



Developing a research focus in implementing continuous support during labour as best practice

Karin Minnie (PhD, RN, RM)

Hester Klopper (PhD, MBA, RN, RM, FANSA, FAAN)

Disclosure

- CS Minnie, Director, INSINQ Research Focus Area, North-West University, Potchefstroom, South Africa
- HC Klopper, CEO, FUNDISA & Extraordinary Professor, INSINQ Research Focus Area
- No conflict of interest



Outline

- Background
- Plume: Creating a Research Intensive Academic Department
- Example of development of one researcher's programme



Background

Lack of focussed research agenda in Schools of Nursing

Pressure to increase PhD numbers

Nurse researchers experience stumbling blocks to do focussed research

- Supervision of postgraduate students from a variety of nursing disciplines
- Lack of resources – financial and human
- Limited support for established researchers



PLUME: Creating a research intensive academic nursing department

- Forum for University Nursing Deans in South Africa (FUNDISA) with support of the South African National Research Foundation (NRF)
- PLUME programme established as intervention
- Purpose: to build research capacity in nursing schools/ departments through development of identified lead researchers



PLUME modules

1. Establishing a platform for the growth of a research programme

2. Developing self-efficiency in lead researchers

3. Developing a research programme

4. Evaluate available resources

5. Develop proposal for external funding



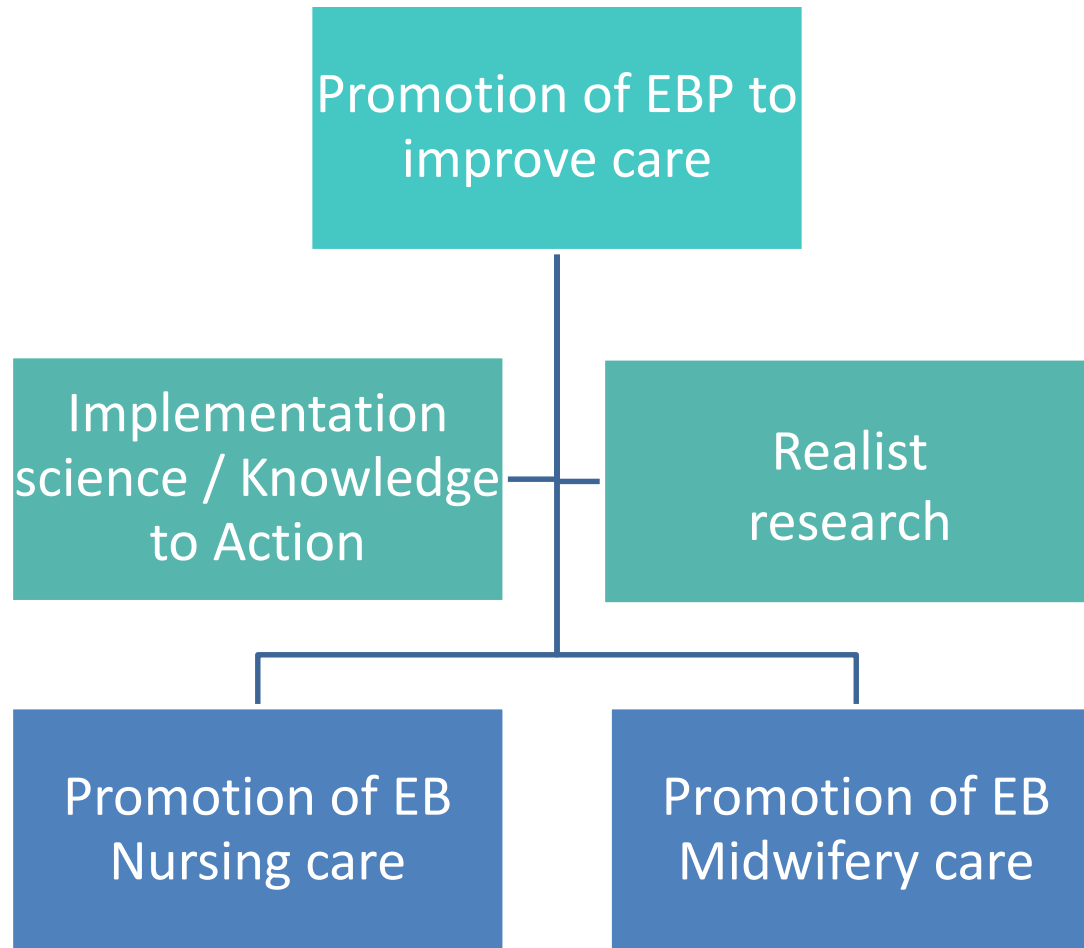
Example of development of one researcher's programme

