



7th International Conference on

Public Health and Nursing

September 19-20, 2018 | Singapore

Scientific Tracks & Abstracts Day 1

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The Predictors of health outcome among patients with type 2 Diabetes Mellitus

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Diabetes Mellitus is a common chronic condition almost worldwide. The management of this disease is a lifelong care with complex course of therapy which requires thorough understanding of the disease and adherence to treatment regimen. However, Diabetes Mellitus remains to be a major public health challenge worldwide. The study examined the factors that predict the health outcomes among patients with Type II Diabetes Mellitus utilizing a descriptive-analytical design. The study was composed of 128 patients who were 18 years old and above, diagnosed at least a year with Type II Diabetes Mellitus, no previous surgeries or hospitalization, independent and with little assistance in self-care activities, able to read, understand and sign informed consent, lives in a home setting, and currently on an outpatient status. Most of the patients were 60 years and above and were females with vocational education, married, retired, with more than 16 years of diagnosis, with perceived good health status, mostly weighing below 50 kilograms, and were within the 1.54 to 1.69 meters of height range. In terms of treatments as perceived barriers to action, 60 patients (46.88%) agreed that there are too many treatments to manage. Most patients considered situational influences a moderate problem. The adherence level to health-promoting behaviors of the patients was rated good. The health outcomes of the patients in terms of body mass index, lipid profile, fasting blood sugar, and glycosylated hemoglobin A1c had normal results. Sex and weight were predictors of health outcomes for body mass index. Weight was a predictor of health outcomes for lipid profile. Dietary behavior, civil status and weight predicted the health outcomes for glycosylated hemoglobin A1c.

Biography

Juruena is currently working as Nurse II at Southern Philippines Medical Center as well as a Nursing Instructor (Part-time) at Davao Medical School Foundation, Inc. He received his PhD in Nursing Practice at Mandaue City College in 2017. He completed his Master of Arts in nursing major in Medical-Surgical Nursing at University of the Visayas in 2015. He currently is undertaking his second professional doctorate degree, Doctor of Healthcare Management at University of the Visayas. He also works as one of the Editorial Board Members and Peer Reviewers in Nursing and Palliative Care International Journal at Ology Press in Budapest, Hungary. He has authored two books, one for Master's thesis and the other is Doctorate dissertation. His works reflect his research interests in healthcare management and clinical nursing. He is serving as a member of Philippine Nurses Association and National League of Philippine Government Nurses.

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Rehabilitation of the burn patient's care needs and quality of life for long term follow-up research

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Patients with severe burns are often accompanied with physical, psychological, social, and occupational long-term impact and affect their quality of life. The study aimed to investigate the burn patients' care needs and the quality of life after one year of the accident. 104 Taiwanese patients participated in structurally formulated questionnaires and cross-sectional study were used. Data were collected at a burn foundation from February 1 to December 31, 2016. Descriptive statistics were used to analyse and inferences using analysis of variance, Pearson correlation and multiple regression analyses. The research reveals that the patients are female (56.7%), unemployed or suspended from school (75%), and lived together with family members (79.8%). The patients' average age was 23.6 years. 58.7% of them still had burn wounds. Overall, the average of satisfaction degree in one's living quality before the accident occurred was 79.90 ± 15.53 , but one year after the accident, it decreased to 56.41 ± 18.83 . Furthermore, between the "important" and "satisfaction" aspects of items in the living quality scale also showed significant correlations. Besides, body symptoms were the main stresses of the patients. There was a moderate relationship between the patients stress and their quality of life, $r = -.56$, $p < .01$. Consequently, the social support needs of the patients was slightly related to the quality of life, $r = .28$, $p < .01$, but the patients especially needed "informative social support". In order to help patients to develop better overall health, it is advisable for professionals to early detection barriers and to provide more rehabilitation services information.

Biography

Ting-Yuan Shiue is a Lecture and a clinical preceptor in psychiatric and mental health nursing under the Department of Nursing at Technology of Tzu Chi University, Taiwan. Ting-Yuan is currently pursuing Doctor of Philosophy at the Department of Nursing, College of Medicine, and National Taiwan University, Taiwan. Her research interest is public mental health. Especially is mental health care with a special emphasis on the patients and their main caregivers' well-being.

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Cancer patients who use complementary and alternative medicine-family's point of view

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Complementary and Alternative Medicine (CAM) had long existed in the human history as long as we can imagine. The prevalence of CAM may be different between western and eastern countries. CAM is widely utilized by healthy people, people with diseases and people with cancer. Many studies have done in these areas. However, family's perspectives are not explored in much depth. Therefore, this study aims to explore family's points of view to people with cancer who use CAM. This study adopted a qualitative research design based on grounded theory. A semi-structured, in-depth interview was conducted. Five categories emerge regarding family of cancer patients' views to people with cancer who use CAM. The process include: The purposes of using CAM, patients and family use of CAM, using CAM actions, religious practice for cancer patients, family caregivers' roles. Core category: He/she is comfortable-most important. The recommendation for this study is family's responses and actions to people with cancer who use CAM should be known by health care professionals (HCPs). The information of using CAM should be known when patients admit to the hospital. For future research, it is recommended to explore what CAM that the patients actually use. In addition, it is worthwhile to establish the evidence base for CAM which works for the cancer patients in Taiwan.

