

Title:

Evaluation of a Learning Module for Nurse Practitioner Students: Strategies to Address Patient Vaccine Hesitancy/Refusal

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Session Title:

Poster Presentations

Slot (superslotted):

PST: Friday, April 8, 2016: 10:00 AM-10:45 AM

Slot (superslotted):

PST: Friday, April 8, 2016: 12:00 PM-1:15 PM

Slot (superslotted):

PST: Friday, April 8, 2016: 2:30 PM-3:15 PM

Slot (superslotted):

PST: Friday, April 8, 2016: 6:00 PM-7:00 PM

Slot (superslotted):

PST: Saturday, April 9, 2016: 7:30 AM-8:30 AM

Slot (superslotted):

PST: Saturday, April 9, 2016: 10:00 AM-10:45 AM

Slot (superslotted):

PST: Saturday, April 9, 2016: 12:00 PM-1:15 PM

Keywords:

Motivational Interviewing Communication Skills, On-line Learning Module and Vaccine Hesitancy/Refusal

References:

References Dart, M. (2011). Motivational interviewing in nursing practice: empowering the patient. Boston: Jones and Bartlett. Domachowske, J. B., & Suryadevara, M. (2013). Practical approaches to vaccine hesitancy issues in the United States 2013. *Human Vaccines and Immunotherapeutics*, 9(12), 2654-2657. doi:10.4161/hv.26783 Sadaf, A., Richards, J. L., Glanz, J., Salmon, D. A., & Omer, S. B. (2013). A systematic review of interventions for reducing parental vaccine refusal and vaccine hesitancy. *Vaccine*, 31(40), 4293-4304. doi:10.1016/j.vaccine.2013.07.013

Abstract Summary:

This poster displays the results of the effectiveness of an on-line, interactive learning module to educate nurse practitioner students on the issues of patient vaccine hesitancy and refusal and the use of motivational interviewing communication strategies to address these vaccine issues.

Learning Activity:

LEARNING OBJECTIVES	EXPANDED CONTENT OUTLINE
The learner will be able to explain the results of the effectiveness of a learning module on enhancing nurse practitioner student knowledge of patient vaccine hesitancy and refusal issues.	I. Learning Module -Vaccine Issues a. Vaccine safety, benefits and safety b. Resurgence of vaccine preventable diseases c. Definition of vaccine hesitancy and refusal d. Parental concerns about vaccines for their children e. Adult vaccine concerns II. Results of NP student knowledge on pre test and post test evaluation

<p>The learner will be able to review results on the evaluation of a learning module to enhance nurse practitioner student knowledge on communication skills using motivational interviewing to address issues of vaccine hesitancy and refusal.</p>	<p>I. Learning Module - Approaches to Vaccine Hesitancy/Refusal a. General approaches-factual information to address patient/parent concerns b. Definition of Motivational Interviewing (MI) c. Principles of MI: express Empathy, Support Self efficacy, Roll with Resistance and Develop Discrepancy. d. Core MI Communication Strategies: Open ended questions, Affirmations, Reflective Listening, Summaries II. Results of NP student knowledge of MI communication strategies on pre-test and post- test evaluation</p>
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Abstract Text:

Immunizations have been a major reason for the decrease in vaccine preventable diseases in the United States. Recently there has been an upsurge in vaccine hesitancy and refusal due to concerns about safety, efficacy and necessity of vaccines and vaccine misinformation reported in the media (Sadaf, Richards, Glanz, Salmon, Omer, 2013). Health care providers are encountering increasing rates of vaccine hesitancy and refusal in the primary care setting. Specific evidence based strategies are needed to assist providers when patients refuse recommended vaccinations (Leask, Kinnersley, Jackson, Cheaer, Bedford & Rowles, 2012; Domachowske & Suryadevara, 2013)). There is limited research on educating health care providers on strategies to address vaccines issues. Primary health care providers (including nurse practitioner students) need additional knowledge and effective communication skills to address the issue of patient vaccine hesitancy/refusal.

The purpose of this scholarly project was twofold. The first was to develop and evaluate an online, interactive, learning module to enhance knowledge of nurse practitioner students on issues of vaccine hesitancy and refusal. The second purpose was to examine the effectiveness of the learning module on enhancing nurse practitioner student knowledge of motivational interviewing communication skills to address issues of vaccine hesitancy and refusal. A pre-test/post-test design was used to assess the change in knowledge and communication skills of nurse practitioner students to address the issue of vaccine hesitancy/refusal.

.A one hour web-based, interactive education module was developed with specific content on issues in vaccine refusal, and specific provider strategies and motivational interviewing communication techniques. Motivational Interviewing (MI) is a patient centered guided approach to enhance self motivation to change (Miller & Rollnick (2002). Dart (2011) discusses how MI is being utilized in a variety of settings to assist clinicians working with patients to improve healthy behavior outcomes.

Data collection is currently in process. Results of this study may serve to inform future study of the use of interactive education programs for health care providers to address vaccine hesitancy refusal in clinical practice.