

Training through a Novel Community-Engaged Research Project to Reduce Pregnancy-Associated Morbidity and Mortality from Maternal Sepsis in New York City

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Introduction

Engaging Communities to Reduce

Morbidity from Maternal Sepsis

- Maternal sepsis is the second-leading cause of maternal mortality in the U.S., with a disproportionate impact among racial and ethnic minorities.
- We aimed to contribute to Aim 3 of EnCoRe MoMS by conducting qualitative in-depth interviews (IDIs) and focus group discussions (FGDs) with postpartum patients to explore the lived experiences, needs, and perceived solutions for maternal care continuity, sepsis prevention, and promotion of equity in postpartum.

Methods

- We conducted IDIs patients (N=16) with delivery/postpartum complications including preterm premature rupture of membranes (n=10), chorioamnionitis (n=5), and sepsis (n=2).
- We conducted FGDs with 12 community members including doulas, community health workers, etc.
- Patients and community stakeholders provided feedback on a patient education handout on sepsis.

Key Takeaways

- IDIs and FGDs uncovered patients' experiences, needs, and barriers to adequate maternal health care.
- IDIs and FGDs revealed a need for increased education and awareness about delivery/postpartum complications.
- Patients expressed unmet needs in services including mental health support and home visiting programs.

Preliminary Findings from Patient IDIs

Maternal Sepsis

Knowledge

Lack of prior maternal sepsis

Provided feedback on patient

knowledge among patients

Prenatal and L&D Experiences

- Lack of continuity in provider
- Lack of information on potential risks/complications of pregnancy and delivery

Respectful Care

Trust in provider but poor

Lack of respect for religious

beliefs in context of abortion

communication

education handout

Utility of mental health

Facilitators & Barriers to **Accessing Maternal Care**

- Preferences for virtual vs. inperson appointments
- Greater need for family support with driving, childcare, etc. during appointments

Community-based Resources & Solutions

- Need for mental health services
- Need for greater incorporation of doulas into care team

Postpartum Care

resources postpartum following traumatic birth

Continuity

Difficult transition to postpartum with baby in NICU

"...it's very easy to write off as oh I'm pregnant, my stomach hurts or I feel like foggy brain or confusion." Signs of Sepsis Patient Feedback "I think it's pretty informative. I like on Maternal the visuals. It provides helpful Emoji Sepsis Education information." Inclusion Handout "No, this is great. I'm looking at it as Positive you're scrolling up right now and it's Feedback very informative. I wasn't spoken to about that."