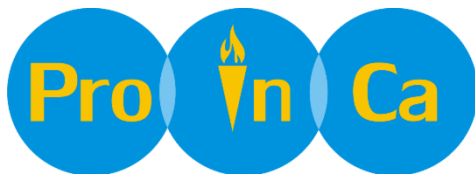




Recommendations to Medical Universities for nursing research agenda

Johanna Heikkilä, JAMK University of Applied Sciences, Finland
Hanna Hopia, JAMK University of Applied Sciences, Finland



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



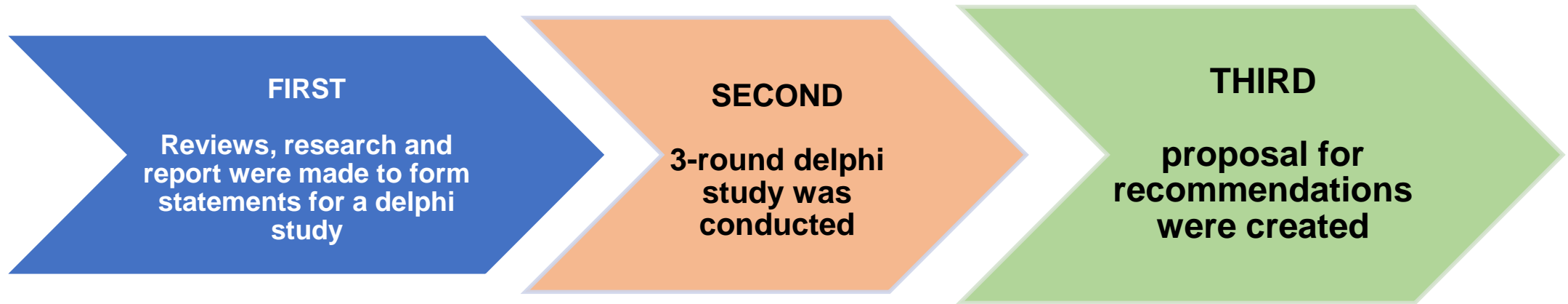
ProInCa WP 2.3

Establish HEI research program and networking in nursing

Collaboration with the experts from KSMU, Kazakshtan & JAMK, Finland



RECOMMENDATIONS FOR NURSING RESEARCH AGENDA





Systematic review on current international research topics of nursing

(n=91 publications, CINAHL database, 2012-)

Review of international policy and strategy documents of nursing and midwifery

(n=17 international policy papers, 2012-)

DELPHI STUDY

Focus group interview research report (current situation of nursing research and future needs in Kazakhstan)

(n=58 Kazakh experts divided into 16 groups, 6 cities)

Analysis of Kazakh healthcare programs



A DELPHI STUDY PROCESS



PILOT PHASE

- Generation of candidate statements
- Pilot of 81 statements with 11 respondents

ROUND 1

- The importance of the 82 statements
- Rated by 65 respondents (out of 153)

ROUND 2

- Revision and reduction of the statements – 69 statements
- Rated by 55 respondents (out of 237)

ROUND 3

- Revision of the statements – 20 nursing research topics
- Rated by 48 respondents (out of 228)



Delphi study questionnaires

Round I

- 82 nursing research statements in 18 themes

Round II

- 69 nursing research statements in 17 themes

Statements were rated on 5-point Likert scale: **0 = not important at all – 5 = absolutely essential**

Round III

- 20 nursing research topics

Topics were rated on 3-point timeframe scale:

- 1 High priority;** needs to be done urgently within the next 24 months
- 2 Medium priority:** needs to be done within the next 2-4 years
- 3 Low priority;** needs to be done within the next 5-10 years



Themes in Round I

Themes in Round I	
1	Information and communication technologies (ICTs) and eHealth in nursing
2	Palliative nursing care
3	Older people nursing
4	Primary health care, health promotion and disease prevention from nursing point of view
5	Nursing practice
6	Clinical nursing
7	Diseases from nursing perspective
8	Specific fields from nursing point of view
9	Public health

