

Title: Modern ways of Nursing Education

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Background: Nursing is vital job, continues and non-stop because of persons or different circumstances, each nurse must have sufficient knowledge to be able to carry out their assignment, senior nurses must have diversity ways to teach and train the new or junior nurses, sometimes it's affected because of limited resource settings as a mechanism to disseminate knowledge and skills among providers. However, many basic programs fail to achieve sustainability.

Objective: To examine the effectiveness of training and development on nurse's performance and organization competitive advantage, and to explain to nurses about everything of training from beginning till end of lecture and feedback forms.

Methods: Trainers come to class with a concrete lesson they want to develop or further improve. Participants will learn about and design various types of activities that demonstrate elements of their lesson plan. The purpose is to use hands-on activities to explain course concepts and incorporate activities into what is usually considered the lecture portion of a class. There is ample time in class to write the activities that will be incorporated into the course being developed.

Results: Found strong evidence of the training model for imparting knowledge and skills on providers, however, little evidence exists for the impact of these programs on patient outcomes or long term sustainability. Facilitators associated with successful programming include support of units' managers, nursing office,

DON and hospital administration.

Conclusions: While the modern model of programming for the dissemination of resuscitation education is initiated and show promising, further training for all country hospital regardless the hospital type (Government, Private, Military, long term or acute care) it's necessary especially relating to sustainability and impact on nurses performance and patient outcomes.

Biography

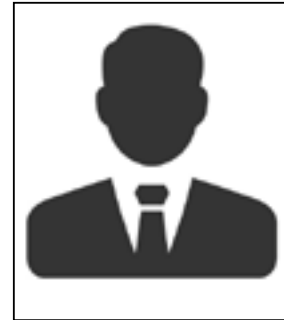
Mohammad Shaban, leading instructor of life support training, currently I am working as Clinical education manager in Health point hospital - Abu Dhabi.

As clinical educator, I believe that healthcare providers must keep updated with knowledge and skills because the evolution in the science and researches, every day is good chance to develop our knowledge and skills by maintaining education for everyone in many ways, from open discussion, direct observations of skills and knowledge test.

Title: Sentiment and emotion trends of nurses' tweets about the COVID-19 pandemic

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Purpose: Twitter is being increasingly used by nursing professionals to share ideas, information, and opinions about the global pandemic yet there continues to be a lack of research on how nurse sentiment is associated with major events happening on the frontline. The purpose of the study was to quantitatively identify sentiments, emotions, and trends in nurses' tweets and to explore the variations in sentiments and emotions over a period in 2020 with respect to the number of cases and deaths of COVID-19 worldwide.

Design: A cross-sectional data mining study was held from March 3, 2020, through December 3, 2020. The tweets related to COVID-19 were downloaded using the tweet ids available from a public website. Data were processed and filtered by searching for keywords related to nursing in the profile description field using the R software and JMP Pro Version 16 and the sentiment analysis of each tweet was done using AFINN, Bing, and NRC lexicon.

Findings: A total of 13,868 tweets from the Twitter accounts of self-identified nurses were included in the final analysis. The sentiment scores of nurses' tweets fluctuated over time and some clear patterns emerged related to the number of COVID-19 cases and deaths. Joy decreased and sadness increased over time as the pandemic impacts increased.

Conclusions: Our study shows that Twitter data can be leveraged to study the emotions and sentiments of nurses and the findings suggest that the emotional realm of nurses was affect-

ed during the COVID-19 pandemic according to the emotional trends observed in tweets.

Biography

Teenu Xavier is a PhD nursing student at the University of Cincinnati. Her dissertation work focuses on understanding the unique needs, experiences and strategies used by ICU nurses to be resilient during the COVID-19 pandemic. Her long-term career goal focuses on promoting resilience among nurses and to develop novel, targeted interventions to preserve and/or enhance resiliency. She has presented various papers at international conferences and has various publications to her credit.. This study was done as sub-study of the investigator's dissertation project. The COVID-19 pandemic has affected the nurses tremendously as they were in the frontlines providing care to the patients and these nurses used social media platforms to express their frustrations, emotions, and needs. So, we decided to look at the data available through Twitter to take a deep dive into the sentiments of nurses during the COVID-19 pandemic.

Title: Survey On The Quality-Of-Care Standards In A Nursing/Midwifery Training Hospital At Tikur Anbessa Specialized Hospital In Addis Ababa, Ethiopia

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There is still a need to identify “best practices” and describe models and interventions to achieve patient-centered and high-quality standard nursing services. This study was aimed to conduct a survey on the quality-of-care standards in nursing/midwifery training hospital in Addis Ababa, Ethiopia. A multiple methods design was used for the study. For the quantitative phase, 35 nurses, 35 patients, and 52 patient charts were selected by simple random sampling from eight randomly selected wards of the hospital. For the qualitative phase, purposive sampling was employed to select participants for focus group discussion and in-depth interview. Twelve instructors and 11 head nurses were recruited. The Quality Audit tool developed by Ethiopian Federal Ministry of Health was applied. The finding reveals that the nursing and midwifery service quality standards were low and did not meet Ministry of Health standards. The chart review showed that 83% of nursing and midwifery assessments were not completed within eight hours of patient arrival, and in over half the charts (58%), there was no written evidence of compilation of data based on Gordon’s functional model. Only two wards met Standard 1 with adequate medical equipment for nursing diagnosis or intervention. Seventy-five percent of the wards had a scarcity of materials and supplies needed to provide a quality nursing service. Half the nursing stations had adequate patient visibility, and half had an organized chart filing system based on the patient’s bed number. A high proportion of wards were not meeting Ministry of Health standards for nursing midwifery

services. Improvement in care standards is vital to enable the hospital to function as a clinical setting for the education of health-care students. This might be achieved through ongoing attention to quality improvement and a program of in-service training regarding national care quality standards for managers, nurses, and midwives.

