OBJECTIVES

• The objective of this project was to educate fourth semester nurse anesthesia students enrolled at Adventist University of Health Sciences on the function, role, history, and anesthetic considerations of mechanical assist devices for heart failure patients.

METHODS

• Lecture presentation by K. Andy Mattison and Tamara Thomas utilizing Power Point to a convenience sample of SRNAs. This lecture is an independent variable.
• Pre-test
• Post-test
• The change between these two scores is the dependent variable. The anonymous data collected was analyzed for comparison and results are shown in tables 1.1, 1.2 and 1.3

RESULTS

• It was found that 17 of 21 scored higher on post-test than on pre-test with three participants having no change and one participant declined in score.
• The mean test score significantly increased from Pre-Test of 4.4286 to Post-Test of 6.8571.
• Utilizing a Paired t test a p value of <0.05 was observed and therefore statistical significance was achieved.

CONCLUSIONS

• Based on the results from the pre-test to the post-test the lecture showed an improvement in scores. Statistical significance was achieved.
• It was felt that the lecture provided by K. Andy Mattison and Tamara Thomas improved the educational base of the fourth semester nurse anesthesia students at Adventist University of Health Sciences.
• With future use of the Power Point in the available format, other SRNAs and current CRNAs will benefit and build on their current knowledge base concerning mechanical assist devices in heart failure patients.