TITLE: " A STUDY TO ASSESS THE LEVEL OF KNOWLEDGE REGARDING THE RECENT INNOVATIONS IN HEALTH CARE AMONG THE NURSING STUDENTS IN A SELECTED NURSING COLLEGE IN GUWAHATI, WITH A VIEW TO DEVELOP AN INFORMATION LEAFLET."

INTRODUCTION: As healthcare organizations face unprecedented challenges to improve quality, reduce harm, improve access, increase efficiency, eliminate waste, and lower costs, innovation is becoming a major focus. The healthcare industry is on the brink of massive change. Nurses are motivated to engage in innovative practices primarily because they seek to improve patient experiences, health outcomes and nursing practice. In nursing we see evidence of product innovations and we see evidence of process innovations.

METHODS: A non- experimental descriptive study was undertaken with the objectives to assess the level of knowledge of the nursing students regarding the recent innovations in health care, to assess the association of level of knowledge of the nursing students regarding the recent innovations in health care with selected demographic variables. 50 samples were selected by convenient sampling technique from a selected nursing college in Guwahati. A self-structured questionnaire was developed to collect the data.

RESULTS: The data obtained were analyzed in terms of frequency and percentage distribution, mean and standard deviation to interpret the level of knowledge and chi square value. The findings revealed that majority of the students, i.e. 40% are from B.Sc Nursing 1st year. 50% of the students had heard about the recent innovations in health care. 92% of the samples were not been hospitalized in any of the multispecialty hospital, 56% of the samples revealed that their family members were not admitted in any multispecialty hospitals for treatment. 88% had not ever browsed the internet regarding the recent innovations in health care and 76% of them revealed that their family members has not been using any sort of health related innovative devices in home settings. 74% of the sample has moderate level of knowledge regarding the recent innovations in health care. Browsing the internet regarding the recent innovations in health care is found to be significant with level of knowledge at 0.05 level of significance.

CONCLUSION: Nurses are motivated to engage in innovative practices primarily because they seek to improve patient experiences, health outcomes and nursing practice. The end game for a nurse is to help people and save lives. With technological advances making their jobs easier and advancing care for patients, the amount of people nurses can help is likely to increase. Nurses can deliver a greater patient experience and contribute to better healthcare outcomes.

REFERENCES:

- **https://www.journals.elsevier.com/healthcare-the-journal-of-delivery-science-and-innovation**
- **https://www.mdpi.com/journal/healthcare**
- **https://www.igi-global.com/book/emerging-trends-innovations-privacy-health/218138**