

Identified Need

- 23% of pregnancy-related deaths occurred in an emergency department or in an outpatient setting in Ohio from 2008-2016
- 41% of pregnancy-related deaths involved a maternal transport in Ohio from 2010-2016
- A needs assessment of Ohio's delivery hospitals found that only 30% of obstetric emergency simulations involve emergency department staff

Opportunity

These simulation trainings will provide educational opportunities to emergency medicine physicians, physician assistants, nurse practitioners, nurses, and first responders to increase their knowledge and preparedness for obstetric emergencies-both in emergency departments and during maternal transports.

Goal

To enhance patient safety and improve outcomes of obstetric emergencies throughout Ohio and ultimately reduce preventable maternal morbidity & mortality in emergency departments and during maternal transports



Obstetric Emergency Simulation Training for Emergency Medicine Providers

An initiative by the Ohio Department of Health Pregnancy-Associated Mortality Review Program in partnership with
The Ohio State University Clinical Skills Education & Assessment Center
funded by the Health Resources & Services Administration



Project Action Items

Session 1: Virtual Obstetric Emergency Simulations

Virtual simulations for emergency medicine physicians, physician assistants, nurse practitioners, nurses, and first responders to improve recognition, treatment, & management of obstetric emergencies. Scenarios to include hypertensive emergencies in pregnancy, post-partum hemorrhage, & cardiomyopathy in a pregnant patient.

Session 2: Virtual Obstetric Emergency Simulations: Train-the-Trainer

Train-the-Trainer sessions offered to emergency medicine physicians and nurse educators throughout Ohio to learn how to facilitate low cost, low fidelity obstetric emergency simulation scenarios at their home hospitals. Participants will have the opportunity to win a MamaNatalie Birthing Simulator for their home hospitals to train their emergency department staff on obstetric emergencies.

Session 3: Virtual Obstetric Emergency Simulations: Advanced Train-the-Trainer

Advanced Train-the-Trainer sessions offered to emergency medicine physicians and nurse educators throughout Ohio who completed Train-the-Trainer sessions. These sessions will take an even deeper dive into simulation development, facilitation, debriefing, and more.



Department
of Health



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