Infusion Nurses Society Research Priorities

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Background

The Infusion Nurses Society (INS) published its research priorities in 2010 (Zugcic, etal, 2010). This is the second phase of research to explore and validate the findings. INS has as its vision to "…setting the standard of infusion nursing (www.ins1.org. In addition, the mission of INS is to "…develop and disseminate standards of practice and to advance best practice through evidence based practice and research. This study is the continuous effort to advance and support infusion nursing as the global authority.

Method

This qualitative study used a web based survey to elicit the identified research priorities. The investigators created the survey, which consisted of six demographic data and four open response questions. The sample was comprised of expert nurses defined as active, CRNI members of INS, who were sent an email with the link to the survey and an invitation to participate. Of the 2239 sample, 107 responded. Non-identified information was used and anonymity was assured. All data is reported in aggregate.

Data Analysis

Data analysis for demographic data was descriptive statistics using SPSS. Open responses data were analyzed using Nvivo qualitative software to organize data. The investigators analyzed the data to form themes and patterns for

Demographic Data Results

Demographic Data Results		
Years as an Infusion Nurse	0-40+	Results
Years as an Infusion nurse	0-40+	22% 20 years
Years as INS member	0-40+	19% 0-5 25% 6-10
Years as CRNI	0-40+	50% 0-10
Practice Setting		59% Hospital 16% Home care 14% Ambulatory infusion
Title or Role (104)		38% Staff Nurse 14% Admin/Mgt

Results

Question #1. *In your infusion nursing practice, what do you consider the most important issue that needs research support?*

Question #2. **What research findings would have the most impact for infusion nursing?**

Question # 3. **List the three most significant problems you encounter with infusion nursing.**

Question #4. **How does research or evidence-based practice affect your nursing practice?**

Themes: Best Practice

Categories:

Research – Excepts relate to the desire to collect data such as phlebitis.

Evidence – Excerpts relate the need to find evidence to support nursing practice and our standards.

Knowledge – Data relates to other non-infusion nursing and other health care professionals competency

Professional – Data relates to role and value of infusion nursing

Clinical – Data specific to access devices, administration and procedures.

Conclusion

Based upon this study, there are issues that need more evidence and research to support infusion nursing practice. The issues are encased in best practice and knowledge to better understand how to collect data for evidence to build the infusion nursing science.

Research priorities enable INS to set the research agenda for infusion nursing. The next step is to prioritize and rank the issues identified. Infusion nurses have the ability to have their voice heard with participation in this process.

Recommendations for further research includes exploring how practice settings affect research priorities.

References

Infusion Nurses Society. http:www.ins1.org.

Zugcic, M., Davis, Gorski, L., & Alexander, M. (2010). Establishing research priorities for the Infusion Nurses Society, 33(3), 176-182.

Acknowledgments