

Social Barriers and Post-Partum Safety: Managing Preeclampsia with Severe Features Amid Real-World Constraints

Preeclampsia

- Leading cause of maternal mortality and morbidity
- Long and short-term CVD risk (HF, CAD, stroke, death, etc)
- Disproportionately higher mortality among Black women across income levels
- Higher mortality risk in those with low socioeconomic status

Reality

- Limited access to care
- Socioeconomic constraints
- Health Literacy Gaps
- Fragmented follow-up systems



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History and Presentation

- Black ethnicity
- HTN
- Uncontrolled T2DM with sequelae
- Prior Preeclampsia with severe features
- Anemia
- Unstable housing

Management

- Anti-hypertensives
- Magnesium sulfate
- Steroids
- Insulin
- Anticoagulation

Surgery & Postop Course

- Classical C-section for worsening BP
- 2 Units PRBCs
- Persistent HTN postoperatively
- Left AMA on POD #4



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Take Home Points

- Post-partum is high-risk window requiring close monitoring
- Inpatient care versus close outpatient follow-up
- Address social drivers of health
- Innovative strategies to provide care and education through collaboration

SINCE 2020, TIPQC HAS WORKED IN CONJUNCTION WITH AWHONN TO DISTRIBUTE AND TRAIN TENNESSEE HOSPITAL PROVIDERS ON AWHONN'S POST-BIRTH WARNING SIGNS.

46

46 Hospitals in TN Received training and materials on AWHONN's POST BIRTH Warning Signs from TIPQC.

277,980

277,980 magnets distributed to TN hospitals to education postpartum and pregnant women on urgent maternal warning signs since 2020.

\$44,950

\$44,950 invested since 2020 in education, materials, and training for Tennessee providers, nurses, patient and community workers.



12,571 WOMEN

Had a Cardiovascular Disease Screening completed in the Cardiac Project.



50 BLOOD PRESSURE CUFF KITS

Distributed for high risk pregnant and postpartum patients, totaling 4,711 kits among 34 hospitals disseminated over the last five years.

