

Nursing Perceptions of Clinical Research Studies Impact on Endoscopy Unit Nursing Workflow

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1 Background

Nursing perceptions of workload and task interruptions can have a direct impact on patient outcomes as well as nurse outcomes.

Clinical trials and research studies are common on the Johns Hopkins Hospital (JHH) Endoscopy unit. In the absence of a designated clinical research nurse, research activities fall to the unit nurses. The impact of research related tasks on Endoscopy unit nursing workflow and perceptions on workload has not been closely reviewed or quantified. It is important to evaluate the impact this has on nursing workflow and nursing perception to:

- Ensure that staffing and resource needs are met for standard of care as well as research activities, and
- Encourage nursing involvement in the mission of research while maintaining safe and high quality patient care.

2 Objectives

- Identify Endoscopy unit nurses perceptions of research on the unit and impact on workflow.
- Quantify amount of time Endoscopy unit nurses spend conducting research related activities

3 Methods

In order to gather information regarding the impact of research procedures on the standard workflow of the endoscopy unit, we plan to use a two method approach:

1. Nurse perceptions of research were collected using a 10-item survey.
2. A student observer will shadow unit nurses involved in research cases and record total time to complete standard of care and research related procedures.

"I think most everyone that does research is respectful of our primary goal, the procedure and what it entails to get that accomplished, so I appreciate that."

4 Questionnaire

1. How many years of experience do you have as a nurse?

2. How many years have you worked with JHH Endoscopy?

How much do you agree/disagree with the following statements:

Strongly Agree Agree Neutral Disagree Strongly Disagree

3. Research within the Endoscopy unit is critical to improving care and procedures.

4. On the Endoscopy unit, communication is excellent between research teams and clinical teams.

5. Research on the Endoscopy unit interferes with my normal workload.

6. Research findings from studies conducted on the Endoscopy unit contribute to improving clinical care on the unit.

7. Research impacts my workday and workflow in a positive manner.

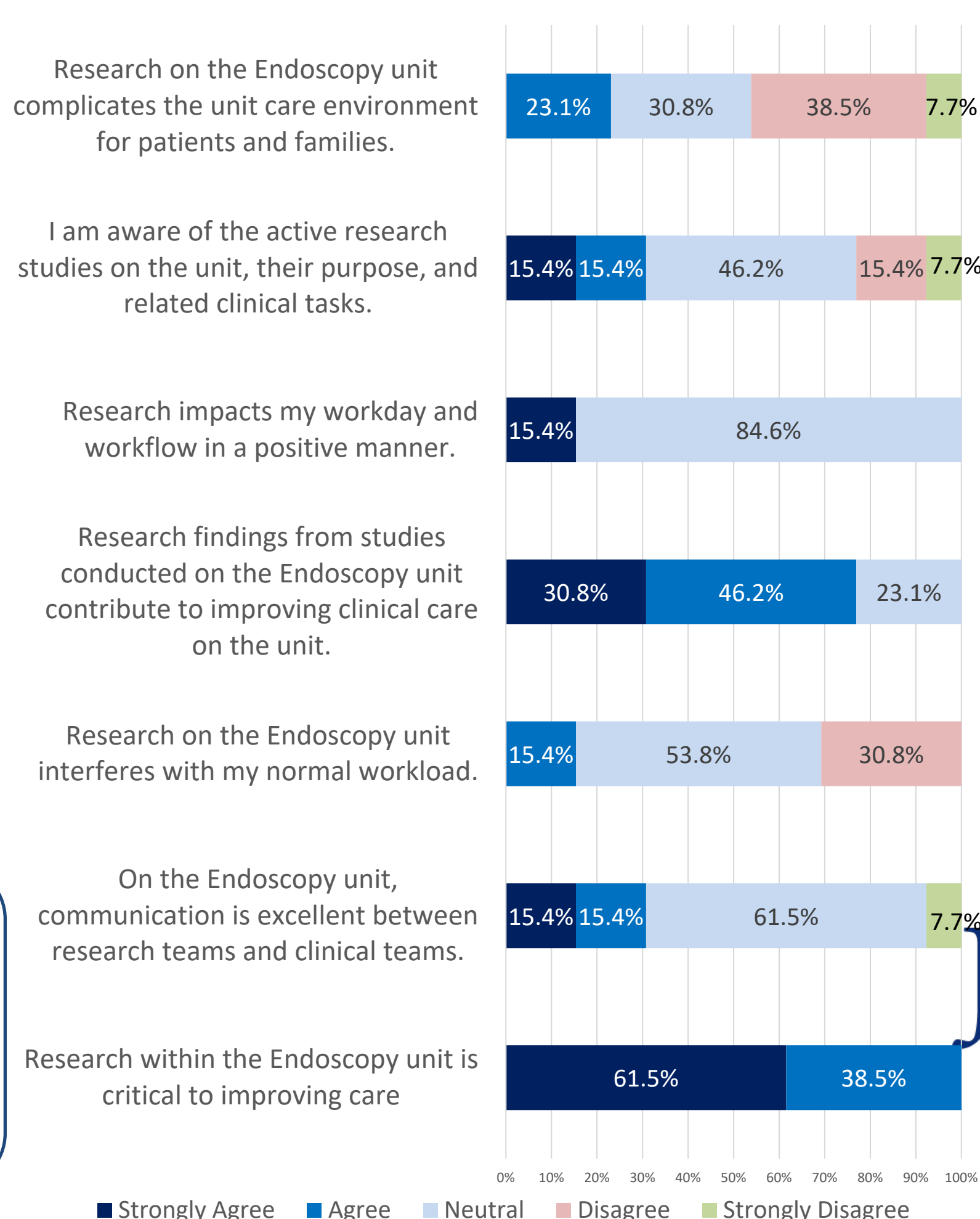
8. I am aware of the active research studies on the unit, their purpose, and related clinical tasks.

9. Research on the Endoscopy unit complicates the unit care environment for patients and families

10. Other comments regarding clinical research on the Endoscopy unit (communication regarding research, research related-tasks, etc.) (free text)

5 Results

- 13 unit nurses completed the survey
- Average years experience as a nurse = 17.3
- Average number years working on Endoscopy unit = 8.6 years



6 Conclusions

Survey collection and analysis is ongoing. Responses to date show that overall, nurses agree that research benefits the unit and patients (100% agree or strongly agree), but communication between nurses and research teams was noted as an area for improvement (only 30.8% felt that communication was excellent). Further analysis will be used to inform next steps.

"I would like to know results and have physicians present the research plans and results."

7 Next Steps

This survey helps gain a better understanding of nurse perceptions of research studies on an Endoscopy unit and identifies barriers and opportunities to increasing nursing engagement in research while maintaining a consistent standard of care. Next steps include:

- Ongoing data collection regarding total time nurses complete standard of care and research related procedures.
- Develop a data based algorithm to help the unit manager staff and supply the unit to enhance nursing outcomes, patient safety, and promote research involvement.

8 References

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