

Evaluating the impact of implementation of Evidence-based Practice in physiotherapy clinical education

Bente Frisk

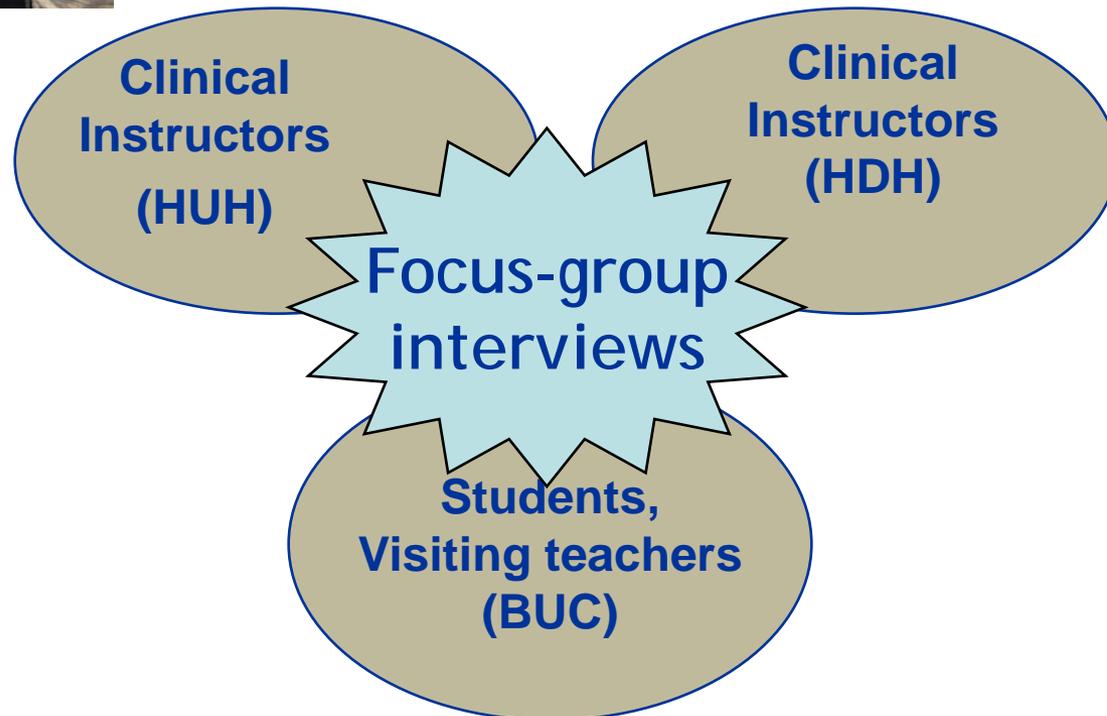
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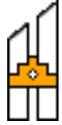
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Background



The project group: *Nina Rydland Olsen, Hildegunn Lygren, Mildred Haugland, Torunn Urnes Meyer, Bente Frisk, Bård Bogen and Peter Bradley.*





Aims

- To evaluate the impact of an Evidence-based Practice (EBP) educational program on EBP knowledge, skills, attitudes and behaviour among clinical instructors (CIs).
- To assess EBP knowledge, skills, attitudes and behaviour among physiotherapy (PT) students in clinical placement.



Methods

29 CIs
supervising 3rd years
bachelor PT students



Two-groups pre- and posttest design

Intervention group
14 CIs from hospitals
in Bergen

22 PT students

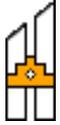
Control group
15 CIs from hospitals
outside Bergen

22 PT students



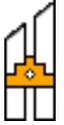
Participants characteristics

	CIs Intervention group (n=14)	CIs Control group (n=15)	PT students (n=44)
Mean age (yrs) (range)	40.5 (26-55)	39.2 (26-61)	24.7 (21-43)
Sex (f) (m)	12 2	14 1	33 11
Experience (yrs) (range)	13.6 (2-28)	12.5 (2-32)	



