Effective RN-MD Collaborations: A Systematic Review

Sherita House RN, MSN, CCRN
Faculty Disclosure and Objectives

<table>
<thead>
<tr>
<th>Faculty Name</th>
<th>Sherita House RN, MSN, CCRN</th>
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<tr>
<td>Conflict of Interest</td>
<td>None</td>
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<tr>
<td>Employer</td>
<td>Full-Time Student-UNC Chapel Hill &amp; Critical Care RN-Forsyth Medical Center</td>
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<tr>
<td>Sponsorship/Commercial Support</td>
<td>None</td>
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Goals and Objectives

Purpose:
- Explore nurses' and physicians' perceptions of nurse-physician collaboration and the factors that influence their perceptions

Objective:
- The learner will be able to identify at least 2 factors that influence nurses' and physicians' perceptions of nurse-physician collaboration.
Background & Significance
Methods: Search Strategy

- PubMed, CINAHL, and PsychInfo
- Inclusion Criteria
  - Articles that examined RN, Resident, or MD perceptions
- Exclusion Criteria
  - Articles that examined nursing or medical students’ perceptions
Methods: Continued

- Study Selection
- Study Quality Assessment
- Data Extraction and Synthesis
Results

- Design
  - 14 quantitative and 2 qualitative studies

- Sample and Setting
  - Various hospital units
  - 10 studies-United States
  - 1 study each- Norway, Canada, Turkey, Mexico, Israel, and Italy
Results: Instruments

- The Jefferson Scale of Attitudes toward Physician-Nurse Collaboration
  - 6 out of 14 studies
  - Chronbach Alpha’s ranged 0.70-0.93
- Other studies used various Instruments
  - n=8
Results: RN_MD Perceptions of Collaboration

- Nurses and physicians held different perceptions of nurse-physician collaboration.
  - MD’s had more positive perceptions (8 out of 16 studies)
  - RN’s had more positive perceptions (6 out of 16 studies)
Results: Reoccurring Themes and Factors

- Reoccurring Themes
  - Shared decision-making
  - Teamwork
  - Effective communication

- Factors
  - Culture of the unit
  - Individual beliefs
Results: RN Perceptions

- Joint decision making
- Two-way knowledge exchange
Results: MD Perceptions
Future Research

- Standard definition of collaboration
- Standard, reliable, & validated instrument
- Intervention Studies
Limitations and Strengths of Past Research

- **Strengths**
  - Conducted on a variety of units

- **Limitations**
  - Descriptive studies, convenience sample
  - Generalizability of results
What’s Next?

- Validated, unbounded instrument
- Interprofessional education courses for nursing and medical students.
- Continuing interprofessional education and collaboration experiences for all interdisciplinary team members
Reference


References


References


References


