

Nursing staffs with a lower job perception and a higher opportunity of other job have a higher turnover intention. Turnover of nursing staffs is an important issue to the management of health care organizations. This study may serve as a reference and utility for nursing staffs and medical managers who focus on researching or solving this problem.

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In-Flight Medical Emergencies and Public Safety in Hong Kong Commercial Aviation

Kevin K C Hung, Emily Chan, Robert Cocks, Timothy Rainer, Colin Graham

The Chinese University of Hong Kong, Hong Kong

Background: With increasing globalization, commercial air travel has become more accessible. More passengers present with in-flight medical problems, and critical illness may lead to aircraft diversions or in-flight death. The study objective was to examine the predictors of medical diversions and in-flight deaths among passengers who present with in-flight medical problems. **Methods:** Retrospective cohort study of in-flight medical problems for a large commercial airline based in Hong Kong. All passengers with in-flight medical problems for whom emergency medical advice (MedLink) was sought from December 2003 to November 2008 were studied. For each passenger set variables were collected, and those with recorded outcomes of diversion and death were identified. The variables associated with diversion and death were identified using t-tests, the chi square tests and logistic regression analysis.

Results: There were 4068 medical emergencies with 46 diversions and 30 deaths in the five year study period. Increasing age, altered mental status and the use of an automated external defibrillator (AED) were significant risk factors for both diversions and deaths. For passengers aged 81-90 years who presented with medical problems, the odds ratio for diversion increased to 15.2 compared to 11-20 year olds. Passengers who were unconscious were 33.4 times more likely to require diversion and 234 times more likely to die.

Conclusions: Public awareness of potential medical risks during flights and prescreening of passengers are important in preventing in-flight medical emergencies. Improvements in the reporting system are necessary to improve our understanding of in-flight medical emergencies.

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Self Efficacy & Sociocultural Factors: Impact on Condom Practices & Condom Programming

Yut-Lin Wong, Eng-Suan Ang, Li-Ping Wong

University of Malaya, Malaysia

Malaysian married men's low condom use, at 6.9%, is a serious challenge to its national efforts to halt rising HIV/AIDS. Individual and sociocultural factors impact

on condom practices. A mixed methods study of 240 urban respondents (68% male, 32% female) was conducted to assess condom practices and barriers (individual and sociocultural factors) through survey and 6 Focus Group Discussion (FGD). 40% of the sexually active respondents ever used condoms and 33% never used. Majority did not use condoms at first sexual intercourse, or with primary partners. Self efficacy barriers included low confidence in condom use, condoms tearing, semen spillage, and interrupted choreography of condom use. Other individual factors were decrease in sexual pleasure, "lazy" to use condoms and embarrassment when buying condoms. However, FGD findings revealed sociocultural factors underlying self efficacy/individual barriers: men's culture of resistance to condom use based on male privilege to sexual pleasure; male anxiety about interruptions, fear of losing erection and failure to ejaculate based on norms of masculinity and sexual prowess. Cultural inhibitions and non-acceptance of sex among the young, unmarried, and of diverse sexual orientations explain men's embarrassment in buying condoms. The complex interrelationship between self efficacy/individual barriers and sociocultural factors call for comprehensive condom programming and promotion. It should incorporate strategies that desensitize the condom, behavioral change communication, improved access and availability of condoms; and targeting masculinity and condom resistance through promotion of gender equality and male responsibility towards safe sex.

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Breast Health Awareness and Practice of Breast Self Examination (BSE) among Female Adults in Malaysia

Zi Kheng Tan, Nabilla Abdul Mohsein Al-Sadat

University of Malaya, Malaysia

Breast cancer is the most common cancer amongst Malaysian women. It is known that knowledge and self awareness about early detection of breast cancer could encourage women to carry out Breast self examination (BSE). Thus, the objective of this study is to document the levels of knowledge, attitudes and practice of BSE among rural women in the state of Pahang, Malaysia. **Methodology:** A cross-sectional study was conducted among 1079 females aged between 20 and 60 years that were selected from five districts by random sampling to represent the population of Pahang, Malaysia. **Results:** Generally, there was a very high degree of awareness among the females in all the districts. About half (53.3%) of the information regarding breast cancer were obtained directly from the healthcare sector, while mass media contributed only 32.3% in providing awareness of breast cancer. It is encouraging to note that more than 62.6% had ever practiced BSE and more than 60% of those who do BSE practiced it once a month. Self awareness of breast cancer was reported to be the main factor (74.1%) that encouraged the females to practice BSE. Out of the

10% of the females that had ever detected any lumps in their breast, 77.8% of them had sought professional help. Conclusion: The practice of breast self examination among adult females in Malaysia depends much on the various socio-demographic characteristics especially the level of education and exposure to the knowledge of breast cancer.

