

# 2<sup>nd</sup> International Conference on Nursing & Healthcare

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## Back to basics

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**Purpose:** The purpose of this project was to determine *hand hygiene* practices during an interprofessional simulation event. A pre and post evaluation of *hand hygiene* was conducted to determine the effectiveness of the World Health Organization's (2009) *Your 5 Moments for Hand Hygiene* during simulated events.

**Methodology:** A convenience sample of Associate Degree Nursing (ADN) students were evaluated on *hand hygiene* practices during an interprofessional simulation. Last semester ADN students were evaluated by direct supervision of simulated patients (first semester ADN students) for *hand hygiene* with direct patient contact and contact with equipment in the patient care areas. A baseline sample was obtained in fall 2013, which identified results lower than nationally reported *hand hygiene* practices of fifty percent. During spring 2014, *Your 5 Moments for Hand Hygiene* was introduced in a lecture format and informational cards posted in *hand hygiene* areas.

**Results:** Implementation of *Your 5 Moments for Hand Hygiene* during the last semester of the ADN program increased *hand hygiene* practices with direct patient contact and contact with equipment. Students were more likely to perform *hand hygiene* with direct patient contact than contact with equipment in the environment.

**Implications:** The importance of *hand hygiene* needs to be reinforced throughout a nursing program and after employment. Future studies need to identify strategies to improve *hand hygiene* compliance and sustainability of *hand hygiene* programs.

## Biography

Michele Walters completed her DNP in 2011 at Frontier Nursing University. She has been a nurse educator for thirteen years with a special interest in prevention of disease. She is a practicing Family Nurse Practitioner that enjoys international work with nursing students providing medical care to orphanages and schools each summer in La Digue, Haiti.

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