- Research programme 'Knowledge to action strategy to facilitate continuous support during childbirth'
- Continuous support during labour is an example of a best practice for which the evidence is clear but which is still not universally implemented
- A research programme was developed where different aspects of the programme could build on each other and in which a number of students can contribute

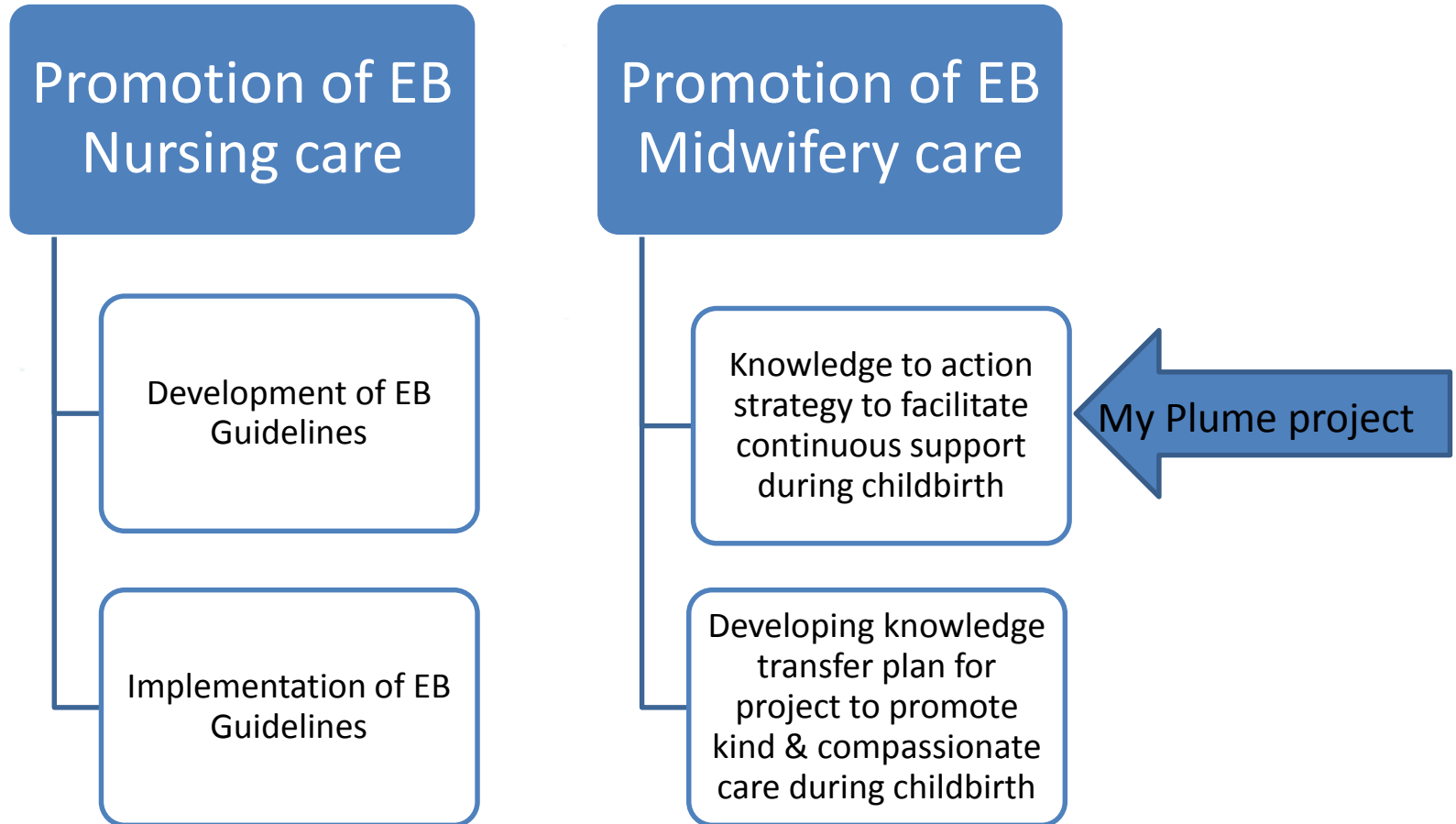




Long term projects

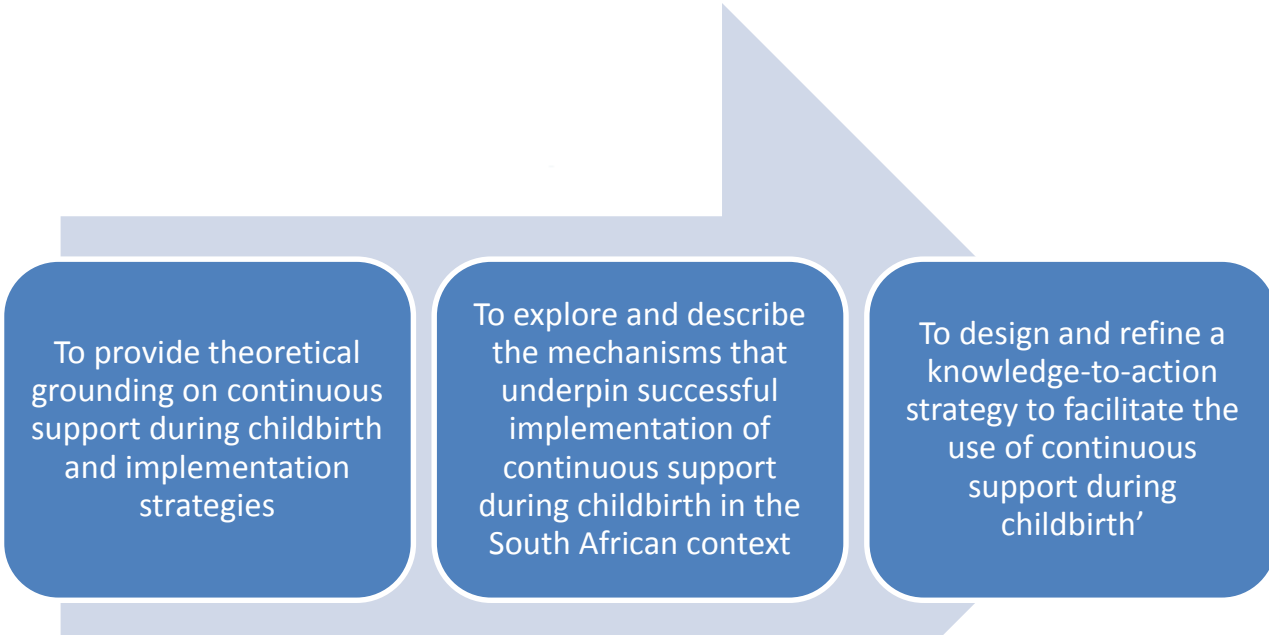


Short term projects (3-5 yrs.)



