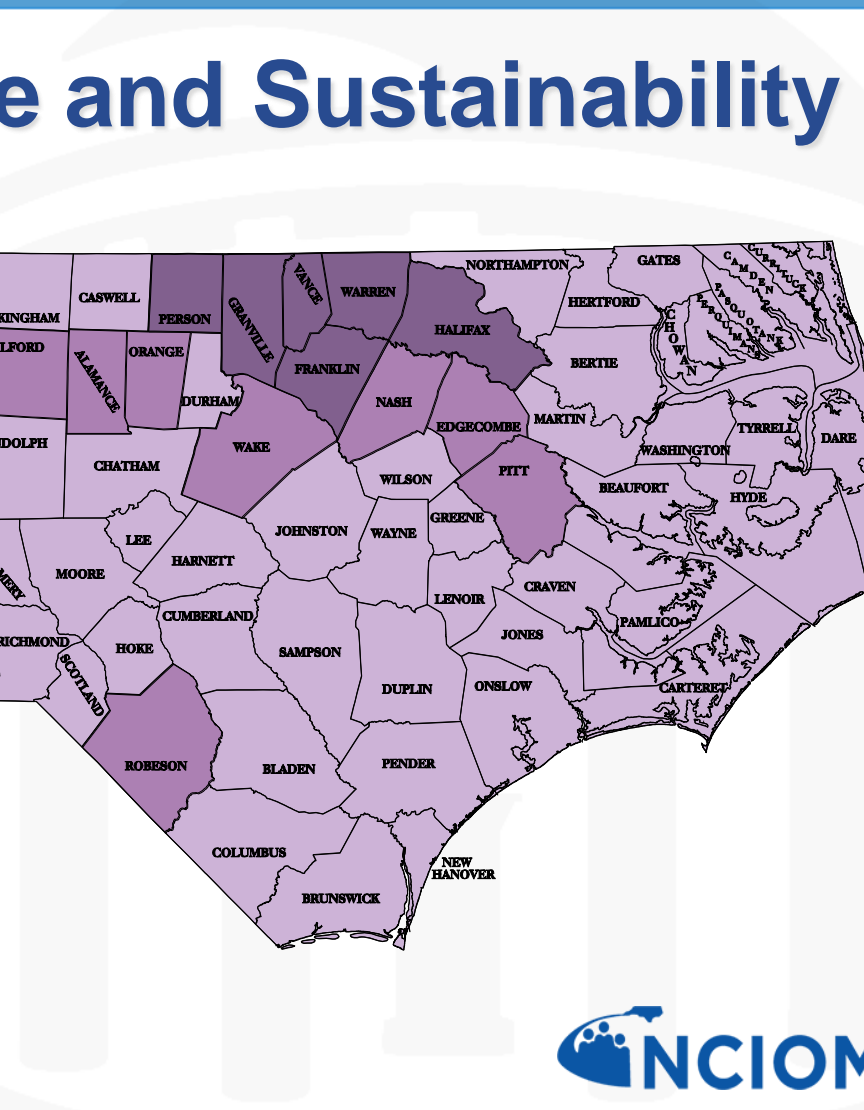
Health and Sustainability



A map of North Carolina showing its 100 counties. The counties are labeled with their names. The map is oriented with the Atlantic Ocean to the east. The counties are color-coded in shades of purple and blue. The map is a key element in the presentation, illustrating the geographical scope of the research.



The logo for the North Carolina Institute of Medicine and Oral Health (NCIOM). It features a stylized blue globe with three white dots representing people, followed by the acronym "NCIOM" in a bold, blue, sans-serif font.