... continue	
10	Occupational health in nursing*
11	Environmental health issues
12	Nursing theory and philosophy
13	Professional development of nurses
14	Methodology in nursing science
15	Healthcare system
16	Multidisciplinary and inter-professional collaboration
17	Nursing education
18	Nursing workforce

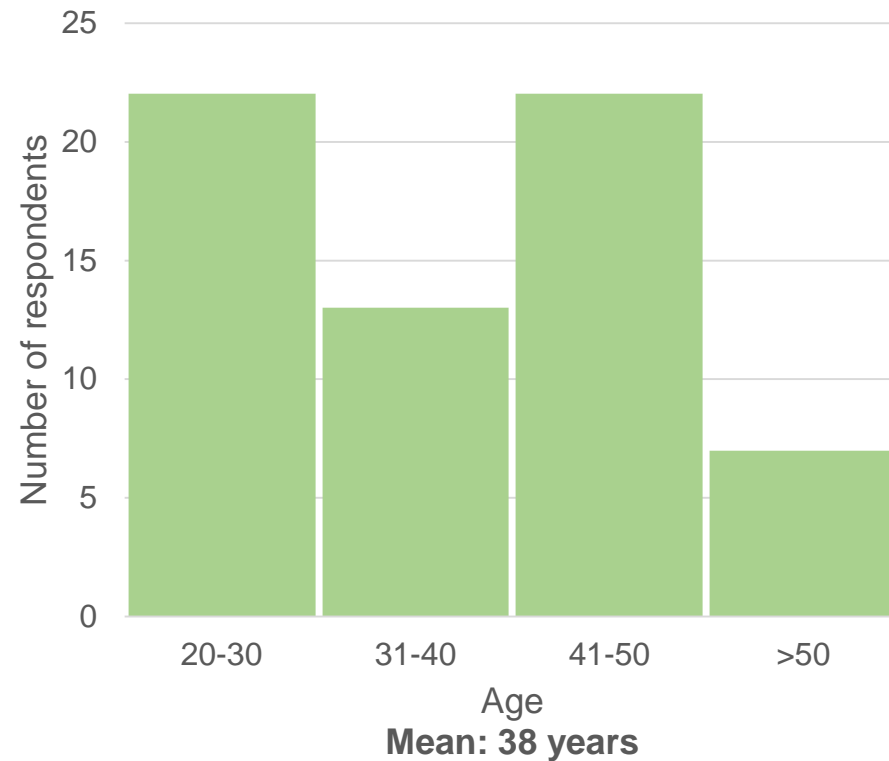
* Theme was removed after Round I



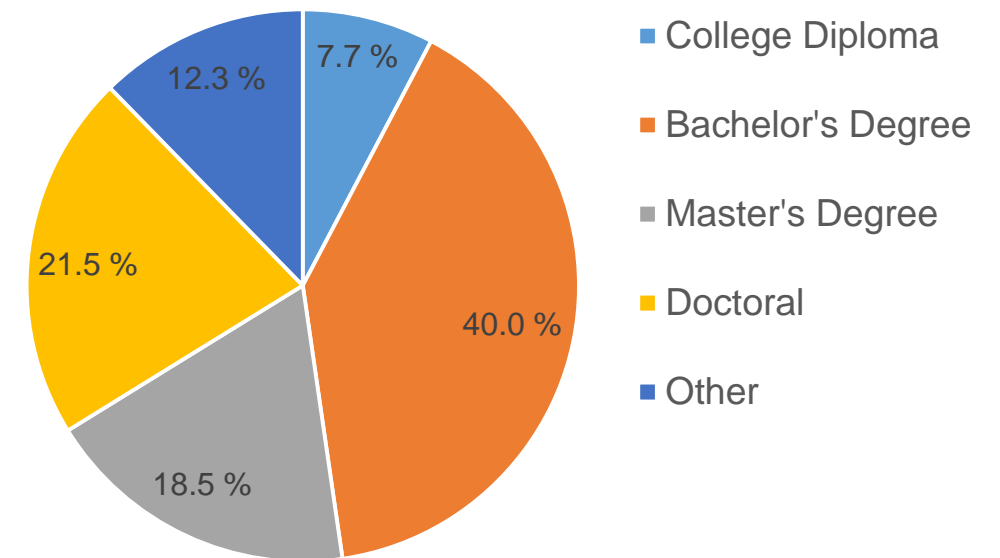
Delphi Round I – respondents, n=65

89 % Female, 11 % Male

Age of the respondents (n=64)



