

Quality Improvement Paper

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N434: Evidence-Based Practice

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Quality Improvement Paper: Reducing Hospital-Acquired Infections

Hospital-acquired infections have been a growing concern in the healthcare industry for years. (Cleveland Clinic, 2024) has been doing research on how hospital acquired infections occur and what nurses can do to prevent these infections from happening. Hospital acquired infections can lead to life threatening illnesses and diseases. This happens because droplets from a sneeze or cough will go through the air and can infect a person who is ill (Cleveland Clinic, 2024). These unwanted infections can also occur due to healthcare personnel not properly performing hand hygiene or improperly sterilizing equipment (Cleveland Clinic, 2024). These infections can cause lifelong complications such as endocarditis, sepsis, and abscesses

(Cleveland Clinic, 2024). Heavier education needs to be implemented in hospitals for proper techniques to reduce the number of infections.

Article Summary

This article describes the rate of hospital acquired infections with people who had COVID-19 in the first 6 months of the pandemic (Knight et al., 2022). (Knight et al., 2022) did a study and looked at the time of the arrival to the hospital and the time of the first symptom of infection to appear, this is severely hard to do because of the unknown transmission of the unwanted viruses or bacteria. COVID 19 was a worldwide terror, and everyone's health was at risk. Healthcare staff were not always sterile when taking care of patients and that is why many patients received an infection.

Overview

This article relates to this quality improvement plan for many reasons. This article supports the evidence of how many hospitals acquired infections that occurred during the COVID-19 pandemic (Knight et al., 2022). The COVID-19 pandemic is a great example of how our hospitals can do a better job at keeping everyone safe. This article details strategies and methods of improving care for all patients. Different methods of how they extracted this data shows how this has been an ongoing issue not just for COVID but for all other dise

The question is where these implications can be implemented. Proper education can be put into every healthcare setting. Hospital acquired infections are seen mostly in intensive care units so more education in intensive care units should be implemented. All hospitals and long-term care facilities should implement teaching about facility acquired infections.

à **THIS IS WHERE PART 1 ENDS! THE NEXT SECTION (APPLICATION TO NURSING) IS WHERE PART 2 BEGINS!**

Application to Nursing

Here add in a summary of the information learned to the application to practice. Follow the MEAL paragraph formatting and use Grammarly.com. Be sure to cover all aspects within the rubric. Be sure to use double space and to tab over for your first line of a new paragraph.

Practice

Paragraph goes here discussing the application to practice. Review the rubric for full requirements. Follow the MEAL paragraph formatting and use Grammarly.com.

Education

Paragraph goes here discussing the application to education. Review the rubric for full requirements. Follow the MEAL paragraph formatting and use Grammarly.com.

Research

The paragraph goes here discussing the application of research. Review the rubric for full requirements. Follow the MEAL paragraph formatting and use Grammarly.com.

Conclusion

Write a conclusion here in your overall paper. Review the rubric for full requirements. Follow the MEAL paragraph formatting and use Grammarly.com.

References

Cleveland Clinic. (2024, May 7). *Nosocomial Infections (Healthcare-Associated Infections)*. Cleveland Clinic. <https://my.clevelandclinic.org/health/diseases/16397-avoiding-healthcare-associated-infections-hais>

Knight, G. M., Pham, T. M., Stimson, J., Funk, S., Jafari, Y., Pople, D., Evans, S., Yin, M., Brown, C. S., Bhattacharya, A., Hope, R., Semple, M. G., ISARIC4C Investigators, CMMID COVID-19 Working Group, Read, J. M., Cooper, B. S., & Robotham, J. V. (2022). The contribution of hospital-acquired infections to the COVID-19 epidemic in England in the first half of 2020. *BMC infectious diseases*, 22(1), 556. <https://doi.org/10.1186/s12879-022-07490-4>