My Plume project

Knowledge to action strategy to facilitate continuous support during childbirth



To provide theoretical grounding on continuous support during childbirth and implementation strategies

To explore and describe the mechanisms that underpin successful implementation of continuous support during childbirth in the South African context

To design and refine a knowledge-to-action strategy to facilitate the use of continuous support during childbirth'



PLUME Proposal 1:‘

What mechanisms underpin a successful knowledge-to-action strategy to increase the use of continuous support during childbirth?

Objective	Research methods
1. To explore evaluation tools that can be used in the study to explore knowledge of, attitudes about and current practices regarding continuous support during childbirth	Integrative literature review
2. To provide theoretical grounding on continuous support during childbirth and implementation strategies	<ol style="list-style-type: none"> 1. Realist–review: Evidence regarding the underlying mechanisms of implementation interventions in this area and the context in which they work/don’t work 2. Meta-synthesis of mother's views of continuous support during childbirth 3. Exploring the role of the midwife in facilitating continuous support during childbirth
3. To explore and describe the mechanisms that underpin successful implementation of continuous support during childbirth in the South African context	<p>Network sampling: maternity units where continuous support is well implemented and units where it is not implemented</p> <ol style="list-style-type: none"> 1. Focus groups re barriers and facilitators influencing implementation of continuous support during childbirth 2. KAP – survey: Knowledge, attitudes & practices 2. Structured non-participant observation regarding extent to which continuous support is implemented and issues of power and control <p>New mothers using services of selected maternity units Self-report – narratives, vignettes, individual interviews re needs, expectations, experiences re continuous support during childbirth</p>
4. To design and refine a knowledge-to-action strategy to facilitate the use of continuous support during childbirth’	<p>Action research: workshops, focus groups, reflection for validation of the intervention protocol</p> <p>Feasibility study</p>
Follow-up study 5. To evaluate the effectiveness of the designed implementation intervention	Possibly a Stepped wedged cluster RCT, using appreciative enquiry and action research within each cluster as it is randomized into the study



Plume Proposal 2:

What are the characteristics of kindness and compassion from the viewpoint of new mothers and midwives as well as best evidence from literature?

Objective	Research methods
1. to explore and describe characteristics of kind and compassionate care according to new mothers	Network sampling, starting with Facebook groups for new mothers Link to website –online interviews & survey (Babies Born Better)
2. to explore and describe characteristics of kind and compassionate care according to midwives	Network sampling, starting with Facebook groups for midwives Narrative of critical incidents of kind and compassionate care and facilitating factors
3. to describe best available evidence of characteristics of kind and compassionate care according to literature;	Integrative literature review with systematic searching, critical appraisal and data-synthesis Data-extraction & synthesis
4. to explore and describe available tools to measure kindness and compassion;	Integrative literature review with systematic searching, critical appraisal and data-synthesis Data-extraction, synthesis and evaluation according to characteristics.
5. to explore and describe kind and compassionate practices during childbirth in maternity units through audit;	Network/purposive sampling of 4 facilities identified through online survey for mothers: Public midwife led, private midwife led, public hospital, private hospital Audit with tool identified in objective 4 e.g. International Motherbaby childbirth initiative tool
6. to formulate a context specific framework to promote kindness and compassion during childbirth.	Data extraction from findings, analysis, synthesise, formulate concluding statement. Design of context specific framework