Intervention

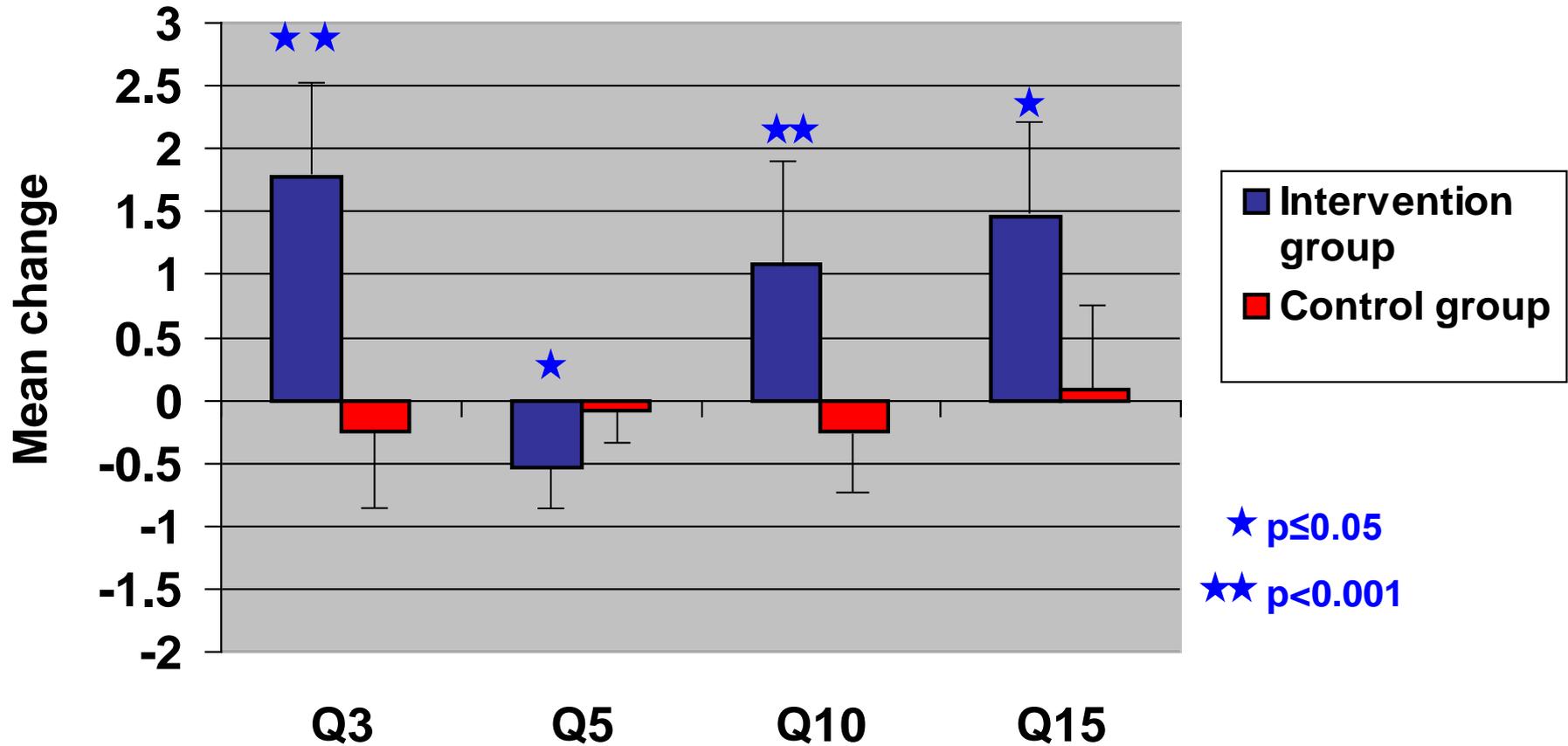
- 7-month EBP educational program;
 - Four half-day sessions focusing on the steps of EBP and how to supervise students in EBP
 - Supervision and written feedback on five assignments
- Oral examination
- 6 ECTS

