

MaineHealth

MaineHealth Knowledge Connection

Costas T. Lambrew Research Retreat 2021

Costas T. Lambrew Research Retreat

2021

Exploring OB/GYN provider knowledge, practice and confidence levels before and after ACEs training

Nadi Nina Kaonga
Maine Medical Center

Alexandra Turnbull
Maine Medical Center

Paula Vokey
Maine Medical Center

Julia Brock
Maine Medical Center

Follow this and additional works at: <https://knowledgeconnection.mainehealth.org/lambrew-retreat-2021>



Part of the [Obstetrics and Gynecology Commons](#)

Recommended Citation

Kaonga, Nadi Nina; Turnbull, Alexandra; Vokey, Paula; and Brock, Julia, "Exploring OB/GYN provider knowledge, practice and confidence levels before and after ACEs training" (2021). *Costas T. Lambrew Research Retreat 2021*. 52.

<https://knowledgeconnection.mainehealth.org/lambrew-retreat-2021/52>

This Book is brought to you for free and open access by the Costas T. Lambrew Research Retreat at MaineHealth Knowledge Connection. It has been accepted for inclusion in Costas T. Lambrew Research Retreat 2021 by an authorized administrator of MaineHealth Knowledge Connection.

Trauma-informed training on ACEs improves provider confidence on screening and treating their prenatal patients

Exploring OB/GYN provider knowledge, practice and confidence levels before and after ACEs training

Nadi Nina Kaonga, Alexandra Turnbull, Paula Vokey, Julia Brock and Team BRACES

Background

- Adverse childhood experiences (ACEs) impact future health and well-being¹⁻²
- MMC Pediatrics routinely screens and treats ACEs; MMC OB/GYN does not and providers are not trained
- Gap/opportunity to screen and treat for ACEs in routine prenatal care with hypothetical benefit of disrupting the cycle *before* child is born³⁻⁵

Objectives

- To increase provider confidence in screening for ACEs in the prenatal setting through providing comprehensive training to staff
- To obtain an understanding of provider baseline levels of knowledge and practice with ACEs
- To improve future trainings based on participant feedback

Methods

- Obtained exemption from MMC IRB in December 2019
- Trauma-informed ACEs trainings tailored to prenatal care provided to MMC OB/GYN clinic staff (January-March 2020)
- Pre- and post-training surveys sent to participants via email (voluntary and anonymous)
- Data analyzed in Excel using descriptive statistics and thematic analyses

Findings

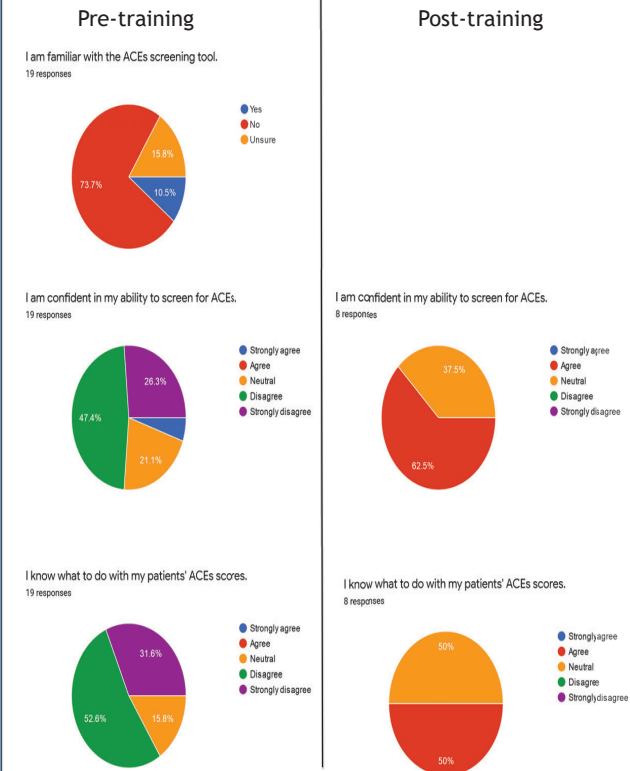


- 68% of staff trained
- Most (74%) not familiar with ACEs screening tool
- Most (74%) not confident in screening for ACEs and most (72%) looked forward to the training
 - Minority (28%) who didn't look forward to training expressed screening and training fatigue
- Majority (63%) felt confident in screening for ACEs post-training and most (88%) attributed that confidence to the training
- Post-training, most (88%) knew what the ACEs score meant and intended to routinely screen for ACEs in their practice
- Most (88%) agreed or strongly agreed that training learning objectives were clear, appropriate and had been met
 - No responses were provided to improve the training
- Limitations: response rate and attrition, selection and reporting bias, halo effect bias

Next Steps

- Routine screening for ACEs in prenatal setting
- Follow-up studies intended to investigate initial integration and longer-term outcomes (presently limited comprehensive rollout due to prioritization of pandemic response)

Graphs and Figures



Take a picture to download the full poster

