An Explanatory Case Study That Includes Evidence-Based Practice In A Hospital Setting

Cathy DeChance PhD, RN

STUDY SAMPLE CHARACTERISTICS

<table>
<thead>
<tr>
<th>Staff Nurse</th>
<th>Leader</th>
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<tbody>
<tr>
<td>Education</td>
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<tr>
<td>Diploma/Associate; 79%</td>
<td>Associate to Master's</td>
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<tr>
<td>Bachelor/Bachelor's; 20.76%</td>
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<tr>
<td>Experience as an RN</td>
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<tr>
<td>Less than 1 year; 20.6%</td>
<td>11 to 32.1 years</td>
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<tr>
<td>1 to 5 years; 25%</td>
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<tr>
<td>5 to 10 years; 29%</td>
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<tr>
<td>&gt; 10 years; 29%</td>
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<tr>
<td>EBP Belief Scale</td>
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<tr>
<td>44 to 74</td>
<td>59 to 75</td>
</tr>
<tr>
<td>Educational Transcript Confirming Education on Morse Fall Scale</td>
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<tr>
<td>100% less than 6 months</td>
<td>0%</td>
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</tbody>
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RESEARCH QUESTIONS

- How do medical-surgical nurses implement the Morse Fall Scale for assessing a medical surgical patient’s risk for falls?
- To what extent does nurse’s personal beliefs regarding evidence-based practice affect medical-surgical nurse’s implementation of the Morse Fall Scale?

METHODOLOGY

- Staff Nurse/(Organizational Leader) Characteristic Survey (n=24)
- Practice Belief Scale (n=24)
- Electronic Health Record Review (n=10)
- Observation Chart (n=7)

DATA ANALYSIS-EMPIRICAL PATTERN MATCHING

- Each method individually analyzed either statistically, inductively, deductively, or chronologically
- Each data source was analyzed and compared to the criteria
- The identified empirical patterns were matched to predicted patterns/propositions
- The patterns that matched the proposition supported the proposition; no match alternative explanations required

STUDY RESULTS

-電子表1: Morse Fall Risk Scales

-電子表2: Documentation Compared to Policy

-電子表3:Themes-Staff Nurse Interviews

-電子表4: Support and Partially Supported Propositions

-電子表5: Refuted and Partially Refuted Propositions

-電子表6: Propositional Outcome Consistencies

LIMITATIONS

- Longitudinal hospital study
- Survey response rate 58.5%
- Propositions partially tested
- Potential behavioral alteration

CONCEPTS AND THEMES FROM DATA ANALYSIS OF OBSERVATION

- B/E = Baseline/Evaluation
- MIFRA = Morse Fall Risk Assessment (n=10)
- Documentation is important to the implementation of the Morse Fall Scale.
- The documentation is a key component to the implementation of the Morse Fall Scale.
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PROPOSATIONAL OUTCOME CONSISTENCIES

- Observations
  - Morse Fall Risk Scale was completed every shift
  - Documentation is important

- Interviews
  - Morse Fall Risk Scale should be completed every shift
  - Documentation is important

- Electronic Health Record
  - The documentation is a key component to the implementation of the Morse Fall Scale.