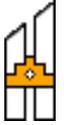


Outcome measures

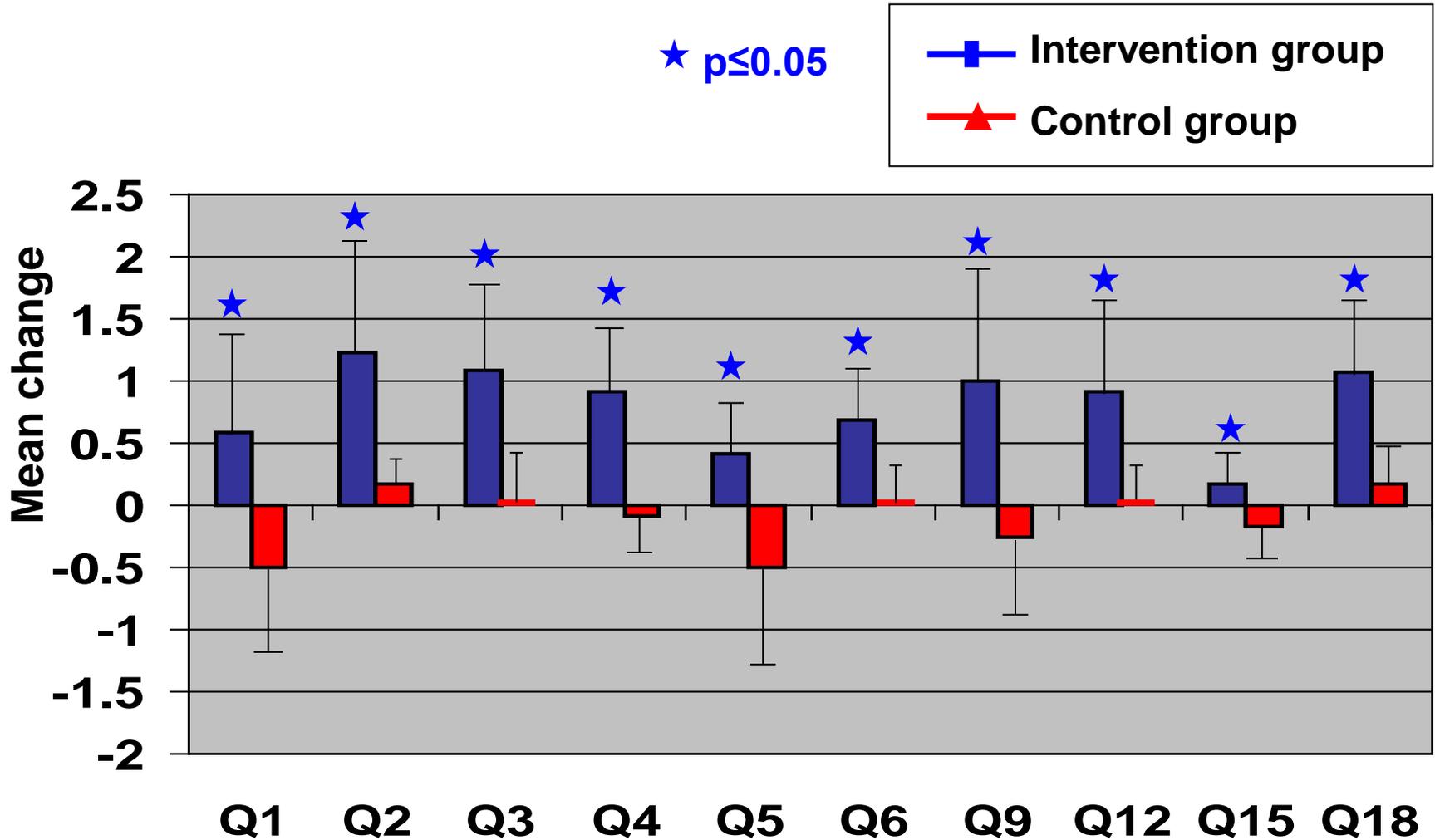
- Questionnaires
 - Beliefs Scale (Melnik et al. 2008)
 - Implementation Scale (Melnik et al. 2008)
 - The Adapted Fresno Test (McCluskey & Lovarini 2005, McCluskey & Bishop 2009)
- Process evaluation
 - Questionnaire assessing general satisfaction