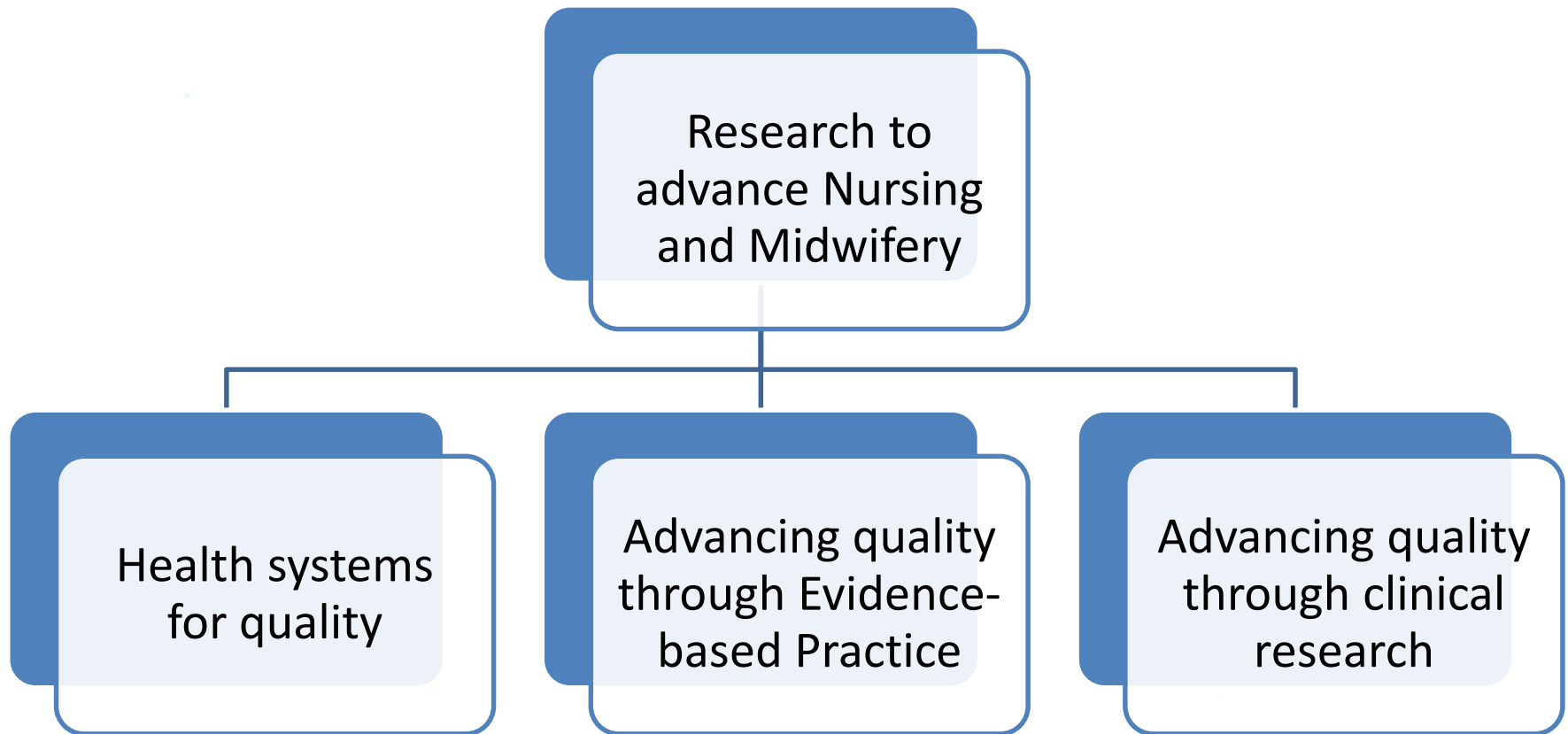


Effect of PLUME program

- The specific research programme has the potential to make a difference in practice and improve the quality of care women receive during childbirth
- The impact of the PLUME program to develop a focussed research programme enabled the researcher to assist other researchers in the nursing school to develop or adjust their own research programmes to be more focussed



Research programmes (2013-2014)



Research programmes

SANOPSYS

South African Nurse, Organisation, Patient and SYStem Outcomes



PROBAR

Project Based Amalgamated Research



SANOPSYS

South African Nurse, Organisation, Patient and SYStem Outcomes



PRObar

Project Based Amalgamated Research



- With the help of programmes like PLUME, we are moving to more focussed research





Thank you

Karin.Minnie@nwu.ac.za
and
klopperhc@gmail.com