Biography

Teshome Habte Wurjine has his senior professional nurse researcher and expertise in evaluation and desire in improving the nursing and midwifery services to maximize quality standard and client centered services. His open and contextual evaluation and evidence practice model based on responsive constructivists creates evidence-based practice to improve nursing and midwifery services (evidences based on Gordon’s functional assessment model). He has built this model experience after years of experience in research, evaluation, nursing clinical experience, teaching, nursing administration and involving in various project activities both in hospital and nursing and midwifery education institutions. Moreover, he contributed a successful and sustainable integration of the service, education and research for evidence-based decision process functional and structural integration in the study facilities.

Title: The Role of Laser In Global Health

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Laser is a modern science used in medical sciences and has played an important role in the health of the people of the world over the last few years. Although scientists and specialists all over the world are not familiar with modern laser therapy or the use of laser in medicine in the field of dermatology, But they are wrong, and it is our job as researchers to promote this new science of medical laser in the world for the sake of people's health and to take a commercial look from this knowledge. Because laser light has its properties in Treatment and diagnosis of diseases will be useful. For the first time in the world, I will claim that the human body It is also capable of producing laser light and with this property can repair damaged tissues and bring old age to adolescence. This scientific case requires extensive studies and tests. Laser light needs to be treated and diagnosed. Then use the appropriate beam and wavelength to treat and diagnose patients. The results of my studies during this year in the field of laser application in medical science and diagnosis are as follows.

Laser Applications in Virology: Due to the growing population and prevalence of diseases, the spread of the virus has become easy today, but we can eliminate viruses with the specific color of the laser beam and the appropriate wavelength in the laboratory and in hospitals. Prevent the spread of this damaging factor.**Laser Application in Biology and Genetics:** Laser application in this field will be very broad and can play an important

role in laboratory research for public health. Cell growth or enhancement of cell safety factors with appropriate laser power and light is applicable. Application of laser in drug delivery of cancer tissue: using a laser and a method for making drugs with nanoparticles, we can use the laser wavelength and appropriate selection of drugs and nanoparticles to target tissues that are used in drug delivery. People with cancer have an important role in minimizing the side effects of chemotherapy. Application of lasers to improve endocrine activity: by using appropriate wavelength lasers and energy, we can influence the process of recovery of the activity of the glands, which is used to improve the thyroid gland, pancreas and saliva.

Biography

My goal is to promote the science of medicine laser for the health of the people of the world. I specialize in the areas of laser application in chemotherapy, drug delivery, stem and blood cells, stimulation of nerve cells, healing of body tissues, Low power lasers and acupuncture laser treatment. Serving all respected professors, researchers and academic centers interested in collaborative activities I declare cooperation.

Title: 360° Videos In A Vr Environment - A Randomized, Multicenter Pilot Study To Assess State of Mind, Technology Affinity, And Motion Sickness in Seniors In Long-Term Care Facilities

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Context: VR as an application to increase well-being is sparsely researched in the elderly population. The aim of the pilot study was to analyze the effect of 360° videos with regional (e.g. tradition in the Ore Mountains) and international reference (e.g. Kenya National Park) on the state of mind of seniors in care facilities. In addition, technology affinity and potential motion sickness were recorded. **Methods:** The VR experience was used to complement existing social care services in three nursing homes in eight subjects from November 2020 to January 2021. Mood state was assessed before and after the intervention using the Happiness and Satisfaction Scale (ISSP). Demographic data and technology acceptance were collected before the intervention. After the intervention, subjects were asked about confounders and side effects, and staff were asked about the ease of use of the system and the organizational design of the implementation. **Results:** There was a positive effect on mood state. Gender and spatial mobility proved to be influential factors. Videos with people, animals and actions achieved the highest increases in state of mind. Interest in using technical devices correlated negatively with the change in state of mind. None of the subjects found the VR goggles distracting or reported motion sickness. Ease of use was described as very good by the staff. **Conclusion:** Due to the Corona pandemic and limited access to subjects, the a priori planned number of cases was not achieved. A very high willingness to use this technology was found among caregivers and residents. The trends of the positive effect of 360° videos on

well-being as well as the influence of different subjects should be verified in further studies with larger samples to empirically validate the use of this technology to increase quality of life.

Biography

I first studied Nursing Management (Diploma) until 2009 and graduated with a Master of Public Health (MPH) in 2012 from TU Dresden, Germany. In 2017, I then earned a doctorate in health sciences. Since 2009, I was employed as a senior manager of private nursing companies for 9 years. Since 2018, I have been a professor of healthcare management at the University of Applied Sciences Zwickau, Germany. My teaching areas include the topics of interorganizational optimization of vertical and horizontal care structures horizontal care structures, patient demand planning and management of underuse, overuse, and misuse, and service management. Several publications in renowned journals are available (<https://orcid.org/0000-0003-1122-2226>).