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### Barriers Identified by Nursing Leaders in Supporting Nursing Research

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## Title/Purpose

Barriers identified by Nursing Leaders in supporting nursing research

## Background

Nursing leaders at acute care hospitals often lack knowledge of how best to support nurses who wish to engage in nursing research and evidence-based practice. Inclusion of the nurses who have direct bedside contact with patients is integral in improving patient outcomes.

## Methods

**Design:** A Translational research study (Doctor of Nursing Practice project) utilized the Barriers to Nurses' Participation in Research Questionnaire (BNPRQ).

**Sample:** 17 nurse leaders consisting of managers/assistant managers, charge nurses, and directors/chief nursing operating officers.

**Setting:** Six mid-sized acute care hospitals from a large health care system.

**Intervention:** Nursing leaders were provided links for a pre-test, an interactive learning module on clinical scholarship (nursing research), and a post-test.

**Time frame:** Surveys were collected August 19-October 14, 2021

**Analysis:** Paired ( $n = 8$ ) and un-paired  $t$ -tests, descriptive statistics, and a qualitative analysis were performed.

## Limitations

The BNPRQ was emailed to over 300 nursing leaders during the pandemic which may have led to low participation exacerbated by consolidation of leadership.



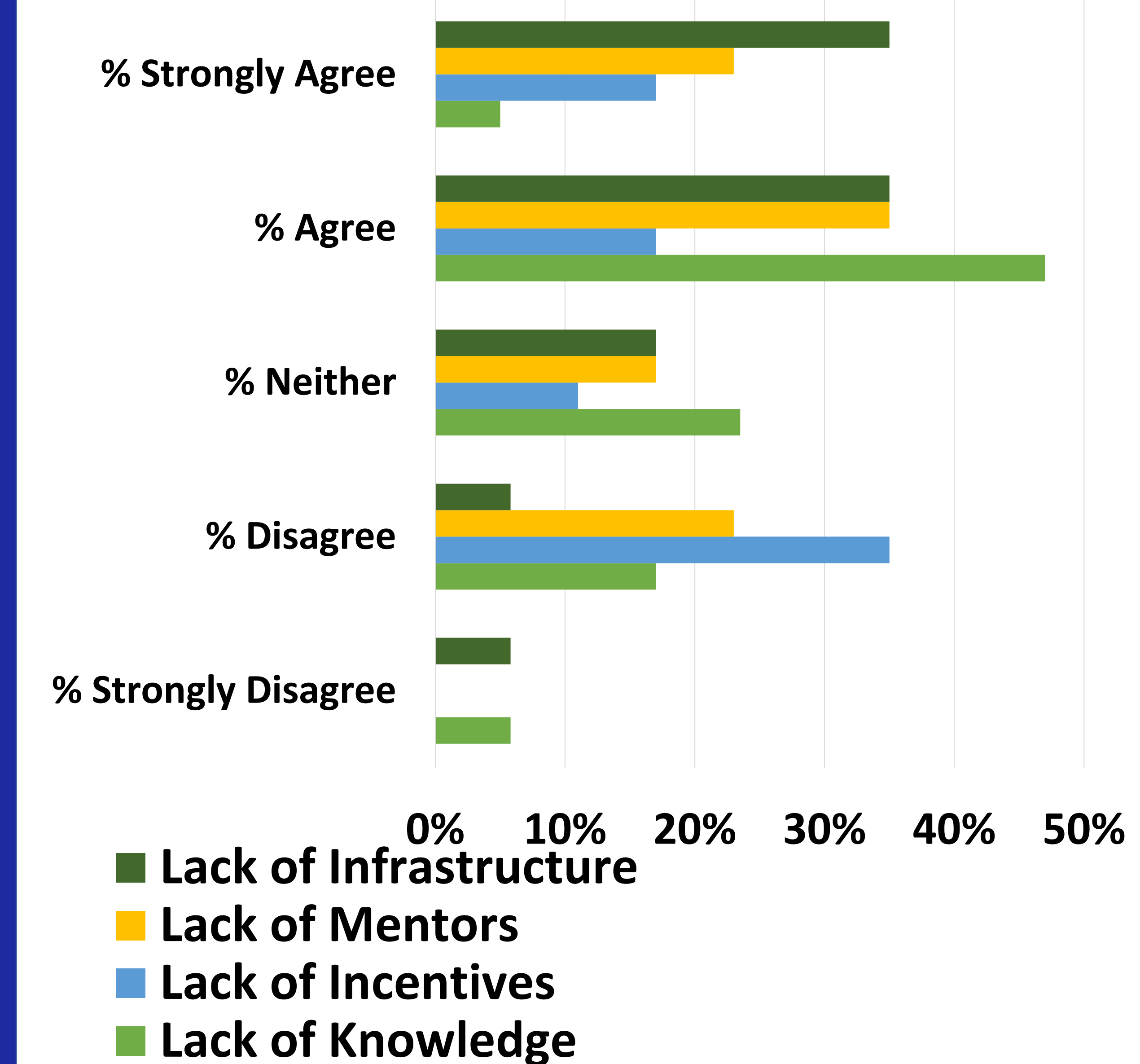
Nursing Leaders  
qualitatively identified needing  
dedicated research mentors,  
data/statistical analyses, educational,  
and research design assistance to  
support nursing research



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## Results-Quantitative Barriers (N = 17)



## Results Cont'd

50% agreed or strongly agreed the intervention improved their confidence to support nursing research. A main significant difference was between pre-and post-test research knowledge scores ( $M = 3.0_1, SD = 1.14$ ) and post-test scores ( $M = 2.25_2, SD = .707$ ),  $t(7) = 2.393, p < .05$  (two-tailed). 52% ( $n = 9$ ) of nursing leaders opted out of the 30-minute research module intervention.

## Implications for Practice

While many organizations are research and evidence-based practice focused in theory, nursing leadership requires assistance with the basic tools of research, local leadership support, technical advising, and a designated nurse researcher to facilitate conducting and supporting nursing research. Requiring a brief research module can significantly improve nursing leaders' research knowledge and support of nursing research.

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