

## Loss versus Gain: Integrating Technology and Message Framing in Promoting Proper Hand Washing among Grade 1 Pupils

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### ABSTRACT

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<b>Introduction</b>	Promoting proper hand washing is the most basic infection-control measure a nurse can assume to promote health and wellness of individuals. However, it is a challenge for nurses to encourage people to be compliant to hand washing. This is especially true for school-aged children, who are at higher risk to contact bacterial and infectious agents. Technology, such as audio-visual presentations (AVP) has made education and learning more easily facilitated. Education involves giving information to improve knowledge about a certain concept and Message Framing is one method. The study combined the two strategies in promoting hand washing. The objective of this study was to determine which type of message framing through AVP: positive (shows benefits and gains) or negative (shows risks and losses), was more effective in promoting proper hand washing among Grade 1 pupils.
<b>Methods</b>	The researchers included 72 grade 1 pupils from a public elementary school to participate in the study through convenience and cluster sampling. The data was gathered through a pre-test and post-test method. In the analysis, the total average scores of the posttest of each group, positive message framing and negative message framing, was used to determine which type of message framing through an AVP is more effective in teaching and promoting proper hand washing. Further, the paired t-test method was used to determine if there was a significant increase in the average scores of all the students from pretest to posttest to see if there was an improvement in the knowledge and beliefs of students regarding proper hand washing. A 17-item Hand Hygiene Questionnaire served as a pretest and posttest instrument to gather data.
<b>Results</b>	The findings showed that positive message framing through an AVP is more effective in promoting proper hand washing among Grade 1 pupils. Positive message framing group showed a higher posttest average and indicates better understanding and improved knowledge about proper hand washing. (What about the t test results and p value? Please report).