



A QUALITATIVE STUDY EXPLORING THE PERCEPTIONS AND CHOICES OF PRE-REGISTRATION NURSING STUDENTS REGARDING INFLUENZA VACCINATION

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IMPORTANCE OF HEALTHCARE WORKER VACCINATION

- Impact on patient morbidity and mortality
 - Average of 36,000 deaths and 200,000 additional hospitalizations in the US (US Dept of Health and Human Services, 2012)
 - Contagious periods
 - Asymptomatic cases
- Organizational Costs -- \$87.1 billion a year (Molinari *et al*, 2007)
 - Absenteeism
 - Hospital Costs
 - Loss of Life

THE STUDY

- Swansea University
- Literature Review
 - Student Perspective
 - Qualitative perspective
- Qualitative Study – Focus Groups
 - Four Groups
 - 2nd and 3rd year nursing students

AIM AND OBJECTIVES

- AIM: Describing and evaluating the effect of individual perceptions and experiences, as well as group and cultural factors on the decision making process for pre-registration nursing students about whether or not to be vaccinated against Influenza
- OBJECTIVES
 - To describe and discuss perceptions and experiences regarding the influenza vaccine, current interventions, and vaccine safety
 - To identify and evaluate primary barriers and motivators to vaccination within this group
 - To critically analyze current literature, apply findings to student nurses, and make reasonable inferences
 - To identify and analyze personal, experiential, and group factors that impact on choice for student nurses

THEMES AND SUBTHEMES

Knowledge	Knowledge and Attitudes
Attitudes	
Disease Risk	Barriers and Motivators
Side Effect Risk	
Cost of Immunization	
Convenience	
Motivation	
Personal Experiences	
Professional Responsibility	
Student Nurse Culture	Organizational Aspects
Students within Healthcare	
University Role	
Who Gives the Vaccine?	
Organizational Cost	
Informed Consent/Autonomy	
Association with Other Medical Interventions	Interventions
Shortfalls in Promotions	
Possible Interventions	

KNOWLEDGE AND ATTITUDES

- Vaccination Specifics
- Patient Impact
- Safety/Efficacy
- Cold/ILI vs. Influenza
- Other effective Interventions
- Not important for them

BARRIERS AND MOTIVATORS

- Cost
- Risks
- Convenience
- Past Experiences
- Standing within the Healthcare culture
- Opinions of co-workers and management

ORGANIZATIONAL FACTORS

- Students vs Healthcare Workers
- Group Opinions
- Mentors
- Organizational Cost
- Vaccination Shortage

INTERVENTIONS

- Clarity
- Visibility
- Aim
- Education
- Mandatory Vaccination Programs



CONCLUSIONS AND “TAKE AWAY” ...

REFERENCES

Blank *et al* (2010) 'Influenza Vaccination of Future Healthcare Workers: A Cross-Sectional Study of Uptake, Knowledge, and Attitudes'. *Vaccine*. 28. pp 4668-4672.

Molinari *et al* (2007) 'The Annual Impact of Seasonal Influenza in the US: Measuring Disease Burdens and Costs'. *Vaccine*. 25. pp 5086-5096

Thomas *et al* (2010) 'Influenza Vaccination for Healthcare Workers Who Work with the Elderly'. *Cochrane Review*

US Department of Health and Human Services (2012) 'Influenza Vaccination of Health-care Personnel: Disease, Vaccine, Beliefs, Barriers, and Recommended Strategies to Improve Vaccination'. <https://www.hhs.gov/ash/initiatives/vacctoolkit/presentation.html> (Accessed: 21 September 2012)

Yassi *et al* (1993) 'Morbidity, Cost, and Role of Health Care Worker Transmission in an Influenza Outbreak in a Tertiary Care Hospital'. *Canadian Journal of Infectious Disease*. 4(1). pp 52-56

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