Engaging Nursing Students in the Classroom with Cell Phones and Software
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Objectives

The basis of this project was to develop and implement active student learning activities in a junior level nursing research course.

• Increase student engagement in the classroom setting.

• Assess student perceived effectiveness and engagement with audience response software (ARS) and cellular phone use.

• Identify advantages and disadvantages of audience response software and cellular phone use in the classroom.

Methods

• Students downloaded ARS onto cellular phones.

• Over seven weeks students were quizzed every 10 to 15 minutes utilizing the ARS via their cellular phones in research class.

• Students perceptions were obtained using a nine question Likert satisfaction survey with one open ended question.

• Student completed a proctored, nationally-normed exam to assess student understanding of research and critical thinking skill.

Results

• Students generally agreed that utilizing the ARS and cellular phones in class help them to engage and remain focused.

• Students utilizing the ARS and cellular phones in class did not score higher in the secured national normed exam that assessed understanding of nursing research and critical thinking.

• Use of ARS on cellular phones had no impact on deterring students from texting and surfing the web.

• Further Investigation into utilizing ARS needs to continue in nursing education.

• Further investigation into utilizing technology needs to continue in nursing education.

Conclusion & Implications for Future Research

References