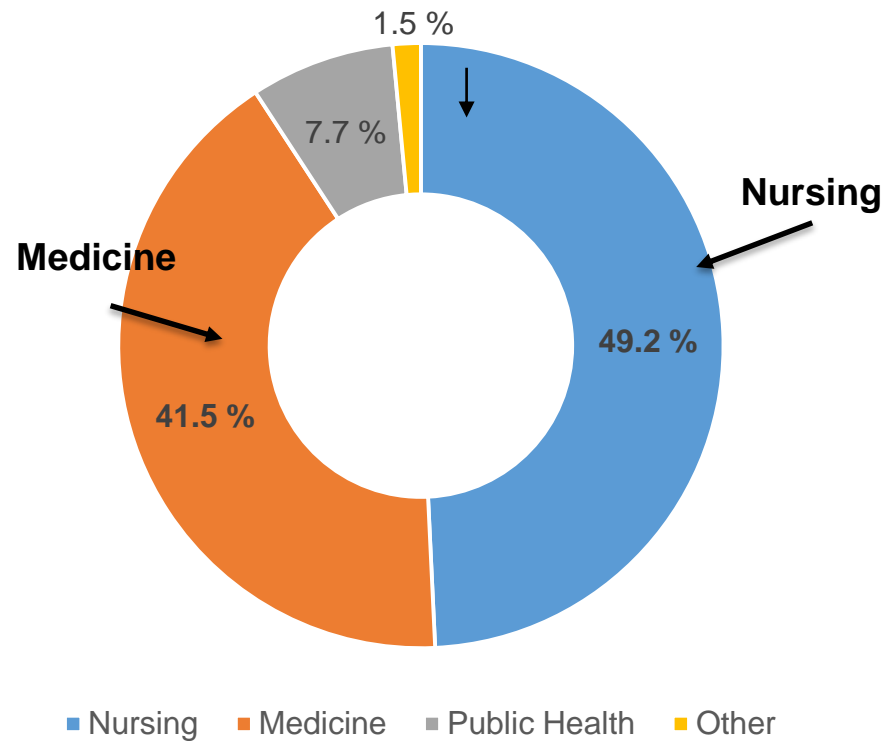
Level of Education



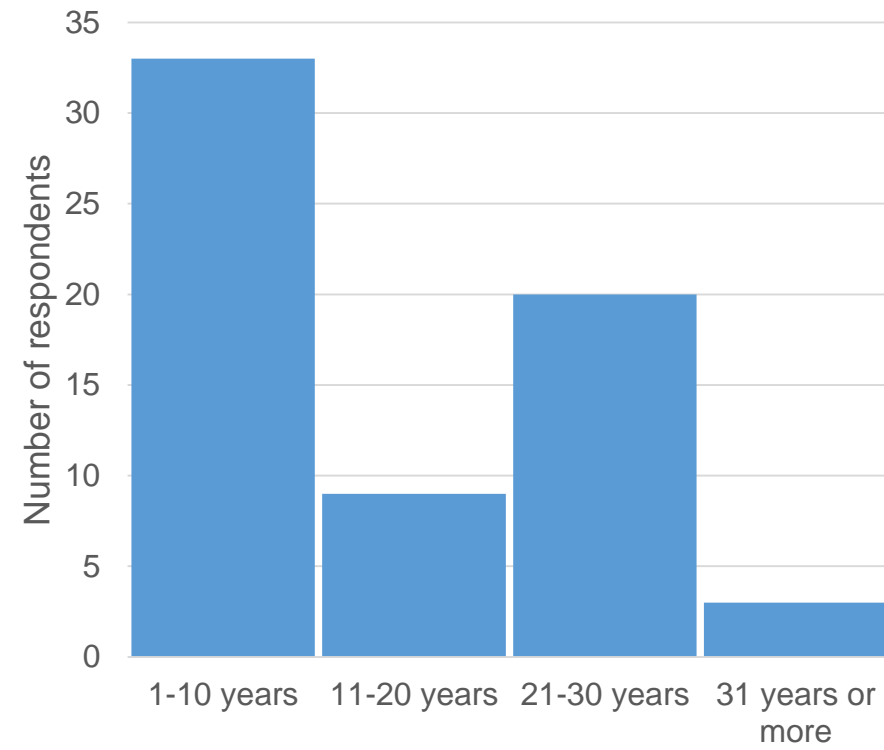


Delphi Round I – respondents, n=65

Field of Education



Work Experience in Years



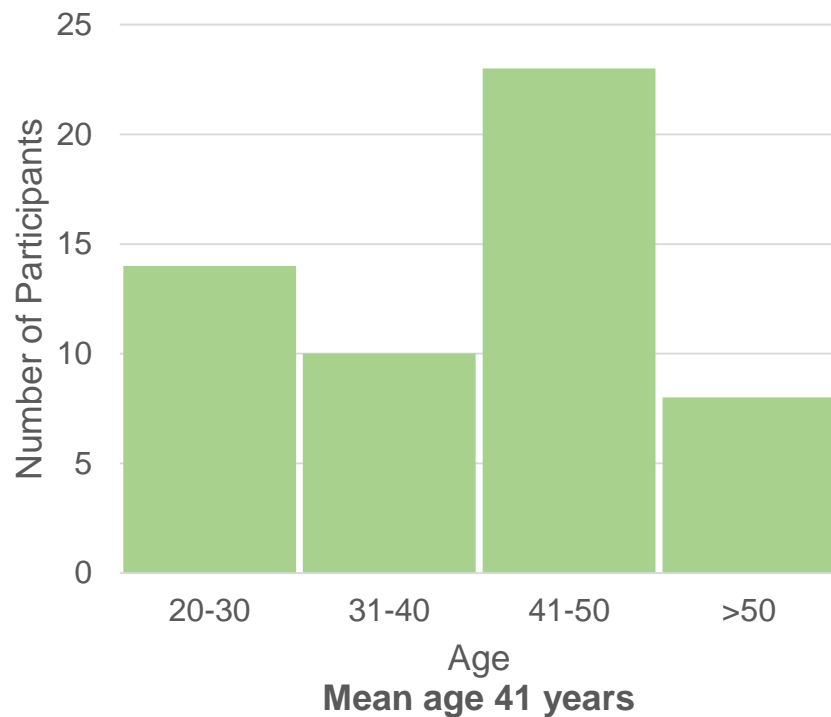
Work Experience
Mean: 15 years



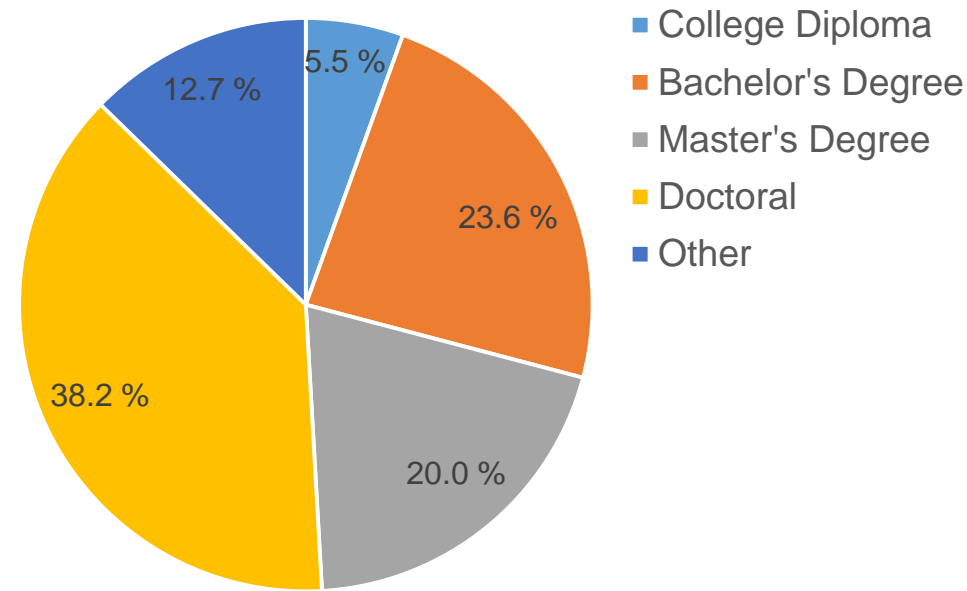
Delphi Round II – respondents, n=55

82 % Female, 18 % Male

Age of Participants



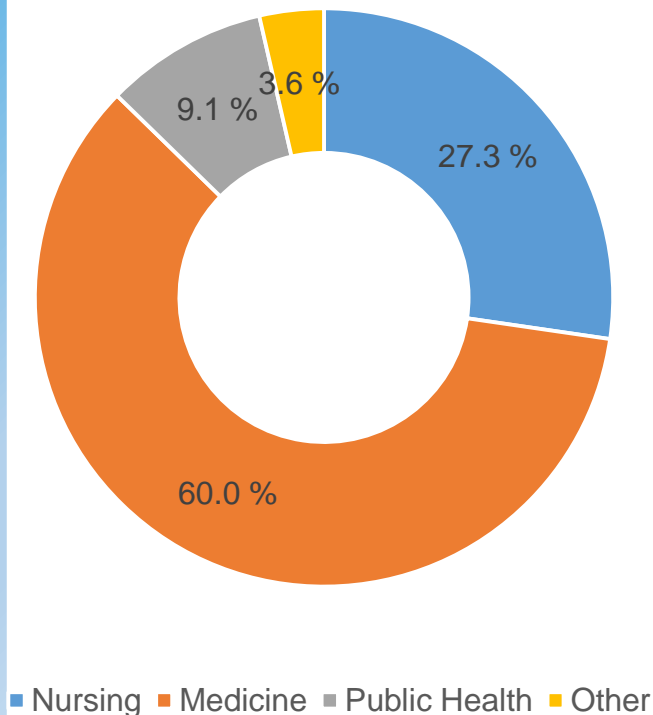
Level of Education



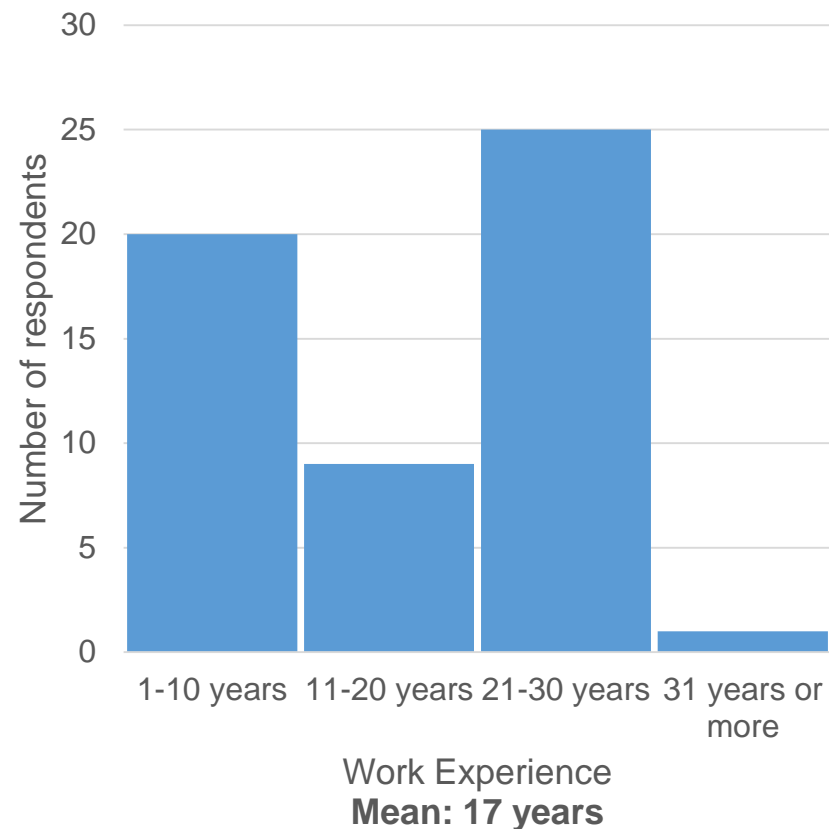


Delphi Round 2 – Participants, n=55

Field of Education



Work Experience in Years



Represented City/Region %

Almaty City	30,9
Nur-Sultan (Astana) City	18,2
