



MIRACLE Center

A NIH Maternal Health Research Center of Excellence



Project 1: Community Health Worker Intervention to Reduce Maternal Illness, Death, and Disparities



PURPOSE

Reduce maternal illness, death, and disparities through Community Health Workers (CHWs) home visiting and enhanced provider engagement to improve care and social determinants of health.



THE PROBLEM IN MICHIGAN

- On average, **70 birthing persons die** every year.
- **Serious pregnancy problems affect 1 in 50 birthing persons.** These include bleeding, high blood pressure, and infection.
- **Black persons are 2.2 times more likely to die** from pregnancy complications than White persons.

Data from MDHHS: [Maternal Deaths in Michigan, 2016-2020 Data Update](#) and [SMM MI, 2019](#)



OUR PLAN OF ACTION

Work with community partners, birthing persons, and medical providers to create and provide interventions in Genesee, Kent, and Wayne Counties.

Enhance evidence-based CHW programs to **address maternal illness and death** by:



Building self-management skills for chronic conditions



Connecting and engaging clients in health and community services



Empowering clients to be more active participants in their care



Building trust and engaging clients through peer support



Delivering intensive, culturally-sensitive care and addressing social determinants of health



Providing health education - including early warning signs of pregnancy related complications and death

Engage providers and clinic staff around:

- Improved communication
- Health equity and social determinants of health
- Team-based approaches to care





WE PLAN TO SEE

IMPROVED:

- Care that is more responsive to the needs of Black and Latine persons
- Patient access to care
- Social conditions for patients – like increased access to food, housing, and transportation
- Interaction between patients and providers
- Integration of clinical-community care

INCREASED PROVIDER AWARENESS OF:

- Community services/referrals
- The role of CHWs in pregnancy and postpartum care.

INCREASED PATIENT:

- Self-advocacy
- Satisfaction
- Service use

REDUCED:

- Maternal illness and death in Black and Latine individuals with Medicaid-insurance
- Racial disparities in maternal illness and death



PARTNERS

Birthing individuals; Detroit, Flint and Grand Rapids community-based organizations (including federal Healthy Start); health systems (Corewell Health, Henry Ford Health, Ascension Health, and Hurley Medical Center); health care providers; Michigan Department of Health and Human Services; and academic researchers.



CONTACT FOR MORE INFORMATION

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