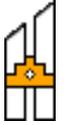
Results Beliefs Scale



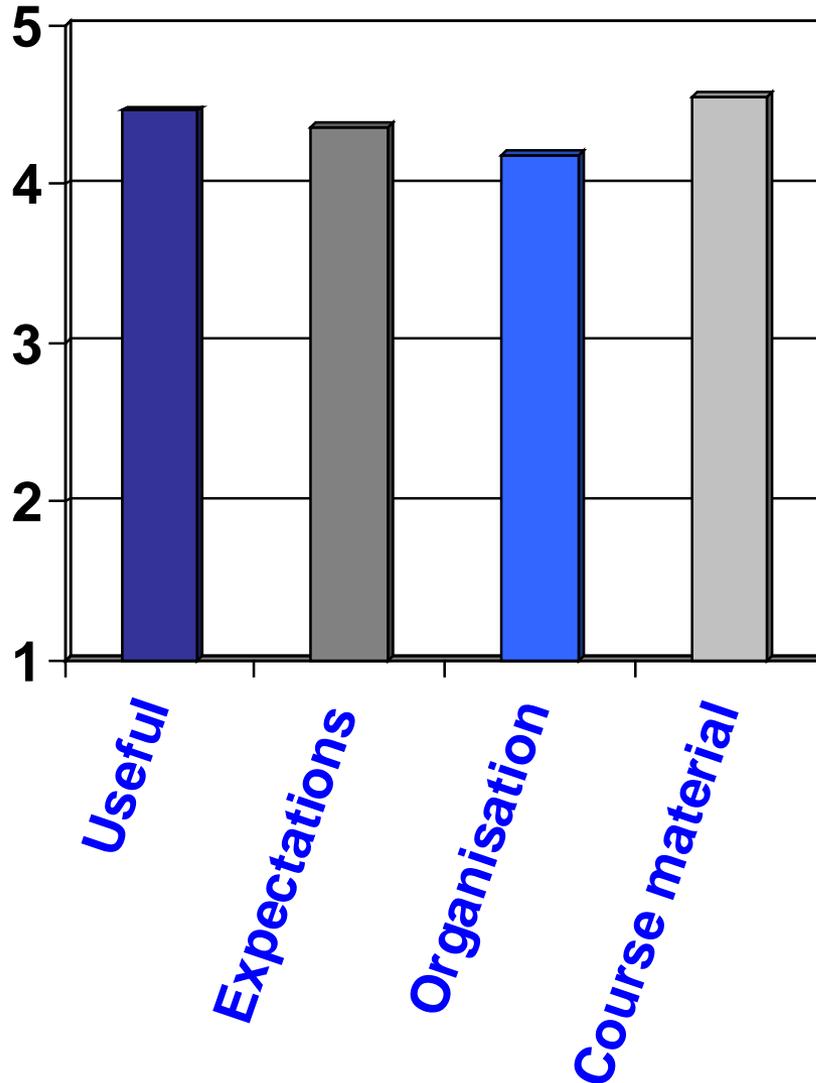


Results Implementation Scale

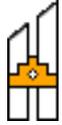




Results general satisfaction



Scores: 1-5
1= Poor
5= Very good



Limitations

- Design
- Sample size

Conclusion

- The impact of an EBP-educational program seems to have some positive effects on attitudes and behaviour regarding EBP among clinical instructors.

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Thankyou!

