

Martini Hospital Groningen

# The learning curve of bachelor nurses in a four day Evidence Based Practice course

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# Introduction

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- No conflict of interests -



# Background

> Nurse Educ Today. 2018 Apr;63:6-11. doi: 10.1016/j.nedt.2018.01.008. Epub 2018 Feb 6.

## The effect of a multifaceted evidence-based practice programme for nurses on knowledge, skills, attitudes, and perceived barriers: A cohort study

Wieke E van der Goot <sup>1</sup>, Joost C Keers <sup>2</sup>, Ruud Kuipers <sup>3</sup>, Roos M B Nieweg <sup>4</sup>, Martijn de Groot <sup>5</sup>



# Aim

- Aim of this study was to assess the effects of the introduction of an 4-days educational program on EBP in a Dutch General Hospital on knowledge, skills, attitudes and perceived barriers of BSc.

# Methods



March 2019-October 2020



Multiple cohort



Pre-post test design using  
DMF, McColl and Barrier  
scale



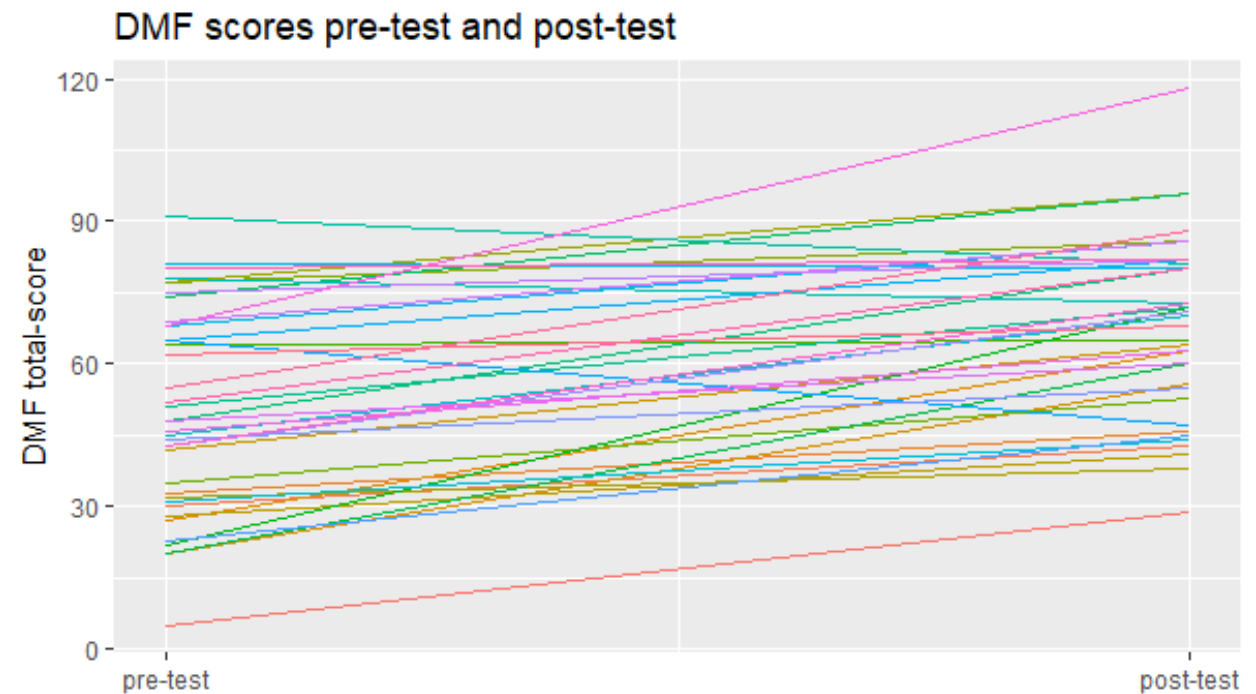
Knowledge and skills



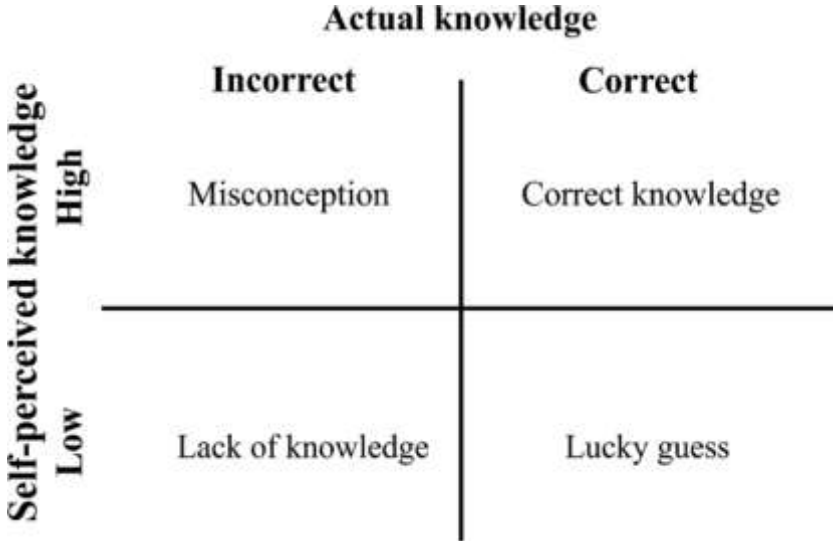
# Results

Table 1: Demographic data of the participants	
Variable	N (%)
<b>Sex</b>	
- Male	3 (8%)
- Female	35 (92%)
<b>Age (year), mean ± SD</b>	30.87 ± 8.28
<b>Working experience in health care (year), mean ± SD</b>	8.21 ± 7.53
<b>Previous EBP education</b>	
- Yes	6
- No	32

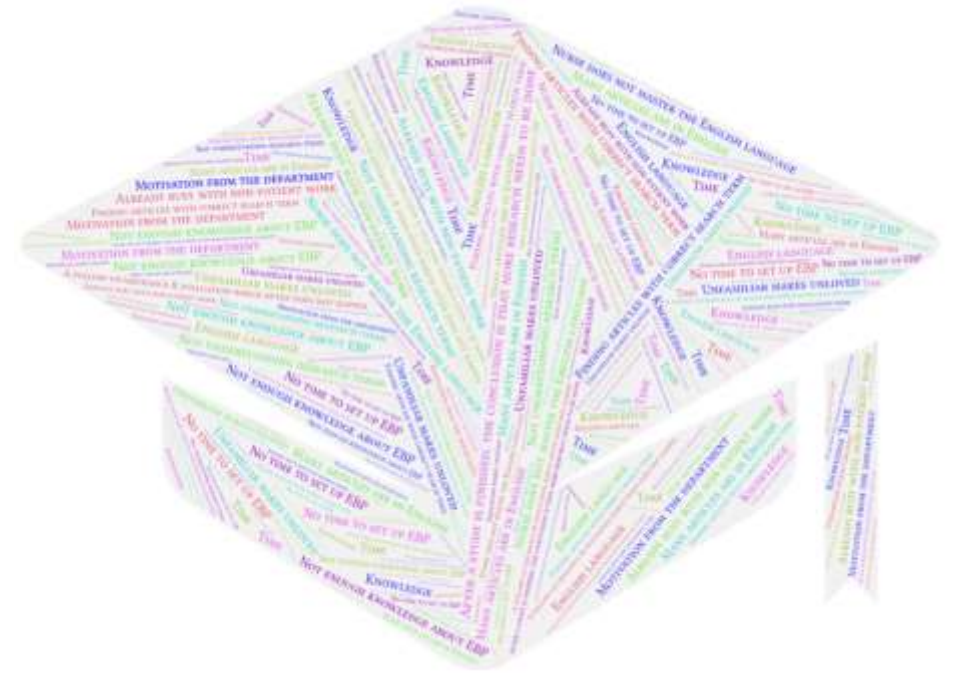
An increased DMF score was shown at the follow up for 34 participants. The Mean baseline DMF score was 50.44 (SD=21.44) and increased significantly to a score of 68.26 (SD=18.94) ( $p=.00026$ , CI=-27.06- -8.57).



# Results



# Results





# Limits



- Covid-19



- BN had different backgrounds on EBP



- The course had mandatory attendance

# Conclusions and Recommendations



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