



Effective RN-MD Collaborations: A Systematic Review

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Faculty Disclosure and Objectives

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|--------------------------------|-----------------------------------------------------------------------------|
| Faculty Name | Sherita House RN, MSN, CCRN |
| Conflict of Interest | None |
| Employer | Full-Time Student-UNC Chapel Hill & Critical Care RN-Forsyth Medical Center |
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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
 - English-text journal articles (2000 to 2015).
- Exclusion Criteria
 - Articles that examined nursing or medical students' perceptions

Methods: Continued



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- 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

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