

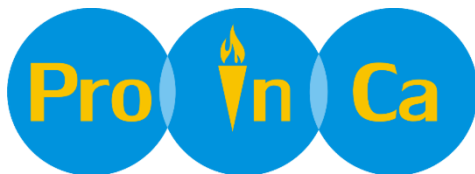


WP 2.3.1

International best practices and recommendations for the enhancement nursing research

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Promoting the Innovation Capacity of Higher Education in Nursing during Health Services
Transition



Nursing research

- Add and develop knowledge to benefit patients, families and communities
- Encompasses all aspects of health that are of interest to nursing
 - promotion of health, prevention of illness, care of people of all ages during illness
- Provides evidence-based information that supports nursing practice



(ANA 2019, ICN 2009)



Research infrastructures - backbone of science

Infrastructures are:

- Often collective and international
- Consist of research libraries, hardware, data networks, databases, collections, and related services
- Prerequisite for top-ranking research
- Offers co-operative opportunities for foreign and domestic researchers

(European Strategy Forum on Research Infrastructure 2013, Finnish Academy, 2013)





Successful factors for nursing research infrastructure; ICT

- Competency of mix multiple ICT-methodology support researcher to make nursing research (Button, Harrington & Belan, 2014)
- Competence of nursing information technologies and E-learning support life-long learning skills required to provide safe evidence based care
- The latest statistical and qualitative analysis software with full licenses support researches to analysis to nursing research data





Current situation in Medical Universities in Kazakhstan

- Nursing in the Republic of Kazakhstan has undergone changes since the 90s
- In 2006 the State Standard of Higher Education in the specialty “Nursing” was created
- For the first time in Kazakhstan, a bachelor's and master's degree in a nursing education program appeared
- The need to reform nursing is proclaimed in the main documents of the Ministry of Health of the Republic of Kazakhstan (National Healthcare Program of the Republic of Kazakhstan “Kazakhstan” for 2011-2015)
- All the medical universities provide basic software for researchers: a word processing program, a spreadsheet, and a demonstration software
- There were no specific softwares for efficient analysis of nursing research data or e-platforms for collaboration in multicenter international research projects



Successful factors for nursing research infrastructure; International services

- Different international networks of nursing
- The staff participate in international research and collaboration
- Nursing teachers as visiting professors in foreign universities





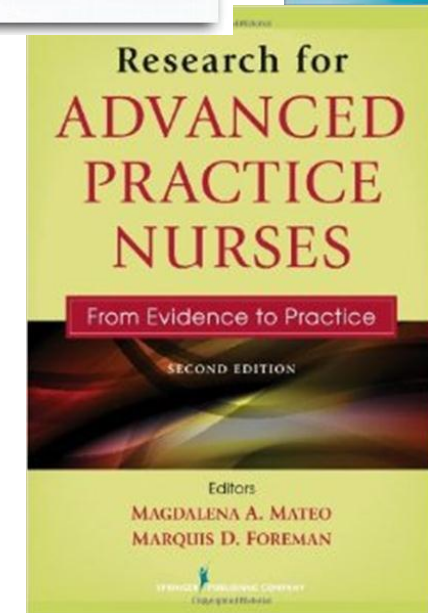
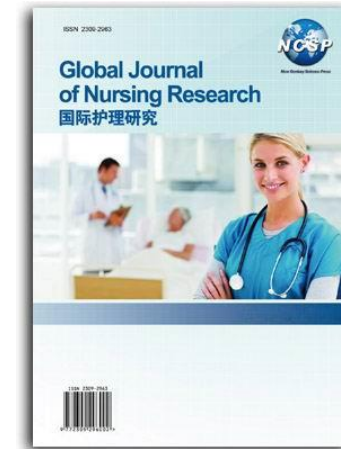
Current situation in Medical Universities in Kazakhstan

- None of the medical universities of Kazakhstan is part of the international networks of the nursing association
- No university belonged to the international network of nursing
- Visiting nursing professors are generally not frequent guests



Successful factors for nursing research infrastructure; Library services

- Up-to-date and current information for nursing research in many ways (books, journals, e-material and different databases)
- Printed and electronic nursing books and nursing journals from databases
- Journal publications or online journals are international





Current situation in Medical Universities in Kazakhstan

- Most of books in universities libraries consist of clinical skills of nursing, basics of management or theory of nursing but those books do not guide students to nursing research and methodology



Successful factors for nursing research infrastructure; RDI

- The institution encourages faculty to publish in academic forums
- Strategic partnership agreement with regional public health and social services
- Different research and development project training for staff members
- Each project to be launched Contact person for project management services team



Current situation in Medical Universities in Kazakhstan

- Nursing researches are organized at universities only in the framework of writing and defending diplomas or dissertations at the level of bachelor and master programs
- The system for reviewing publications and organizing the preparation of research proposals, such as PURE, has not been introduced at universities



Successful factors for nursing research infrastructure; Financial services

- Systematic, trained, and organized support staff teams for attracting outside funding
- Persons who advise staff in budgeting and are specialized in project accounting for research or development projects
- Various employment opportunities in the field of Research and Development and RDI preparation funding to prepare new applications



Current situation in Medical Universities in Kazakhstan

- The stages of master, doctoral programs are largely financed by the state through educational grants. Grants, i.e. the research in various fields is financed by the universities themselves, as well as by the Ministry of Healthcare, Ministry of Education and Science .
- An Expert Committee on Nursing Research will be created; in Kazakhstan, at least 10 research projects on nursing will be implemented annually with a total funding of at least 20 million tenge; at least 20 publications in the world base of Scopus will be published by Kazakhstani nursing researchers; a national journal of evidence-based nursing will be established, publishing evidence-based nursing information and research in nursing



Recommendations for development of nursing research infrastructure in Kazakhstani Medical Universities

- **Invest in the procurement** study materials (nursing specific databases, journals, books, eBooks) and software of analysis of qualitative data necessary for nursing research
- **Join to the international** nursing community and networks of education and research as well as **increase long term cooperation** with international universities in order to be able to plan and implement high quality nursing research
- **Collaborate** in systematic capacity building of administrative and teaching staff on nursing science, project management, English and ICT skills in order to cost effectively organize training programs



Thank you

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