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The Measure of Continuity of Care- Analysis and Application

Po Ju Chiu, Shou Hsia Cheng

National Taiwan University, Taiwan

Objectives: 1. To seek for a suitable measure of “Continuity of Care”(COC) for Taiwan. 2. To apply the suitable measure to examine the relationship between COC and care outcome. **Methods:** We designed a questionnaire of COC measures assessment and sent out to 21 professors/doctors who were familiar with the research issue or healthcare quality. The data of association analysis came from National Health Insurance research database. Logistic Regression and Negative Binomial Regression were used to examine the relationship between COC and hospitalization and emergency department visit.

Results: According to the descriptive analysis of the questionnaire, there was no consensus about the best COC measure in Taiwan. However, among the COC measures based on claims data, COCI was the most stable indicator when taking the number of ambulatory visits into account. COCI and MMCI were used as COC indicators in the regression models. The analysis was carried-out by two separate subsamples: patients with non-chronic disease related visits (n=49803) and with chronic disease related visits (n=14172). Results from the regression models showed that people with high COC had lower likelihood and fewer number of utilization in hospitalization and emergency department visit for patients in both sub-sample.

Conclusions: There is no consensus on what kind of COC measure is the most suitable for Taiwan. Nevertheless, we suggest that COCI is good for researchers in Taiwan. Furthermore, this study also supports that higher COC is associated with lower risk and frequency in both hospitalization and emergency department visit.

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Effect of Fish Concentrate Capsule on Post-Op Patients at orthopedic Division, Wahidin Sudirohusodo Hospital, Makassar, Indonesia

Healthy Hidayanty, Nurpudji Taslim, Nurhaedar Jafar

Hasanuddin University, Indonesia

A kind of fish called snakeheads contents higher albumin than other fishes. The study was to assess effect of fish concentrate capsule on albumin serum, nutrition intake,

mid upper-arm circumference (MUAC), and wound healing process. This was a quasi experiment pre-post test with control. The subject were post-op patients with open healing that divided into two groups(n=13 each), intervention group (IG) who received fish capsule and diet high calorie protein program from hospital, while the control group (CG) just obtained diet high calorie protein program. Measurements were conducted before and after ten days intervention including albumin, nutrient intake and MUAC. Data was analyzed using paired and independent t-test. The study showed that there was a significant different before and after at IG of albumin serum, intake of energy, protein, lipid, carbohydrate and zinc (p 0.05). On the other hand, there was not a significant different in CG on albumin serum and nutrient intake (p >0.05), except to MUAC (p < 0.05). By using, wound healing indicator, there was 4 days faster in intervention compared to control groups. Different changes between intervention and control groups for albumin, intake energy, protein, lipid, carbohydrate and zinc were 0.7g/dl, 654kcal, 25.2g, 22.8g, 89.5g, and 2.7mg respectively. We conclude that providing fish (snakeheads) capsules for ten days to post-op patients can increase albumin, nutrition intakes and wound healing.

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Impacts of a Government Social Franchise Model on Service Utilization and Client Satisfaction at Commune Health Stations in Vietnam

Anh D Ngo¹, Dana Alden²

1. University of Queensland, Vietnam

2. University of Hawaii, USA

While franchising private RHFP services has been found to improve service quality and utilization in developing contexts, there is very little evidence to demonstrate that franchising RHFP services improves service utilization in the public health clinics. This evaluation study assesses the impact of a social franchise model of reproductive health and family planning services tested first time in the public communal health stations (CHSs) in two provinces of Da Nang and Khanh Hoa in central Vietnam. Data collected from CHSs' client visit counts and surveys of 1181 users and would-be users in the communities conducted at baseline, six months, and 12 months following the full implementation of the model. Data on client visit counts indicate that franchise membership is significantly associated with an additional 51% reproductive health clients, 40% general clients, and 45% family planning clients. Client survey found a positive association between franchise membership with community perceptions of service quality, client satisfaction, and their likeliness to return and recommend others to low cost, community-based reproductive health and family planning services provided at the local CHS. This positive finding suggests that the integration of franchising into provision of reproductive health services