



BACKGROUND

- ❖ There are often gaps in knowledge for the newly graduated nurse between what should be taught and what is actually taught.
- ❖ New policies may not be taught in a timely manner, leading to higher levels of work-related stress.
- ❖ One such policy is for the initiation and documentation of a PCA pump.
- ❖ Currently, there is no written policy for a PCA pump easily seen on the floor of Grant 5. There is a policy under the policy portal, but taking the time to find the correct PCD would waste time, may be ineffective for a new nurse still unfamiliar with the policy portal, and would leave the patient who needs the PCA in pain for a time span longer than necessary.

PICOT

For new graduate nurses, will having a fact-sheet of parameters for a PCA that are visible in the medication room decrease administration errors and increase correct implementation of the policy?

AIM

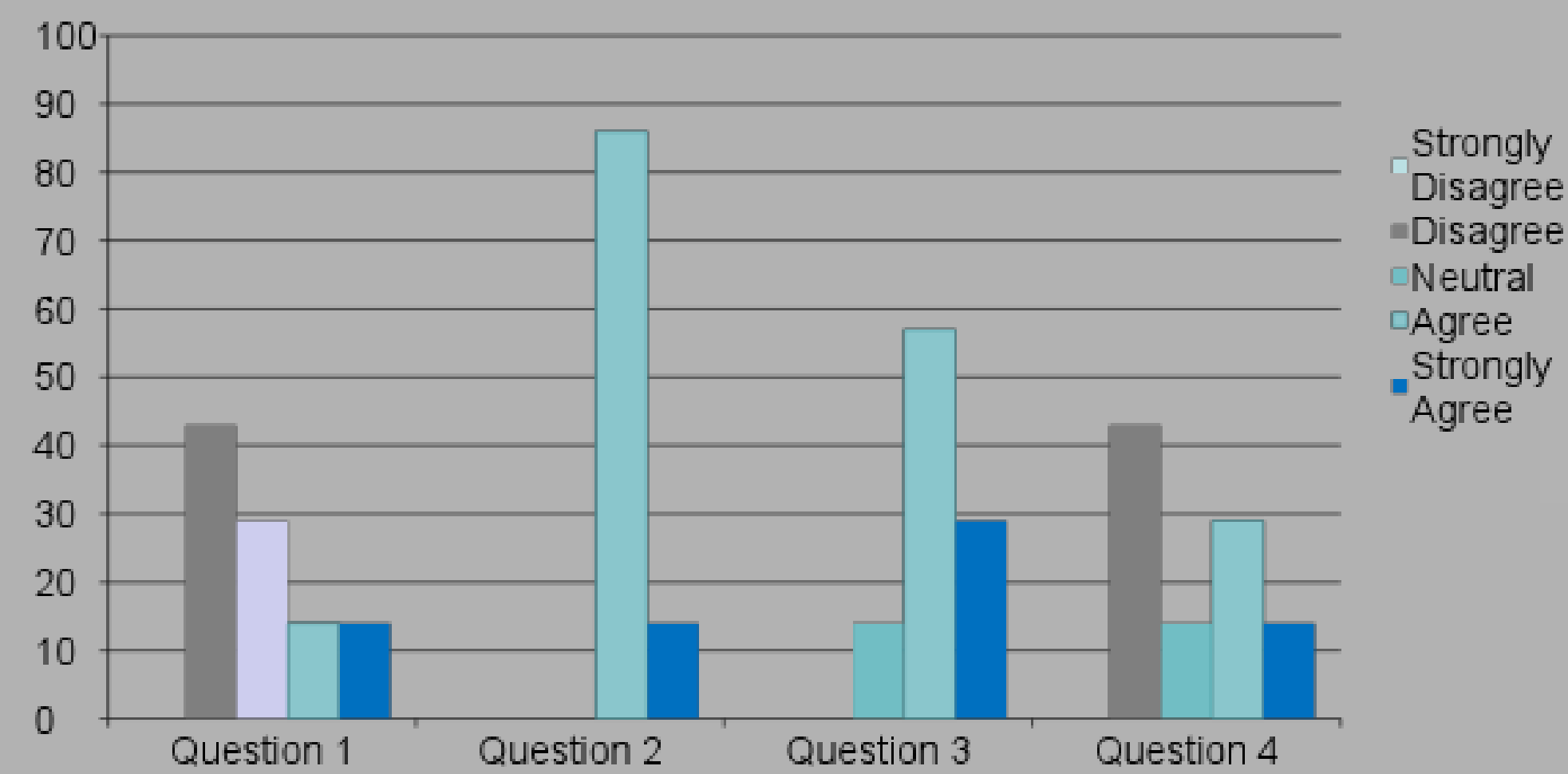
- ❖ Assess compliance of PCA documentation and implementation by new graduate RN staff of the Grant 5 Neuro/Ortho/Med-Surg unit before and after providing PCA education.
- ❖ Observe for improved PCA documentation and implementation by comparing the documentation error rates and Likert scale results before and after the PCA education.

