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Internal and external data

Student Name

Institution

Course Name & Number

Instructor

Due Date

Internal and external data

The small scale-change project seeks to address the lack of necessary equipment at bedside in post anesthesia care. The issue of concern is the lack of tools and equipment available at the bedside to facilitate post-anesthesia nursing care delivery. In the short term, the project intends to readily avail essential and emergency supplies to nurses at each bedside in the post-anesthesia care unit (PACU). The project intends to achieve this by incorporating a supplies checklist for every PACU nurse to ensure that they are equipped with the necessary supplies to handle emergencies even as they accept patients.

What internal and external data shows the problem exists?

The problem has been identified as the lack of necessary equipment at bedside in PACU to address emergencies. Internal data that show the problem exists include inspection of PACU and surveys with nurses. Three external data sources have been reviewed to show that the problem exists. Firstly, Wax (2019) indicates that effective preparedness is important for enabling a more effective response in emergency care delivery. The preparedness ensures effective response to the actual emergency occurrence thus justifying the need to invest resources towards equipment that could be demanded in an emergency. Secondly, Craven (2017) reinforces these sentiments in noting that an emergency can lead to logistical challenges, and these can be eased by anticipating and meeting the equipment needs. Thirdly, Shahid and Thomas (2018) add to the discussion by noting that a checklist should be included in handoff to ensure effective communication as a vital factor for delivering safe patient care by anticipating and availing the required equipment. The three articles highlight the need for equipment for emergency care and a checklist to ensure that all requirements are anticipated and met.

What data collection plan will you use to determine the degree to which you achieved your desired short-term outcome(s) in the course?

A survey conducted among nurses in the PACYU unit will offer insight into the performance of the project. The nurses will provide important information on whether presenting the equipment beforehand at the bedside helps in addressing emergencies. In addition, the survey will determine if the checklist is helpful in preparing for emergencies in PACU (Fawcett, 2017).

References

- Craven, R. M. (2017). Managing anaesthetic provision for global disasters. *BJA: British Journal of Anaesthesia*, 119(suppl_1), i126–i134. <https://doi.org/10.1093/bja/aex353>
- Fawcett, J. (2017). *Applying Conceptual Models of Nursing: Quality Improvement, Research, and Practice*. Springer Publishing Company.
- Shahid, S., & Thomas, S. (2018). Situation, Background, Assessment, Recommendation (SBAR) Communication Tool for Handoff in Health Care – A Narrative Review. *Safety in Health*, 4, article number 7 (2018). <https://doi.org/10.1186/s40886-018-0073-1>
- Wax, R. S. (2019). Preparing the Intensive Care Unit for Disaster. *Crit. Care Clin.*, 35(4), 551-562. <https://dx.doi.org/10.1016/j.ccc.2019.06.008>