East Kazakhstan	12,7
Karaganda Region	9,1
Kyzylorda Region	9,1
Aktobe Region	7,3
Turkistan Region	5,5
Akmola Region	1,8
North Kazakhstan Region	1,8
Shymkent City	1,8
West Kazakhstan Region	1,8



Round III Nursing research topics

Topics were rated with 3-point scale:

1 High priority; needs to be done urgently within the next 24 months

2 Medium priority: needs to be done within the next 2-4 years

3 Low priority; needs to be done within the next 5-10 years

Pediatric nursing

Oncology nursing

Palliative care nursing

Critical care nursing

Stroke and heart failure nursing care

Seriously ill patients and their quality of life

Pressure injury

Clinical nursing research

Rehabilitation in nursing

Information and communication technologies (ICTs) and eHealth in nursing

Health promotion and disease prevention

Patient education

Patient outcomes and outcomes of nursing intervention research

Quality improvement in nursing and healthcare processes

Strategies and models for nursing practice

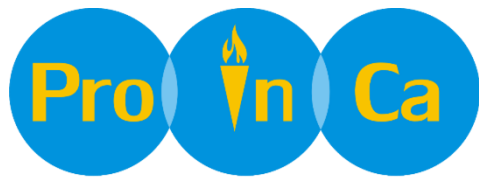
**Workplace safety in nursing and nurses' physical health
and psychological well-being**

Professional development of nurses

Nursing education

Multidisciplinary and inter-professional collaboration in nursing science research

