Creating the Capacity to Screen Deaf Women for Perinatal Depression [poster]

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Creating the Capacity to Screen Deaf Women for Perinatal Depression

Kelly S. Wolf Craig, Melissa L. Anderson, Kathleen Biebel, Nancy Byatt, Sheri Hostovsky, Maureen Bligh, & Kristin Walker

Perinatal depression impacts **1 out of 9 mothers** in the general population.¹

Deaf women receive **sub-optimal maternal health care** and report more **dissatisfaction** with their overall prenatal care experiences due to systemic linguistic and attitudinal barriers.²

These barriers leave Deaf women vulnerable to development or exacerbation of depression during the perinatal period, which can have a detrimental, multi-generational impact.

Yet, the Edinburgh Postnatal Depression Screen (EPDS) is **inaccessible to Deaf mothers** due to severe disparities in English literacy and health literacy.⁴, ⁵, ⁶

In 2015, the U.S. Preventive Services Task Force and the American College of Obstetricians and Gynecologists recommended **depression screening** for **all** pregnant and postpartum women.³

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**Community-Engaged Method:**

- **Team includes:**
  - Deaf Co-I
  - ASL-fluent Co-I
  - 2 Deaf Community Advisors (Deaf laypeople)

- **Forward translate EPDS from English to ASL**

- **Back translate EPDS from ASL to English**

- **Equivalence comparison; Team-approved ASL EPDS filmed**

- **Recruit 50 Deaf perinatal women from across U.S.**

- **Deaf Community Advisors administer ASL EPDS on videophone**

- **40% of filmed calls will undergo fidelity checks**

- **Psychometric data analyses**

- **Disseminate findings to Deaf Community, scientific community, and continue research endeavors**

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¹ Ko, Rockhill, Tong, Morrow, & Farr (2017)
² O’Hearn (2006)
³ ACOG (2006, 2010)
⁴ Gallaudet Research Institute (2003)
⁵ Barnett S, McKee, Smith, & Pearson (2011)
⁶ Anderson & Kobek Pezzarossi (2012)