

Forskning i Perioperativ sygepleje – et norsk-dansk forskningsprojekt inden for Fundamentals of Care

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Arbejdsgruppe -

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- Leder – Lisbeth Uhrenfeldt, Professor, Nord Universitet, Bodø
- Kari Ingstad, Professor, Nord Universitet, Levanger
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- Mona K. Pedersen, Seniorforsker, Regionshospitalet Nordjylland, Hjørring
- Susanne F. Søndergaard, Forskningssygeplejerske

Forskningsprogram om Specialiseret perioperative sygepleje

- Titel: Specialized healthcare: users and providers perspective.
- The program was primarily developed to raise awareness of user participation in research and to meet the need for evidence-based teaching in specialist nurse education.
- The overall study intends to contribute to knowledge of fundamental care needs in non-university hospitals.
- Participatory Action Research approach

Kilde: Urenfeldt L, Et al 2021

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Teoretiske perspektiver

- Evidens - Evident
- Brugerinddragelse
- FoC - framework
- Look – Think – Act framework

- Kilde: Urenfeldt L, Et al 2021

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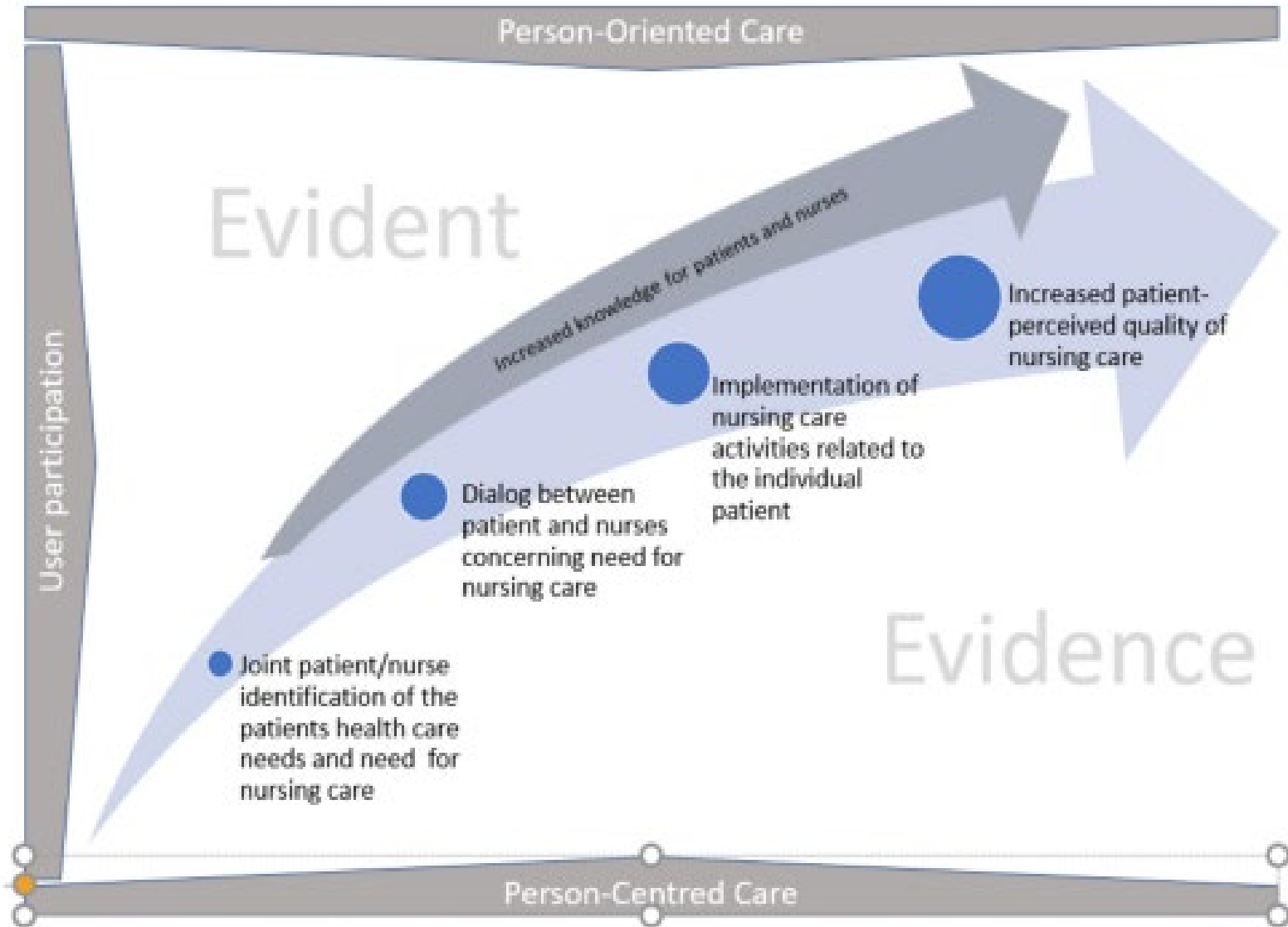


Figure 3. The user participation influence the HCPs person-oriented and person-centred care.

