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| CAiro university  Faculty of nursing  research plan | جامعة القاهرة  كلية التمريض  الخطة البحثية |



**Faculty y of Nursing**

**Research Plan**

**2012-2017**

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| **Medical Sector Research Goals** | **Faculty of Nursing Research Goals** | **Medical Surgical Nursing** | **Critical Care Nursing** | **Pediatric Nursing** | **Maternity Nursing** | **Nursing Administration** | **Community Health Nursing** | **Psychiatric Health Nursing** |
| 1. Update knowledge about the incidence of the most prevalent community diseases and their relationship to environmental and social factors. | 1.1- Study of common community diseases and their relationship to biological , social, psychological and, environmental factors in different nursing specialties | 1.1.1- Study of common community diseases and their relationship to environmental and social factors (as liver diseases, oncology and heart diseases…etc.) | * 1.1.2- evaluate the effect of biological , social ,psychological and ,environmental factors on health of critical ill patients. | 1.1.3.1-Study of common diseases in children ( pediatric oncology, gastroenteritis, respiratory diseases…etc.) | 1.1.4- Study of common diseases in women and newborn and their relationship to environmental and social factors. | * 1.1.5- evaluate the effect of biological , social and psychological factors on health and illness | 1.1.6- Study of common community diseases and their relationship to environmental and social factors. | 1.1.7-Study of common psychiatric diseases in community(depression, schizophrenia, anxiety…etc.) |
|  |  |  | 1.1.3.2- Study of common diseases in children and their relationship to environmental and social factors. |  |  | 1.1.6.2- evaluate the effect of biological , social ,psychological and ,environmental factors on common community diseases | 1.1.7.2- Study of common psychiatric diseases and their relationship to environmental and social factors. |
| 2 - Invent new materials, medicine and technologies that enhance screening, early detection of tumors, also promote prevention and treatment of chronic diseases, endemics, epidemics and malignant tumors | 2.1- Design protocols of nursing care for common community diseases in different nursing specialties | 2.1.1- Design protocols of nursing care using new technologies for examination, early detection, diagnosis and prevention of common community diseases | 2.1.2.1- Design protocols of nursing care to enhance quality of nursing care provided to critically ill patients | 2.1.3- Design health education programs based on three levels of prevention for children in different age groups | 2.1.4.1- Design health education programs for high risk pregnancy , fetus and women health | 2.1.5- Design training programs to improve nursing care quality using new technology | 2.1.6.1- Design  health education programs based on three levels of prevention for patients with chronic, endemic community diseases. | 2.1.7.1- Design protocols of nursing care using new technology for common psychiatric diseases in the community |
|  |  | 2.1.2.2- Design health education programs for critical ill patients |  | 2.1.4.2- Design protocols of nursing care using new technology in high risk pregnancy , fetus and women health |  | 2.1.6.2-Design health education programs build on levels of prevention for chronic and endemic community diseases. | 2.1.7.2 - Design health education programs build on three levels of prevention for common psychiatric diseases in the community |
| 3-Evaluate materials, medicines, and technologies that enhance the screening, early detection of tumors, also, promotes prevention, diagnosis, and treatment of chronic diseases, endemic and epidemic and malignant tumors | 3.1- Evaluate the protocols of nursing care effectiveness in nursing care | 3.1.1-Evaluate the efficacy and efficiency of protocols nursing care in  Medical surgical nursing | 3.1.2-Evaluate nursing care protocols that enhance diagnosis and management of critical ill patients | 3.1.3-Evaluate nursing care protocols that enhance early detection of health problems in children | 3.1.4-Evaluate the effectiveness of nursing care protocols in mother's health, neonate and women health. | 3.1.5-Evaluate the  training programs that enhance quality of nursing care using new technology | 3.1.6-Evaluate the effectiveness of new technologies in prevention and management o community health. | 3.1.7- Evaluate the protocols of nursing care effectiveness in nursing care for  psychiatric diseases and psychiatric health |
| 4- Study application of new technologies (Nanotechnology, genetic engineering, and stem cell ) in health care and industry | 4.1-Evaluate applications of new technologies in healthcare field | 4.1.1-Evaluate the applications of using new technologies in education and providing nursing care in medical surgical nursing | 4.1.2-Evaluate the applications of using new technologies in nursing education and providing nursing care for critically and emergencies patient | --------- | --------- | 4.1.3-Evaluate the applications of new technologies in  The quality of health care | 4.1.4- Study the impact of using new technology in nursing care quality | --------- |
| 5- Creation of new technologies that enhance the treatment of patients with special needs and rehabilitation after medical and surgical intervention. | 5.1- Design new rehabilitation programs  for high risk groups in the community | 5.1.1 Design new rehabilitation programs  to enhance patients rehabilitation after medical and surgical management | 5.1.2- Design new nursing rehabilitation programs for critical care patients | 5.1.3.1 Design new nursing rehabilitation programs for children with special needs | 5.1.4-Design new nursing rehabilitation programs for high risk groups in Egyptian community( teenagers, women, mothers with high risk pregnancy | 5.1.5--Design training programs for new technologies that enhance patients treatment | 5.1.6.1.-Design new nursing rehabilitation programs for elderly in community |  |
|  |  | 5.1.3.2-Design new nursing rehabilitation programs for high risk children. |  |  | 5.1.6.2- Design nursing care and rehabilitation programs for geriatric group in community | 5.1.7-Design nursing care and rehabilitation programs for addicted group in community |
| 6- Evaluation of new technologies that enhance the treatment of patients with special needs and rehabilitation after medical and surgical interventions. | 6.1- Evaluate new nursing rehabilitation programs for high risk groups in Egyptian community. | 6.1- Evaluate rehabilitation programs that enhance rehabilitation after medical and surgical management | 6.1- Evaluate nursing program that enhance the rehabilitation for critically ill patients. | 6.1- Evaluate rehabilitation program that enhance treatment of children with special needs | 6.1- Evaluate new nursing rehabilitation programs for high risk groups in Egyptian community( teenagers, women, mothers with high risk pregnancy | 5.1- Evaluate training programs for new technologies that enhance patients health | 6.1-Evaluate nursing care and rehabilitation programs for high risk groups in Egyptian community | 6.1- Evaluate nursing care and rehabilitation programs that enhance addicted group in community. |
| 7- Evaluate the available evidence on the efficiency and effectiveness of treatment methods applied in the field of health care. | 7.1- Evaluate the efficiency and efficacy of nursing protocols based on evidence on the quality nursing care in different nursing specialties | 7.1 Evaluate the efficiency and efficacy of nursing protocols based on evidence on the quality of medical surgical nursing | 7.1 Evaluate the efficiency and efficacy of nursing protocols based on evidence on the quality of in critical care nursing | 7.1 Evaluate the efficiency and efficacy of nursing protocols based on evidence on the quality of pediatric nursing | 7.1 Evaluate the efficiency and efficacy of nursing protocols based on evidence on in the quality of quality in mother's health, neonate and women health. | 7.1 Evaluate the efficiency and efficacy of nursing protocols based on evidence on in the quality of nursing care. | 7.1 Evaluate the efficiency and efficacy of nursing protocols based on evidence on in the quality of nursing care | 7.1 Evaluate the efficiency and efficacy of nursing protocols based on evidence on the quality of psychiatric nursing care |