Sepsis Education on 5 Beurger

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Recommended Citation  
Galm, Kevin; Layton, Christina; Camut, Nicole; and Seo, Joseph, "Sepsis Education on 5 Beurger" (2020). *Abington Jefferson Health Nurse Residency Posters*. 3.  
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To examine if there is a correlation between educating nurses on the topic of sepsis and improving competency in early sepsis detection based on Abington's Sepsis Protocol.

**Methods**

- In order to improve this area of competence, we opted to assess each nurses’ knowledge of sepsis with a case study during their shift.
- On average, took 5-10 minutes to complete
- This allowed us to assess the competency levels of each nurse before educating them

**Included:**
- A sepsis review sheet (signs & symptoms, treatments/interventions, those at risk, and the importance of early detection)
- 2 case studies: 5 questions
- Self-reflection: Did they learn something from this?
- Answer Key
- After completion, the nurses kept the “Quick Review” education portion of the packet for themselves.
- We kept their anonymous answers to use for the conclusion of our results.
- The case study questions showed if they implemented the education correctly and we discussed more in detail what could have been assessed and addressed.
- The self-reflection question at the end helped us to determine if the nurses felt that they learned something from the review or not (anonymity allowing for full honesty).
- The answer key guaranteed effective education by reviewing and correcting any wrong answer choices or oversights.

**Results**

Together we educated 17 5B nurses by using our “Quick Review” packet. The results of this evidenced based project showed that 100% of our nurses were more competent post-education in order to improve early sepsis detection and intervention.

**Conclusions**

- The goal of this evidence-based project was to assess and improve the knowledge levels of our nurses regarding sepsis signs/symptoms and compliance of the sepsis bundles implemented by the hospital. We found that 100% of the nurses found our education on the signs, symptoms and the necessary interventions of sepsis improved their competence.
- This helps to prevent delayed hospitalizations, long term organ damage, bloodstream infections, and death.

**Next Steps**

There are many opportunities to disseminate sepsis knowledge to more nurses and people in the community that remain at the end of this project. Our goal was to raise awareness of sepsis signs and symptoms to nurses who can notify physicians in a timelier manner if sepsis becomes a concern in order to improve patient outcomes.

Remember our mission: We improve lives!

**References**