Look – Think – Act tilgang

- Look
 - Fælles forståelse af nuværende niveau, personaleviden, patientviden, etc
 - Prioritering af områder
- Think
 - Litteratursøgning, omsætte forskningsresultater, udarbejde vision, etc
- Act
 - Planlægge handling i praksis, afsnits vis

Averill, 2005, Pedersen PU, 2012, Uhrenfeldt L, Et al 2021

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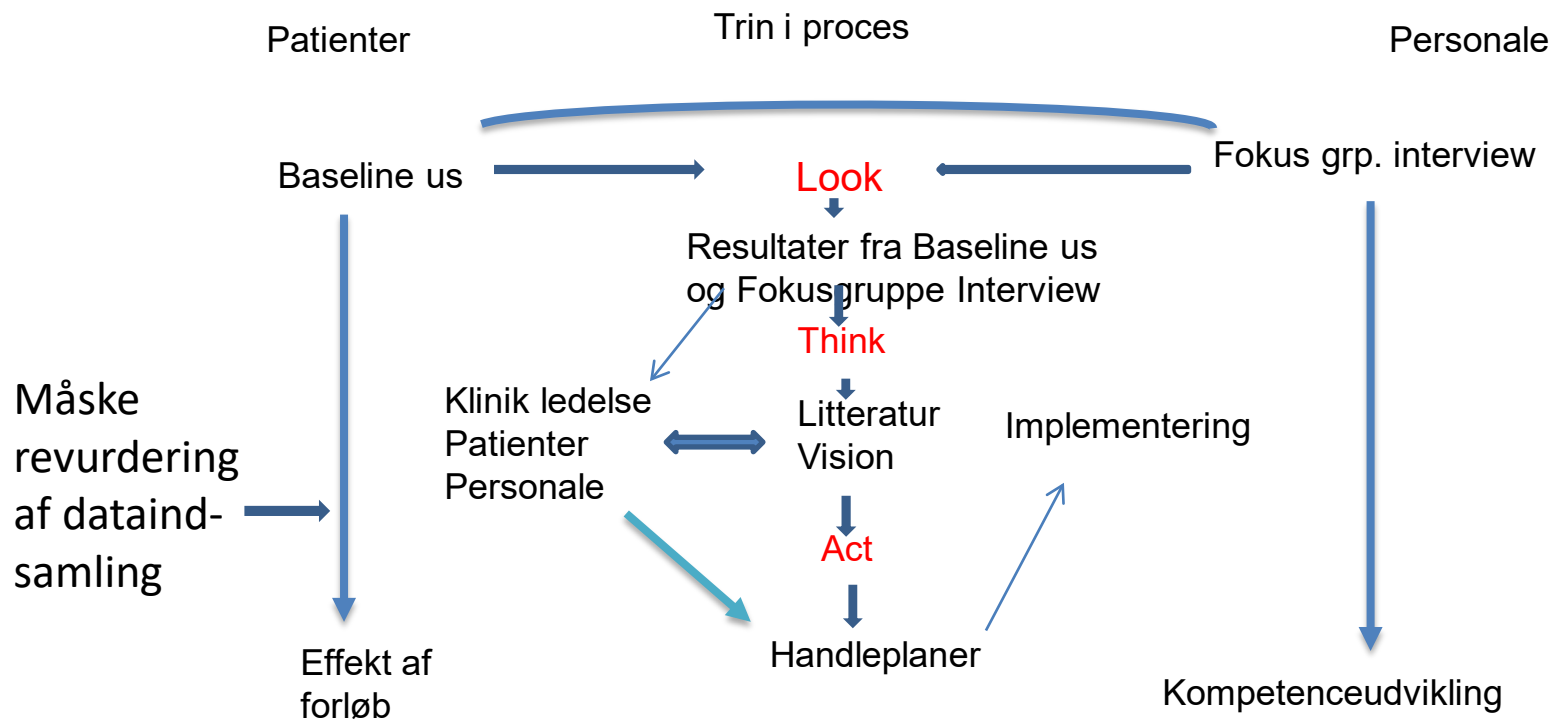
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Sammenhæng mellem dataindsamling, udviklingsproces og effektevaluering



Baseline US – udfordring - identificere fundamental perioperative sygepleje

"If you cannot name it, you cannot control it, finance it, research it, teach it, or put it into public policy."

Norma Lang, PhD, RN, FAAN, FRCN (1990)

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Udvikling af instrument til beskrivelse af udvalgte elementer af perioperative sygepleje

- FoC – leverede domæner og subdomæner
- QPP (Quality from the Patients Perspective) leverede nogle spørgsmål – vurderer på to dimensioner
 - Subjective Importance (SI)
 - Percieved Reality (PR)
- Selv-udviklede spørgsmål

Blev til:

- Peri-Operative User Participation questionnaire (PUOP)

- Kilde: Pedersen PU, Et al 2022 (submitted)

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Udarbejdelse og Validering af POUR

Steps	Stepwise validation plan	
1	Developing/selecting questions for POUP	
	<i>A. Questions selected from QPP</i>	<i>B. Questions self-constructed</i>
2	Translation	
	<i>A. Danish to Norwegian</i>	<i>B. Norwegian to Danish</i>
3	Face validation	
	<i>A. Patients (n=7)</i>	<i>Expert nurses (n=8)</i>
4	Content validation	
	<i>A. Patients (n=68)</i>	<i>B. Expert nurses (n=8)</i>
5	Adjusting questionnaire	
	<i>A. Norwegian patients (n=27)</i>	<i>B. Danish patients (n=41)</i>
6	Formal evaluation	

Content of POUP domains and sub-domains being measured, and source of items.

