
IMPROVING CRITICAL CARE UNIT COLLABORATION

Student's Name

Course





INTRODUCTION

- **Introduction:** Advocating for a \$26,000 interdisciplinary plan in a mid-sized hospital's critical care unit
- **Focus:** Prioritizing enhanced patient care, operational efficiency, and staff satisfaction
- **Strategy:** Incorporating the PDSA Model, transformational leadership, and TeamSTEPPS methodologies
- **Goal:** Aiming to improve interdisciplinary collaboration for better patient outcomes and efficiency
- **Context:** Targeting the critical care unit to enhance teamwork and operational processes



OBJECTIVE

01

Main Objective:
Establish a formal interdisciplinary communication system to improve teamwork and decision-making

02

Benefits: Enhance patient care, increase staff satisfaction, and boost operational efficiency

03

Approach:
Coordinated communication and structured division of labor

04

Alignment: Plan aligns with the hospital's mission to deliver high-quality and effective medical care

05

Outcome: Aim for a unified and efficient healthcare delivery system



QUESTIONS AND PREDICTIONS

1. How will implementing an interdisciplinary communication protocol affect the workflow in the critical care unit?
2. How much training and assistance will be needed for staff to adapt to the new communication system?
3. What impact will the new communication protocol have on patient care and staff satisfaction?
4. What measures will be used to assess the effectiveness of the implemented communication protocol?
5. How will this shift in protocols influence the culture of critical care?

Ignite anticipation by unraveling the transformative journey towards enhanced critical care through interdisciplinary collaboration, promising positive patient outcomes, and operational excellence.

CHANGE THEORIES AND LEADERSHIP STRATEGIES



Introduction to PDSA Model:
Present the model as a strategic framework to enhance cooperation



Phases: Plan for cooperation, implement measures, study outcomes, and act on feedback



Role of Leadership: Emphasize transformational leadership in fostering interdepartmental cooperation



Implementation: Highlight how leadership will drive the healthcare team towards positive changes

TEAM COLLABORATION STRATEGY

- **Managerial Oversight:** Critical Care Unit Manager ensures adherence to procedures
- **Staff Engagement:** Nurses and Medical Staff participate in training and provide feedback
- **Quality Tracking:** Quality Improvement Officer monitors effects and compiles management reports
- **Framework Utilization:** Implement TeamSTEPPS to enhance communication and teamwork
- **Tailored Methods:** Adapt TeamSTEPPS to meet the specific needs of critical care, promoting effective collaboration



IMPLEMENTATION STEPS (PDSA MODEL)

- **Plan Phase:** Define objectives and strategies for enhancing interdisciplinary cooperation
- **Do Phase:** Introduce the new communication protocol on a small scale to allow staff adaptation
- **Study Phase:** Collect feedback and analyze performance metrics within the unit
- **Act Phase:** Expand successful strategies across the unit to sustain improvements

ROLES AND RESPONSIBILITIES

- **Managerial Coordination:** Critical Care Unit Manager coordinates new procedures and team meetings
- **Staff Participation:** Nurses and Medical Staff engage in ongoing training and integrate new protocols
- **Quality Monitoring:** Quality Improvement Officer evaluates the new protocol's impact and reports findings
- **Team Integration:** Ensure all team members are clear on their roles in implementing the plan
- **Feedback Loop:** Establish a system for continuous feedback to refine processes

COLLABORATION APPROACH (TEAMSTEPPS)

- **Structured Communication:** Implement SBAR for clear information exchange among team members
- **Daily Huddles:** Conduct brief daily meetings to set goals and post-shift reviews to assess day's work
- **Mutual Support:** Foster a team environment of mutual assistance and responsibility
- **Relevance:** Ensure the collaboration approach meets the specific needs of the team and drives success



RELEVANCE AND SUCCESS DRIVERS

TeamSTEPPS

Suitability: Tailored for interdisciplinary teams, enhancing communication and collaboration.

Anticipated Impact:

Expects positive outcomes in coordination and decision-making with the implementation of TeamSTEPPS

REQUIRED ORGANIZATIONAL RESOURCES

- **Resource Outline:** Identifying staffing, equipment, access needs, and proposing an overall budget for interdisciplinary collaboration.
- **Budget Request:** Justifying a modest \$26,000 budget, emphasizing its value for future savings and improved patient service



IMPACT OF NOT IMPLEMENTING THE PLAN



Risks of Inaction: Increased patient wait times and operational inefficiencies



Staff Morale: Decline in staff morale and increased turnover if the plan is not implemented



Reputational Risk: Possible negative impact on the hospital's reputation



Indirect Costs: Indirect costs like reduced patient satisfaction and the long-term financial implications



Urgency of Action: Importance of timely implementation to mitigate these risks

REFERENCES

- Bendowska, A., & Baum, E. (2023). The significance of cooperation in interdisciplinary health care teams as perceived by Polish medical students. *International Journal of Environmental Research and Public Health*, 20(2), 954. <https://doi.org/10.3390/ijerph20020954>
- Buljac-Samardzic, M., Doekhie, K. D., & van Wijngaarden, J. D. H. (2020). Interventions to improve team effectiveness within health care: A systematic review of the past decade. *Human Resources for Health*, 18(1). <https://human-resources-health.biomedcentral.com/articles/10.1186/s12960-019-0411-3>
- Chen, A. S., Yau, B., Revere, L., & Swails, J. (2019). Implementation, evaluation, and outcome of TeamSTEPPS in interprofessional education: A scoping review. *Journal of Interprofessional Care*, 33(6), 795–804. <https://doi.org/10.1080/13561820.2019.1594729>
- Coury, J., Schneider, J. L., Rivelli, J. S., Petrik, A. F., Seibel, E., D'Agostini, B., Taplin, S. H., Green, B. B., & Coronado, G. D. (2019). Applying the Plan-Do-Study-Act (PDSA) approach to a large pragmatic study involving safety net clinics. *BMC Health Services Research*, 17(1). <https://doi.org/10.1186/s12913-017-2364-3>