

Group Prenatal Care in a Resident Clinic: Identifying Potential Hazards

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Background

- Group prenatal care is becoming an accepted way to provide patient centered maternity care
- Our Residency now trains all Family Medicine Residents (FMR) to provide prenatal care via this process

Purpose

- To determine which aspects of residency based group prenatal care have potential to be hazardous in order to guide quality improvement.

Methods

- The study team brainstormed potential risky situations to patient outcomes and residency education associated with group prenatal care

- We collected resident, faculty and nurse perceptions of:

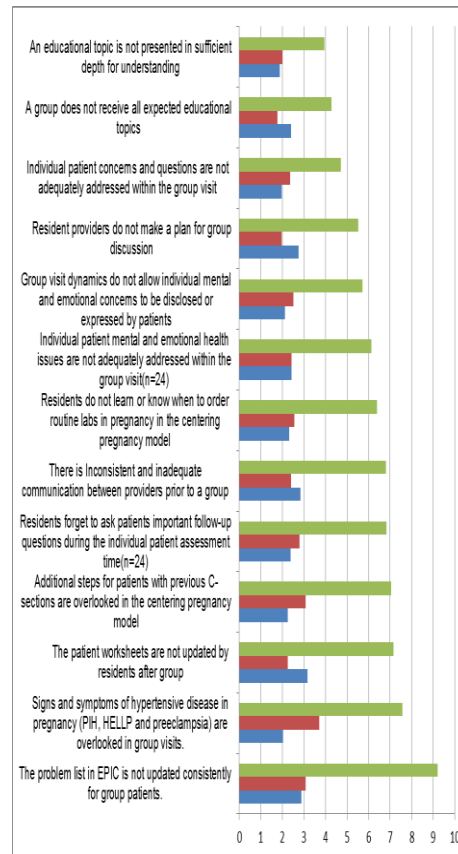
- The likelihood a situation might occur and
- If a situation occurred, how severe would the outcomes be

- A hazard score (frequency score x severity score) was calculated for each situation.

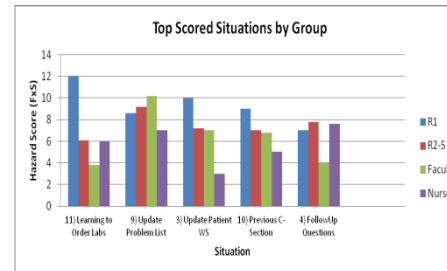
- A subset of faculty and residents were interviewed

Results

Hazard matrix results: Frequency (1 rare to 5 common) (blue); Severity (1 mild to 5 severe) (red); Total hazard score (Frequency X severity) (green)



A closer look at top scored situations by level of training and role:



- Qualitative data revealed differing perceptions of the role and responsibilities of a resident before and during a group visit.



Conclusions

- Lack of consistent use of the Problem List function in our EMR was felt to have greatest potential for harm.
- Clear documentation of roles and responsibilities between residents, faculty and nurses is needed.
- First year residents did not feel comfortable with their education on routine prenatal labs.
- There was concern about recognizing complications early in the group setting

Quality Improvement

- **Problem list in EMR:** Progress notes are now created using a smart text that requires documentation in the Problem List.
- **Resident problems with prenatal labs, recognizing complications, role responsibility:** A resident manual was created to assist in planning for group sessions that includes tasks and responsibilities, and is now being incorporated into the group pregnancy guide