Other Evidence-Based Practices

- Data systems for population level monitoring
- Collaborative care
- Peer support
- Expansion of home visiting



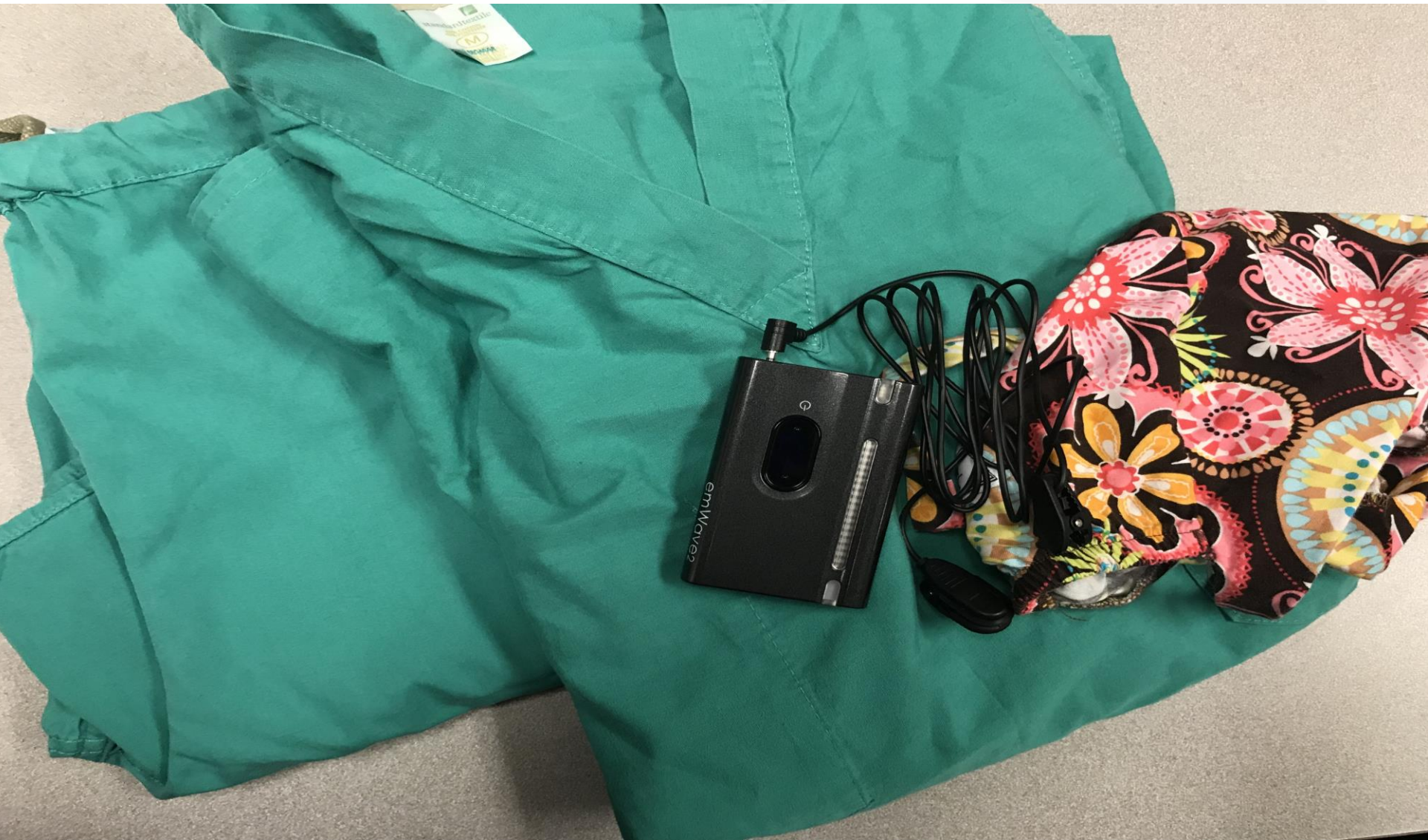
MATERNAL MENTAL
HEALTH ALLIANCE
Awareness Education Action



Mental Health
Foundation

“Never underestimate the power of a woman, the love of a mother for her baby or the ability of a woman who has suffered to support other women.” Diane Flores







Recommendations?



Thank you!

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www.womensmooddisorders.org

UNC PPIU Inpatient Admissions:

Laurie Gardner 984-975-3834

UNC Outpatient Clinic:

General Line: 984-974-5217

New Patient Line: 984-974-3989