Evidence Based Practice
Educational Programs and
Patient Safety Related to Falls

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ORIGIN OF THE PROBLEM

- National Patient Safety Goals
- Center for Medicare and Medicaid Services
- Educational Plan emphasized during Clinical Experiences
SIGNIFICANCE OF THE PROBLEM

• Most Common

• More Health Care Costs

• Frequent Complications
PURPOSE OF THE STUDY

To evaluate the effectiveness of a fall prevention plan on the actual number of patient falls.
RESEARCH HYPOTHESES

Units within a hospital setting that are more complaint with the fall prevention plan will have a decreased number of falls.
ASSUMPTIONS

• All units have been equally educated and trained on the fall prevention plan.
• All falls have been reported.
• The fall prevention plan is effective in preventing falls.
• All units have access to necessary equipment/staffing to implement a fall prevention plan.
SUMMARY OF LITERATURE

The use of a fall prevention plan is necessary to provide safe patient care and to reduce the number of falls, though there is conflicting data.
RESEARCH METHODOLOGY AND DESIGN

- Non-experimental
- Correlational
- Quantitative
ANALYSIS OF DATA

• Pearson-Product Moment Correlation
  \[ r = -0.488 \]
  \[ p = 0.256 \]

• Failed to Reject the Null Hypothesis
### PERCENT COMPLIANCE AND FALLS FOR EACH FLOOR

<table>
<thead>
<tr>
<th>FLOOR</th>
<th>PERCENTAGE OF COMPLIANCE</th>
<th>NUMBER OF FALLS</th>
</tr>
</thead>
<tbody>
<tr>
<td>WW</td>
<td>96%</td>
<td>20</td>
</tr>
<tr>
<td>XX</td>
<td>93%</td>
<td>21</td>
</tr>
<tr>
<td>YY</td>
<td>90%</td>
<td>11</td>
</tr>
<tr>
<td>ZZ</td>
<td>89%</td>
<td>60</td>
</tr>
</tbody>
</table>
LIMITATIONS

- Convenient Sample
- Limited Data Collection Time
- Patient Refusal
- Nurse Manager Notification
- Limited Number of Patients
CONCLUSIONS

• A lower percentage of compliance with the fall prevention plan showed an increased number of falls.
IMPLICATIONS

• Fall Prevention Plan

• Check List Assessment

• Unit Education
RECOMMENDATIONS

• Larger Sample Size

• More Facilities Available

• Unannounced Visits

• Reinforce Educational Plan