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«Accelerating Master and PhD level nursing education development in the higher education system in Kazakhstan -
AccelEd»

KA2 – Cooperation for innovation and the exchange of good practices –
Capacity Building in the field of Higher Education
STRUCTURAL PROJECT

Evidence-based Nursing (EBN) through collaboration / Сестринское дело, основанное на доказательствах (ДСП), через сотрудничество

PRESENTED BY B. OMARKULOV, J. HEIKKILÄ, A. AITMAGAMBETOV

LEAD



CO-LEAD





Content of the presentation/Содержание презентации

- Aims and goals/Цели и задачи
- Impact/Воздействие
- Future plans: steps/Планы на будущее: шаги



Aims and Goals

To create sustainable structures and systematic processes for cooperation on nursing research between medical universities and healthcare institutions in order to foster evidence-based nursing.

Цели и задачи

Создавать устойчивые структуры и систематические процессы сотрудничества в области сестринских исследований между медицинскими университетами и учреждениями здравоохранения, в целях развития доказательного сестринского дела.

1) Creation of collaborative structures, processes and capacity to recognize nursing topic areas for research and development/

Создание совместных структур, процессов и потенциала для определения областей сестринского дела для исследований и разработок

2) Capacity building of medical universities' nursing departments teaching staff on service design /

Повышение квалификации профессорско-преподавательского состава сестринских департаментов медицинских вузов по вопросам дизайна услуг

3) Establishing permanent practices on nursing research collaboration in order to support implementation on evidence-based nursing/

Создание постоянной практики сотрудничества в исследованиях по сестринскому делу для поддержки внедрения доказательного сестринского дела



Short term indicators/

Краткосрочные индикаторы

Creation of recommendations for collaboration structures and processes development between universities and healthcare institutions in KZ based on the best European practices/

Создание рекомендаций по развитию структур и процессов сотрудничества между университетами и организациями здравоохранения Казахстана на основе лучших европейских практик

Successfully established the JBI collaborative centre in Kazakhstan

Успешно создан центр сотрудничества JBI в Казахстане

The results achieved in project are presented and discussed with the MoH, RCHD and the Medical universities/

Результаты, достигнутые в проекте, представлены и обсуждаются с МЗ, РЦРЗ и медицинскими университетами

Long term indicators/

Долгосрочные индикаторы

Increased capacity of medical universities' nursing departments teaching staff on service design/

Повышение квалификации преподавательского состава медицинских университетов на факультетах сестринского дела по дизайну услуг

Established permanent practices on nursing research collaboration in order to support implementation on evidence-based nursing/

Созданы постоянные практики сотрудничества в области сестринских исследований для поддержки внедрения доказательного сестринского дела



OUTPUTS AND OUTCOMES/РЕЗУЛЬТАТЫ И ИТОГИ

Online – Meetings with academic and practice participation
Workshops and roundtables Number 5; participants 120

Trainings

- JBI Comprehensive systematic review 31 persons
- Service designers - 150

Reports available at <https://project-acceled.com/reports/>

- Report on recommendations for collaboration structures and processes development between universities and healthcare institution
- Report on the experiences and recommendations on service design and facilitation methods in the development of nursing services in Kazakhstan
- Report: Ongoing Collaborative Practice in Nursing Research in Kazakhstan

Creation of new structures:

- Establishment of a JBI affiliated group
- Creation of the National Nursing Repository.

Онлайн - встречи с участием представителей академических и практических кругов

Семинары и круглые столы Количество 5; участников 120

Тренинги

- JBI Комплексный систематический обзор 31 человек
- Сервис дизайн - 150

Reports available at <https://project-acceled.com/reports/>

- Отчет о рекомендациях по развитию структур и процессов сотрудничества между университетами и медицинскими учреждениями
- Отчет об опыте и рекомендациях по проектированию услуг и методам фасилитации при развитии сестринских услуг в Казахстане
- Отчет: Постоянная практика сотрудничества в области исследований сестринского дела в Казахстане

Создание новых структур:

- Создание аффилированной группы JBI
- Создание Национального репозитория по Сестринскому делу.

Learning materials

Service design_ Lectures at https://project-acceled.com/wp-2-3-service-design_lectures/

Service design_ Tools at https://project-acceled.com/wp-2-3-service-design_tools/



Impact at individual level/Воздействие на индивидуальном уровне



Service Design is incorporated into courses such as Health Promotion and Issues and Trends. Students practice the concept of service design through case studies and the development of health promotion projects. Discussions held with the Quality department on the use of service design. Another project in 2023 was discussed.



Trainees (undergraduates, master's students, doctoral students) and young teachers have acquired skills in critical appraisal of the literature, assessing the applicability of evidence in practice. Inclusion of topics on service design, conducting, analyzing and publishing qualitative research in the educational process at all levels. Master classes and seminars on service design, SUMARY program, work in the CINAHL database were held.



During the implementation and execution of all projects, the level of knowledge of students and teachers has significantly increased: on the application of service design. Skills in qualitative research methods, service design, analysis of master's and doctoral dissertations have deepened, communication skills.



Impact at individual level/Воздействие на индивидуальном уровне



Inclusion of topics on conducting, analyzing and publishing qualitative research in the educational process at all levels. Conducted master classes and seminars on working in the SUMARI program, on organizing, planning and conducting a systematic review, and on service design of nursing services. 4 full-text articles were written and published in journals from the Scopus database.