Conducting experimental/intervention studies in nursing science

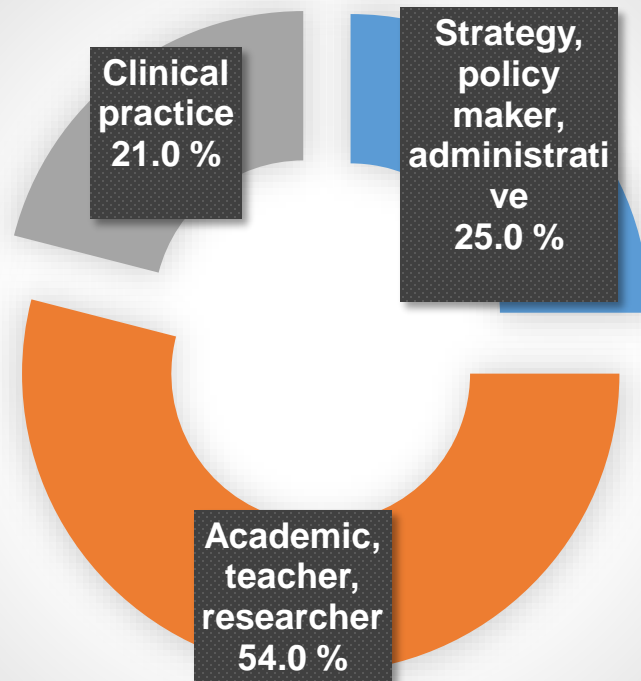


Promoting the Innovation Capacity of Higher Education in Nursing during Health Services
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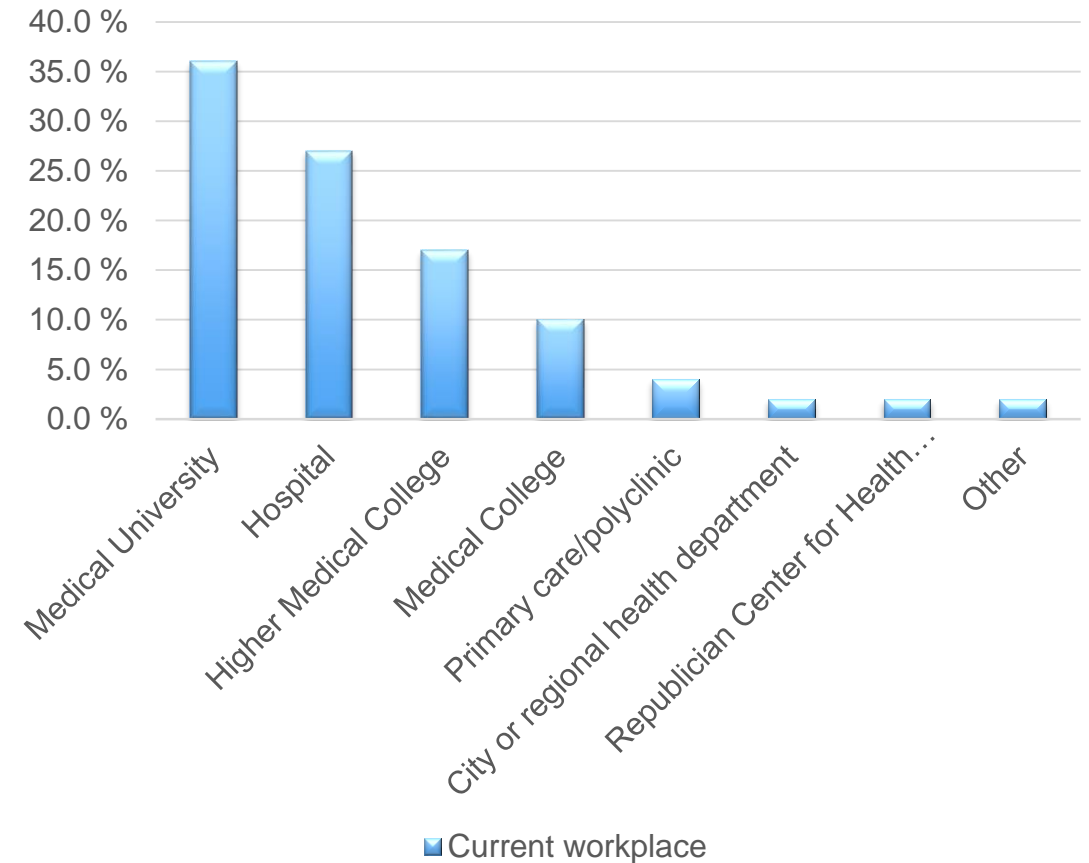


