

The 4th Trimester Clinic

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Education

Prevention

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CONNECTS YOU TO WHAT MATTERS

Lock-in Improvement

- Survey when returning to antenatal care for new pregnancy
- Measure impact of 4th trimester education and intervention and compare to patients referred from outside services (not followed by 4th trimester clinic).
 - Intrapartum interval
 - Total weight loss, current BMI
 - Breastfeeding
 - Exercise and lifestyle changes
 - Awareness of CV risk (pre-conception counselina)
 - Awareness need for ASA every pregnancy
 - MAP and UtA Doppler at first visit
- Number of patients presenting to OB triage with postpartum hypertensive emergencies compared to data prior to intervention
- Multicentre study interviewing patients and providers after a pregnancy affected with preeclampsia scoping their education regarding CV risk (in progress).

Results

- Our novel quality strategy envisioned a longitudinal multidisciplinary model of care that aims to improve women's health by identifying and mitigating CV risks, and measuring the impact of this strategy in future perinatal care
- We aim to share this model with other healthcare centers aiming to close the gap in the postpartum of women with history of PE
- This high impact strategy changes outcomes for women who conceive after an episode of preeclampsia. decreasing risk of recurrence, optimizing maternal and fetal outcomes; hence, decreasing maternal morbidity and mortality by CV disease

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Defining the Problem

Preeclampsia (PE) is a hypertensive disorder of pregnancy and affects approximately 10% of pregnant women. Women with history of PE have a higher risk of maternal morbidity and mortality. More specifically, PE is linked to early vascular aging and risk of cardiovascular (CV) events earlier in life. Women with history of early, severe or recurrent PE have the highest risk for CV events. "The 4th trimester" refers to the first 42 days postpartum, a unique window of opportunity to screen, educate, and implement strategies to reduce the risk of future CVD.

Problem Statement: TOH currently has no dedicated multidisciplinary team to offer specialized postpartum care for women at high-risk of CV disease. These women are sent back to their GP for postpartum care. A gap in care and opportunity to mitigate CV risk has been identified.

Project Objective: Intervention Create and implement "The Fourth Trimester clinic" at The Ottawa Hospital, a longitudinal multidisciplinary postpartum clinic for all women identified at high-risk of CV events by Fall 2023 **Methods of Analysis** TOH: 6000 deliveries per year; 350 patients seen per year in OB triage in the postpartum with hypertensive Pregnancy works as a stress test, leading to early vascular aging, increasing the risk of CV disease. Women with Hx of PE have higher risk of morbidity and mortality by CV disease earlier in lif ck of close follow-up postpartum, education, awareness an plementation of strategies for CV risk mitigation Frequency Teams Plan Act Access ally, there is a gap in knowled / not be aware of the pregnar Stud Do Surveys Attendance Awareness Compliance Accountability