The admission of nurses for accelerated training has increased, interest has increased. Students became motivated and developed the skills of conducting scientific research, writing scientific articles. Service design tools were included in the educational programs. Learned how to work in the SUMARY program. Teachers and students use the CINAHL database. Attracting students to participate in scientific research and master classes increases interest in learning English. SKMA teachers became motivated and interested in qualitative research methods and the study of service design.



Impact at institutional level/Воздействие на институциональном уровне



In 2022, the Department of Nursing together with the School of Nursing held a round table, discussed the development of nursing, discussions about the possibility of joint service design projects, as well as familiarization of nurses with reports carried out within the framework of the AccelEd project. Students and teachers actively cooperate with the organizers of medical organizations of practical healthcare in the framework of service design projects. Astana Medical University has repeatedly invited teachers from Nazarbayev University during the practical studies of nursing students.



Teachers of the School of Nursing Education and students (nursing) actively cooperate with practical health care organizers in service design projects. Favorable contacts with international partners have been established thanks to the project.



Qualitative research methods, evidence-based nursing practice have been strengthened.



Impact at institutional level/Воздействие на институциональном уровне



We're able to secure research funding at NU and in collaboration with AMU, SKMA, and UMC. Another project was created and submitted to NU internal funding in collaboration with AMU, KNMU



In 2022, a seminar "Organization and improvement of the methodology of scientific research" was held and discussed the development and reform of nursing science and research in the higher education system of Kazakhstan, designing and conducting research on service design, as well as the opportunity to improve skills in developing protocols for qualitative and quantitative systematic reviews under the JBI SUMARY program. In 2022, a service design study was conducted at the Shymkent Heart Center on the topic "Patient satisfaction with the level of care provided in the cardiology department of the Shymkent Heart Center during diagnostic procedures."



Impact on the Higher education system/Влияние на систему высшего образования



Increasing the prestige of the profession through research, compilation, and implementation of clinical practice guidelines. The training material obtained during the course "Systematic review on nursing" was included in the syllabus for Master students for the discipline "Methodology and methods of scientific research in nursing". Presentations and teaching materials for students



Approval of all criteria and documents developed within the framework of the project in the development of Master's and Doctoral theses in the field of sessional studies through the Republican Educational and Methodological Association, and further approval through the Ministry of Higher Education and Science.



Impact on the Higher education system/Влияние на систему высшего образования



Strengthening of collaboration between NUSOM and UMC through nursing activities.



Development of nursing science, increasing the prestige of the profession through research, compilation and implementation of guidelines for conducting scientific research. It is planned to open a doctoral program in nursing at SKMA. Materials on systematic review and service design were included in the curriculum for undergraduates. All the tools of service design have been studied and 2 mini-studies have been conducted by students.



Impact on the society as a whole/Влияние на общество в целом



Nurses share successful or negative results of service design with colleagues from other organizations through messages at conferences, publication of abstracts and articles in journals of Kazakhstan. The University has already implemented accelerated training programs for practical healthcare nurses. And since these are adult students with a certain length of service and work experience, non-standard teaching methods are used, allowing them to study and work at the same time, without leaving work.



Further cooperation with international partners for the development of nursing science in Kazakhstan. Develop and strengthen the work of the repository.



Negotiations are underway with employers that it is necessary to increase the level of knowledge of nurses in practice about the scientific principles of activity.



Impact on the society as a whole/Влияние на общество в целом



Further collaboration on developing evidence implementation project. We're expecting and trying to expand our collaboration beyond UMC and use evidence implementation on hospitals



Nurses use this method in the workplace. Nurses conduct their research on service design and exchange opinions through reports at conferences, publication of abstracts and articles in journals of Kazakhstan. Practical healthcare workers have increased their interest in conducting research with teachers. SKMA has already implemented accelerated training programs for practical nurses. These adult students are both studying and working at the same time, so hybrid teaching methods are used. Nursing students have the opportunity to choose disciplines depending on their field of activity.



Future plans: steps on how KZ partners will implement and proceed WP activities implemented/achieved outputs



In the future, if a difficult unsolvable task arises in medical organizations, teachers and students of postgraduate education will be able to solve it using the skills of service design. Using the skills of compiling systematic reviews and meta-analyses, collaborations are planned at the institutional level with the CIS and European countries for joint research activities (multicenter studies), to expand the scope of research.



KMU: To develop joint scientific projects with partner universities for the development of nursing science, to attract young teachers to participate in the projects. Training of doctors of sciences meeting international standards



In the future, if a difficult unsolvable task arises in medical organizations, teachers and students of postgraduate education will be able to solve it using the skills of service design. For example, a team from the Department of Nursing actively participated and presented an informative report on the topic "Improving the quality of rehabilitation of patients with atopic dermatitis". This report focused on important aspects of nursing services, applying service design methods for patients suffering from this disease..



Future plans: steps on how KZ partners will implement and proceed WP activities implemented/achieved outputs



- Offer nursing conference that focus on Nursing EBP, use “catchy” title: “Show Me the Evidence”,
- Offer opportunities for PDPs for NUSOM PhD Nursing Faculty to collaborate with KZ universities to participate in teaching research methodology at KZ universities



In the future, SKMA plans to hold seminars and master classes in healthcare organizations throughout the city of Shymkent on conducting service design research, systematic review. Students and undergraduates of subsequent years graduate with the skills to conduct systematic reviews, research using the service design method. It is planned to cooperate at the institutional level with the countries of the Commonwealth and Europe to conduct multicenter research.



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Thank you for your attention