Delphi Round 3 – respondents , n=48

Representation of different groups



Current workplace

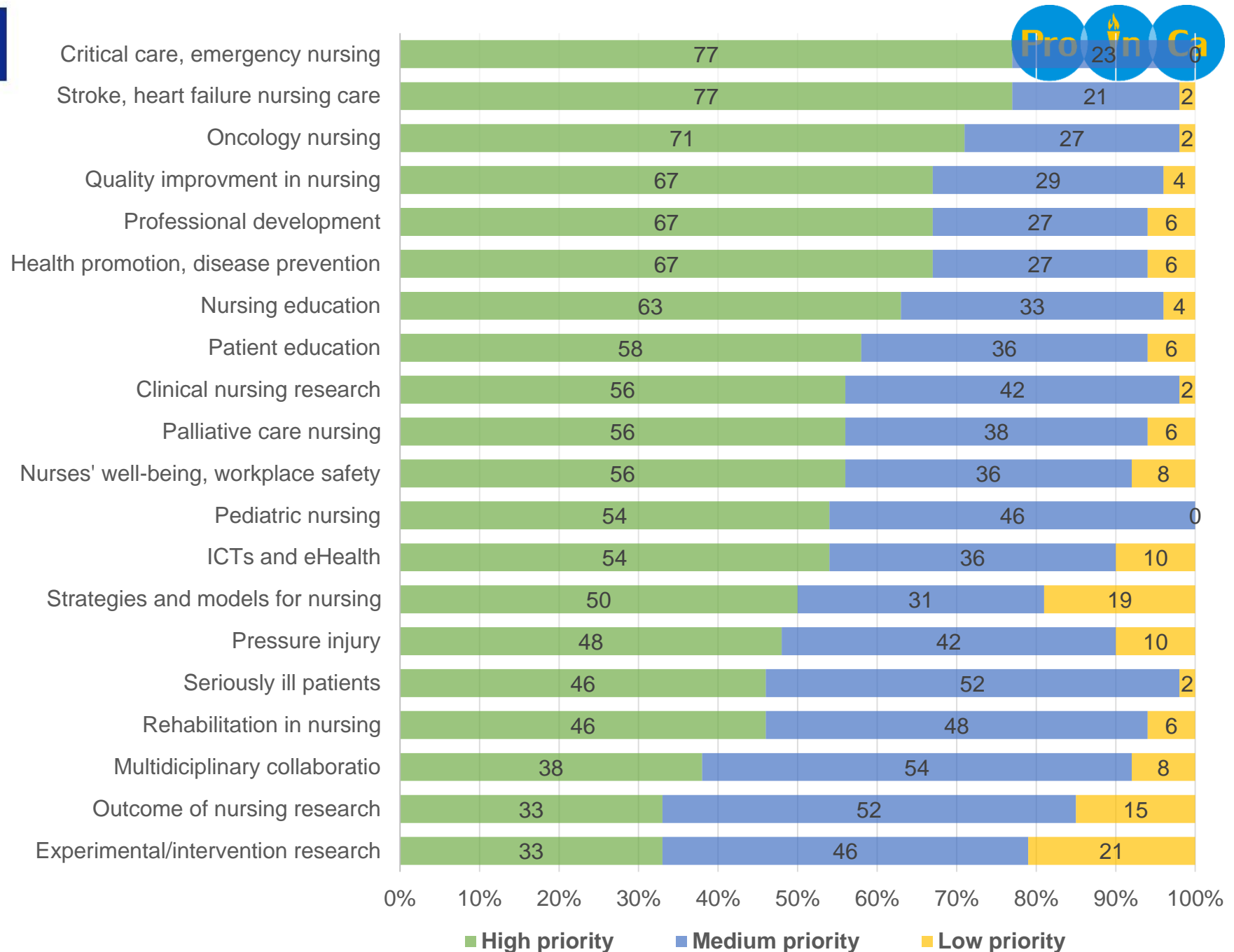




High priority nursing research topics in green color

Needs to be studied within the next two years

NURSING RESEARCH TOPICS





What should be studied in nursing research - rated by Kazakh experts in 2019

0-2 years

- 1 Critical care nursing, emergency nursing (77%)**
- 2 Stroke and heart failure nursing care (77%)**
- 3 Oncology nursing (71%)**

2-4 years

- 1 Multidisciplinary and inter-professional collaboration in nursing science research (54%)**
- 2 Seriously ill patients and their quality of life (52%)**
- 3 Patient outcomes and outcomes of nursing intervention research (52%)**

5-10 years

- 1 Conducting experimental/intervention research (46%)**
- 2 Strategies and models for nursing (19%)**
- 3 Patient outcomes and outcomes of nursing intervention research (15%)**



HIGH PRIORITY TOPICS	MEDIUM PRIORITY TOPICS	LOW PRIORITY TOPICS
1 Critical care nursing, emergency nursing (77%)	1 Multidisciplinary and inter-professional collaboration in nursing science research (54%)	1 Conducting experimental/intervention research (46%)
2 Stroke and heart failure nursing care (77%)	2 Seriously ill patients and their quality of life (52%)	2 Strategies and models for nursing (19%)
3 Oncology nursing (71%)	3 Patient outcomes and outcomes of nursing intervention research (52%)	3 Patient outcomes and outcomes of nursing intervention research (15%)
4 Quality improvement in nursing (67%)	4 Rehabilitation in nursing (48%)	4 Information and communication technologies (ICTs) and eHealth in nursing (10%)
5 Professional development (67%)	5 Pediatric nursing (46%)	5 Pressure injury (10%)
6 Health promotion, disease prevention (67%)	6 Conducting experimental/intervention studies in nursing science (46%)	
7 Patient education (63%)	7 Clinical nursing research (42%) Pressure injury (42%)	



Thank you for your attention