Biography

Shou Yu (Cindy) Wang is from Taiwan. She is interested in supportive care (especially in Complementary and Alternative Medicine (CAM) use) and palliative care in cancer. Now, she is an assistant professor at Department of Nursing Hungkuang University in Taiwan.

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A digital game to awaken fertility awareness among young adults

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Several researches agree with our studies that fertility awareness in Finland is relatively low, especially among males. As a part of “Healthy Pregnancy, Good Delivery” project we built a playful, digital Matchmaker game in order to awaken fertility awareness. While piloting it, we found out that young adults, especially females over 25 years living in relationship, were very interested in the game. According to the feedback, this game was not only fun to play, but furthermore it became serious resource for them. The game is very simple to play. The player can either choose readymade male and female characters or create one’s own and partner’s profile. Character attributes, which the player needs to select, are age, dietary choices, BMI, exercise, smoking, use of alcohol and drugs and if they have had sexually transmitted diseases. As a result of the game the player gets a personal evaluation for the possibility of the chosen couple to get a baby and what factors might explain why it is not easy for them to get pregnant and what to do to improve the possibilities. The game is available in Finnish and English. In our oral presentation, we will talk about the game and show how to play it. The game is based on latest reproductive health research. The project “Healthy Pregnancy, Good Delivery” was funded by Ministry of Social Affairs and Health of Finland.

Biography

Jouni Tuomi is RN and PHN. He has completed his PhD from Jyväskylä University 1997. He has worked in different Universities and Universities of Applied Sciences in Finland. He is a principal lecturer in Health Promotion and project manager in “Working in all ages” and “Wise Choices - Preconception Health Development among Youths and Young Adults” (2018-2020) in Tampere University of Applied Sciences. He has published several papers in Finnish and English and is an author of several books as well as co-editor over 10 books in Finnish in different fields.

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Taiwanese indigenous cancer survivors' palliative care public understanding, life attitudes, and behavioral engagement on advance care planning

Yvonne Hsiung, In-Fun Li, Ming-Chung Bai
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Experiences of Advance Care Planning (ACP) promotion endeavors that increase Taiwanese indigenous people's awareness for palliative care education will be shared for rural health care providers. A mixed method study was designed to examine the influences of obtained knowledge, life attitudes of existential transcendence, optimistic coping, and ACP engagement among indigenous cancer survivors mostly residing in Eastern Taiwan. This study of a unique sequential exploratory design, following the preliminary qualitative results, was conducted in two phases and important issues during the recruitment and ACP promotion process will be discussed, especially limitations in the relatively rural, under-representative areas. The significance of this project was valuable in that a large number of indigenous cancer survivors were enrolled, the representative sample was drawn from various remote Taiwanese areas, the rigorous study design was interdisciplinary, optimal data collection was managed by their familiar trained professionals, and measures chosen were with little burdens. The results of this study provided information, for the first time in Taiwan, contributing to set standards for health promotional programs in the current end-of-life public education. Ultimately, this study led to opportunities to decrease personal symptomatic distress, improve communication among patients, health care providers, and family caregivers, decrease decisional conflicts and care burden, increase care continuity, and enhance quality of life. Future implications also included clinical and policy-making guidance particularly for these minority indigenous groups in Taiwan.

Biography

Yvonne Hsiung received her PhD in Palliative Care Nursing in 2011. Being an ethical consultant for terminal patients and family surrogates, her previous research, teaching, and clinical experiences mostly focused on the health promotion, community education, and cultural advance care planning among minority groups in the Greater Chicago Area. She returned to Taiwan in 2012 because her father required cancer care. Now she is at Mackay Medical College teaching courses about Oncology Nursing, Palliative Care, Medical Ethics, Spiritual Nursing Care, and Life and Death Education.

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The discussion on the full range health care model of the elderly in China.

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Based on the result of literature review, we introduce how to bring in and localize the advanced care ideas and models for the elderly abroad, and explores the full range of health care model (acute care, mid-term care, long-term care) for the elderly in China.

Suggestion: 1. From the characteristics of the care model for the elderly in the country, to grasp the direction of development of full range of health care, and understand the importance of the direction; 2. According to the national policy and the development of information technology, we recommend that acute care should be taken as the beginning, and should use information networks to extend the medium-term and long-term care to build a continuation of the full range health care model. 3. Fully recognize the importance of professional care skills training for caregivers and national care insurance, because they ensure the sustainable development of the full range health care.

Biography

Chunlan Bai studying her Ph D in West China Medical School of Sichuan University, China

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