

Maternal Sepsis Staff Education

Geisinger

Geisinger Lewistown Hospital, Lewistown, PA
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Problem Statement:

Geisinger Lewistown Hospital staff have seen an increased number of maternal sepsis patients. Our goal was to increase knowledge of maternal sepsis by implementing interdisciplinary education to 25% of emergency room staff, OB nurses and OB providers via Lippincott, case studies (printed materials), and simulations* by 12/31/2025.

Measures:

- Rates (%) of completion of Lippincott Module, Case Studies, and Simulations.
- Further broken down into completion rate of audience and each educational component.

*Simulations were not scheduled but ran as a drill (unexpected simulation) when census allowed and staff was available.

Key Interventions:

- Assigned Lippincott Maternal Sepsis course to OB and ED staff.
- Embedded health equity into classroom/case studies by providing statistics and patient testimony via a PowerPoint.
- Hold simulations for OB staff and providers.
- AIM Urgent Maternal Warning Signs shared with ED nursing leadership and staff, added to triage room for staff and patient reference
- AIM Urgent Maternal Warning Signs added to all postpartum discharge instructions

Challenges

- Teaching staff how to access and use Lippincott.
- Did not specify 25% of each component vs 25% of combined completion.
- Short timeline; could have extended and still met designation deadline.

Results

- 37.1% Total combined completion rate of all 3 components
- Lippincott Module = 68.4%
 - ED Staff = 48.1%
 - Inpt OB Nurses = 100%
 - Outpt OB Nurses = 75%
 - OB Providers = 91%
- Case Studies= 25.5%
 - ED Staff = 0%
 - Inpt OB Nurses = 100%
 - Outpt OB Nurses = 0%
 - OB Providers = 0%
- Simulations = 17.3%
 - ED Staff = 0%
 - Inpt OB Nurses = 56%
 - Outpt OB Nurses = 0%
 - OB Providers = 27%

Discussion

A great success for the inpatient team was the engagement in the Maternal Sepsis education.

Completing similar education across departments helped to emphasize the importance of Maternal Sepsis Recognition as well as create a level of respect for each team as we work together to identify and treat future sepsis patients.

The collaboration with PaPQC as well as the relationship we have with other Geisinger OB platforms and departments within GLH are beneficial in sharing information, comparing challenges and helpful to make changes within our unit to improve patient care.

Maternal Sepsis Staff Education Completion Rate

