Aim: Reduce by 20% severe maternal morbidity in pregnant and postpartum patients with preeclampsia/eclampsia by April 2022

Key goals:
- Increase timely treatment of severe hypertension
- Increase proportion of patients receiving discharge education on preeclampsia & follow-up appointments
- Narrow the Black-White inequity gap in severe maternal morbidity in patients with preeclampsia/eclampsia

Maternal Hypertension Driver Diagram

- Develop standard order sets, protocols, checklists, algorithms for early warning signs, diagnostic criteria, timely triage, monitoring and treatment of severe HTN. Integrate into EHR
- Identify champions for timely triage in OB, ED and outpatient areas. Develop and pilot process for timely triage
- Ensure rapid access to IV and PO anti-hypertensive medications with guide for administration and dosage (e.g. standing orders, medication kit, rapid response team). Simulate medication procurement, with pharmacy representative
- Develop and implement system plan for escalation and transport with appropriate consultation. Pilot process

- Educate OB, ED, and anesthesiology providers and nurse on recognition and diagnosis of severe HTN
- Perform regular simulation drills of protocols with debriefs
- Implement system to identify pregnant/postpartum patients in all hospital departments
- Execute protocol for measurement, assessment, and monitoring of BP and urine protein for all patients
- Develop standards for patient-centered education meeting health literacy, language needs. Test education tools

- Establish systems to accurately document patient self-identified race/ethnicity, primary language
- Provide staff-wide education on implicit bias with focus on timely and impactful clinical response
- Develop process to support partnership and interaction in patient education (i.e. “teach-back” method)
- Establish huddles to prepare for high risk patients, regular debriefs after all severe hypertension cases
- Establish process for multidisciplinary systems reviews on all severe maternal hypertension cases admitted to the ICU