METHODS

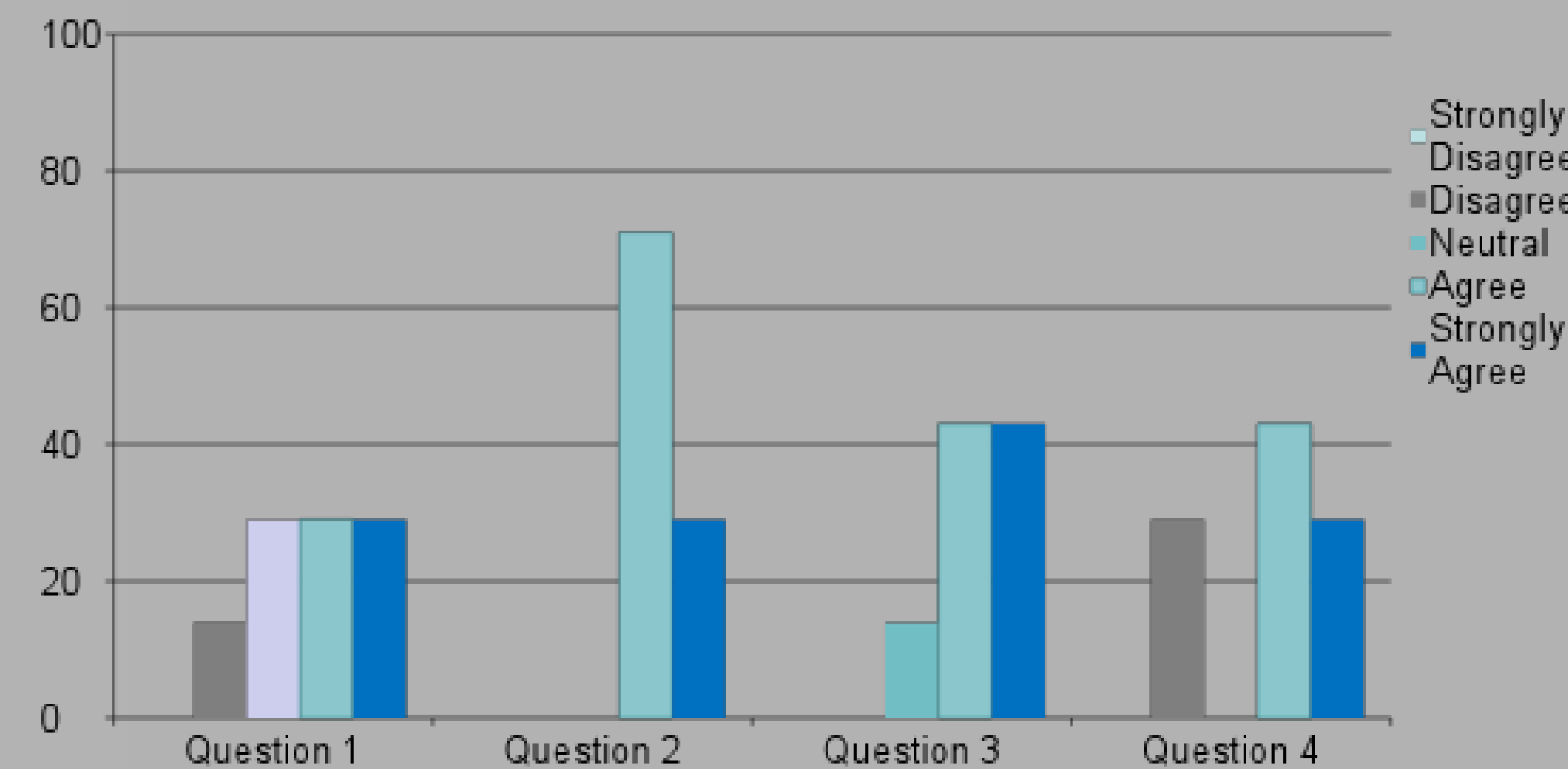
- ❖ Create anonymous surveys
- ❖ Administer pre-test to staff
- ❖ Present information to staff using flyers based on the EMHS PCA PCD
- ❖ Administer post-test immediately after
- ❖ Hang flyers in med room, staff room, and bathrooms for easy access after education

MEASURES & RESULTS

PRE TEST (N=7)



POST TEST (N=7)



GRANT 5 NEURO/ORTHO/MED-SURG

SURVEY CONTENT

New nurses were asked to rate these statements:

- ❖ I am comfortable initiating a PCA
- ❖ I know how to properly monitor a patient on a PCA
- ❖ I know what to document each shift if I have a PCA
- ❖ I know where to find information about PCAs if I am unsure what to do

SUMMARY/DISCUSSION

- ❖ The results of our project do not fully answer our original PICOT question due to time constraints & limited PCAs utilized.
- ❖ The flyers did help the majority of the new nurses we tested to have an increased confidence with PCAs according to the Likert scale.
- ❖ We were not able to determine whether our project decreases error rates with documentation due to the lack of PCAs on the floor after implementation of our surveys.
- ❖ To ensure new graduates have easy access to this information after our project, we hung up the flyer in med rooms, bathrooms, and the staff room. This will help with retention of the information over time.

CONCLUSION

- ❖ The results show an overall increase in confidence with PCA administration pre test versus post test.
- ❖ Therefore, the flyer was successful in assisting the newly graduated nurses on our floor become more familiar with PCAs.
- ❖ Whether or not this will affect actual documentation will be seen over time, but cannot be determined from our results.

REFERENCES

- ❖ Lindfors, K., & Junttila, K. (2014). The effectiveness of orientation programs on professional competence and organizational commitment of newly graduated nurses in specialized health care: A systematic review protocol. The JBI Database of Systematic Reviews and Implementation Reports, 12. Doi: 10.111124/jbisir-2014-1532.
- ❖ Odland, L., Sneltvedt, T., & Sörli, V. (2014). Responsible but unprepared: Experiences of newly educated nurses in hospital care. Nurse Education in Practice, 14:5. Doi:10.1016/j.nepr.2014.05.005.
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