Psychometric scales from FoC Domains and their sub-domains	FoC sub-domains being measured with-in each domain	Items from QPP (ref)	Items - self-developed	Total number of items in each scale
Psychosocial Keeping you: Calm Coping Hopeful Respected Involved Informed Dignified	Respected Involved Informed Dignified	2 5 1	1 1 2 3	15

Content of POUP domains and sub-domains being measured, and source of items.

Psychometric scales from FoC Domains and their sub-domains	FoC sub-domains being measured with-in each domain	Items from QPP (ref)	Items - self-developed	Total number of items in each scale
Relational Being:				13
Empathic	Empathic	3	2	
Respectful	Respectful	3		
Compassionate	Compassionate	2		
Consistent	Consistent	1		
Ensuring				
Goals are set	Goals are set		2	
Continuity				

Content of POUP domains and sub-domains being measured, and source of items.

Psychometric scales from FoC Domains and their sub-domains	FoC sub-domains being measured with-in each domain	Items from QPP (ref)	Items - self-developed	Total number of items in each scale
Physical				24
Keeping you Safe				
Clean	Personal hygiene	1	1	
Warm	Warm		6	
Fed	Fed		2	
Hydrated	Hydrated		2	
Mobile	Elimination		2	
Rested	Rested		2	
Dressed				
Comfortable	Comfortable			
	- freezing/sweating		3	
	- comfortable bed		2	
	-Pain management		2	
	-Breathing easily		1	

Content of POUP domains and sub-domains being measured, and source of items.

Psychometric scales from FoC Domains and their sub-domains	FoC sub-domains being measured with-in each domain	Items from QPP (ref)	Items - self-developed	Total number of items in each scale
System level				10
Resources	Resources	3		
Leadership	Leadership	3		
Evaluation and feed back				
Culture	Culture	4		
Total items		28	34	62

Face Validering

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Face Validering af POUP

Patienters face validering:

Spørgeskemaet var:

Enkelt at udfylde

Ingen spørgsmål var tvetydige/dårligt formulerede

De to dimensioner var til at skelne, når der skulle svares

Ingen spørgsmål manglede

Sundhedsprofessionelle

Forslag til enkelte ændringer i formulering

Ingen nye områder

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Content Validating af POUP

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Content Validering af POUP

Summarized content validity scores from experts.

<i>Domains</i>	<i>Mean scores</i>	<i>Minimum – Maximum scores</i>
Psychosocial	4.65	3.50 – 5.00
Relational	4.62	3.50 – 5.00
Physical	4.58	3.87 – 5.00
System level	4.71	3.87 – 5.00

Antal spørgsmål patienter angav som ikke relevante

Psychosocial:

Questions PR mean %	9.7
(Min-Max)	(0-20.6)
Questions SI mean %	9.5
(Min-Max)	(0-17.6)

Relational:

Questions PR mean %	10.6
(Min-Max)	(0-26.0)
Questions SI mean %	7.9
(Min-Max)	7.3-20.5

Physical:

Questions PR mean %	18.2
(Min-Max)	(5.9-41.2)
Questions SI mean %	20.7
(Min-Max)	(7.4-42.6)

System level:

Questions PR mean %	17.1
(Min-Max)	(4.4-35.3)
Questions SI mean %	7.1
(Min-Max)	(8.8-36.7)

Reliability

Steps	Stepwise validation plan	
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Internal Consistency (Reliability) α -scores

Psychosocial: CI 95%

PR-items .82 .75-.87

SI-Items .83 .76-.88

Relational:

PR-items .80 .72-.86

SI-items .82 .71-.87

Physical Level: CI 95%

PR-items .84 .78-.89

SI-Items .92 .82-.98

System level

PR-items .78 .70-.85

SI Items .58 .41-.71

Hvad har vi så nu.....

- 1 Der er udviklet et spørgeskema med fire skalaer – svarende til FoC – med udvalgte subdomæner – med måling på to dimensioner
- 2 Spørgsmålne er valideret på spørgsmåls niveau og på skalaniveau
- 3 Patienter vurderer spørgsmålene som relevante

Hvad kan det så bruges til.....

At udvikle en ny variabel, der vurderer overensstemmelsen mellem patienternes opfattelse af subjektiv vigtighed (SI) og erfaret virkelighed af plejen (PR).....er det ny?

Overensstemmelse af mellem SI og PR

		SI Scores	
		Høj	Lav
PR scores Høj	Høj	++	-+
	Lav	+ -	--

Referencer

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Tak for opmærksomheden

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