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Hand Hygiene Compliance Improvement via Targeted Auditing and Education

M. Bryan and D.L. Santos

Systems Science and Industrial Engineering Department
Binghamton University – State University of New York
Binghamton, NY, USA

Corresponding author's Email: mcbryan510@gmail.com

Author Note: Matthew Bryan is a recent graduate of Binghamton University; this project was performed as part of the termination requirements for his Master's degree in Systems Science & Industrial Engineering. Daryl Santos is the advisory professor of this project at Binghamton University.

Abstract: In this project, the goal is to experiment with improvements to hand hygiene in healthcare settings, in order to promote increased compliance for the purpose of promoting patient safety. This experiment will use the DMAIC format of process improvement in a basic controlled experiment, comparing data sets before and after improvement. The intervention chosen was a fact sheet that focused on potential oversights that may be causes behind lower compliance rates, aimed at educating healthcare workers and helping them to identify hand hygiene opportunities. The experiment showed a statistically significant improvement in hand hygiene levels in the selected unit.

Keywords: Hand Hygiene, Patient Safety, Process Improvement, Auditing