



Health professionals' perceptions of Evidence- based Practice

Daniela Mosci

Paolo Chiari

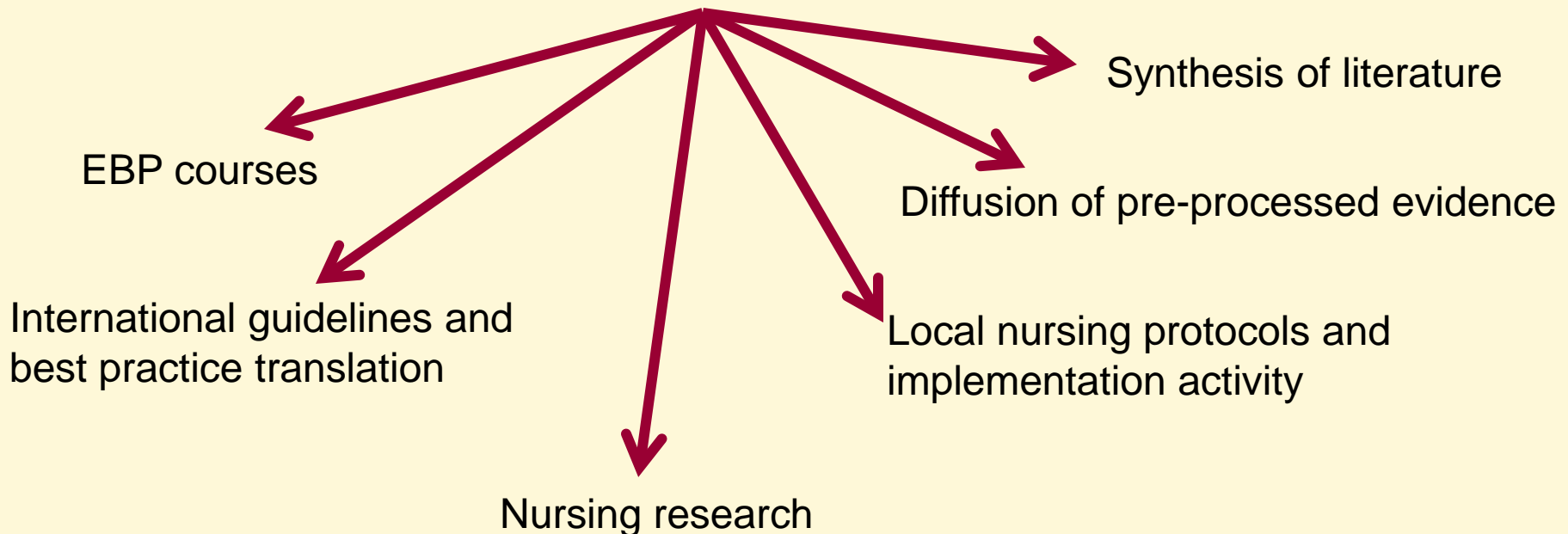
Centro Studi EBN

Azienda Ospedaliero Universitaria di Bologna

Policlinico S. Orsola Malpighi

Background

- Centro Studi EBN:
 - first institutional infrastructure for the diffusion and Implementation of EBP in Italy.



Aims of the study

- To validate **EBPQ** Italian version measuring its psychometric properties.
- To investigate Health Professionals' perceptions, attitudes and knowledge/skills associated with EBP, measured through the **EBPQ** (Upton & Upton 2006).

Methods

- Descriptive, cross-sectional survey
- Self-reporting questionnaires, including:
 - Perception of EBP method application
 - Attitude towards EBP
 - Perception of skills and knowledge related to EBP method
 - Demographic data
 - Comments

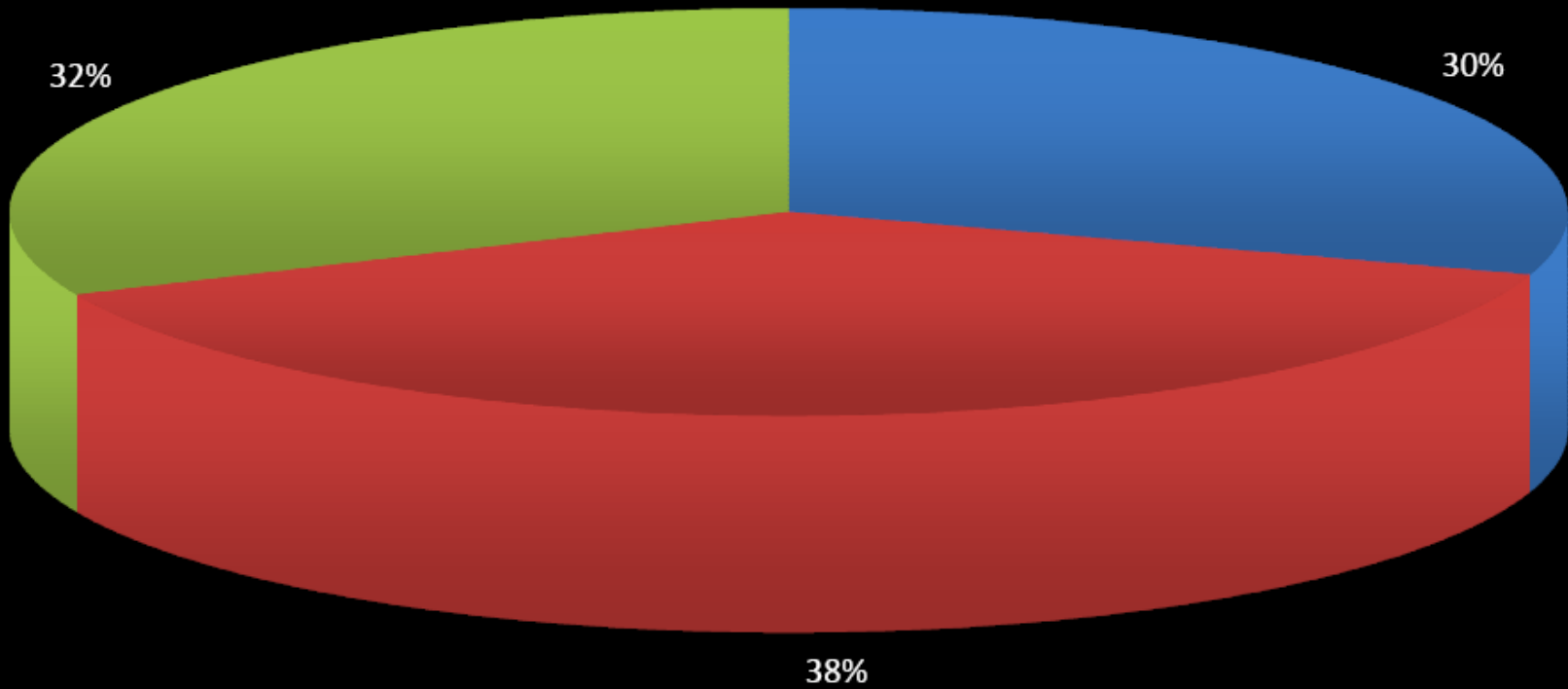
Cross-cultural adaptation of EBPOQ

- Permission to use EBPOQ from authors
- 3 independent translations
- Reconciliation into a single forward translation
- Back translation
- Comparison of back translation with original version
- Testing of final translation (18 health professionals)

Respondants




Length of service

0-10 years 11-20 years >21 years



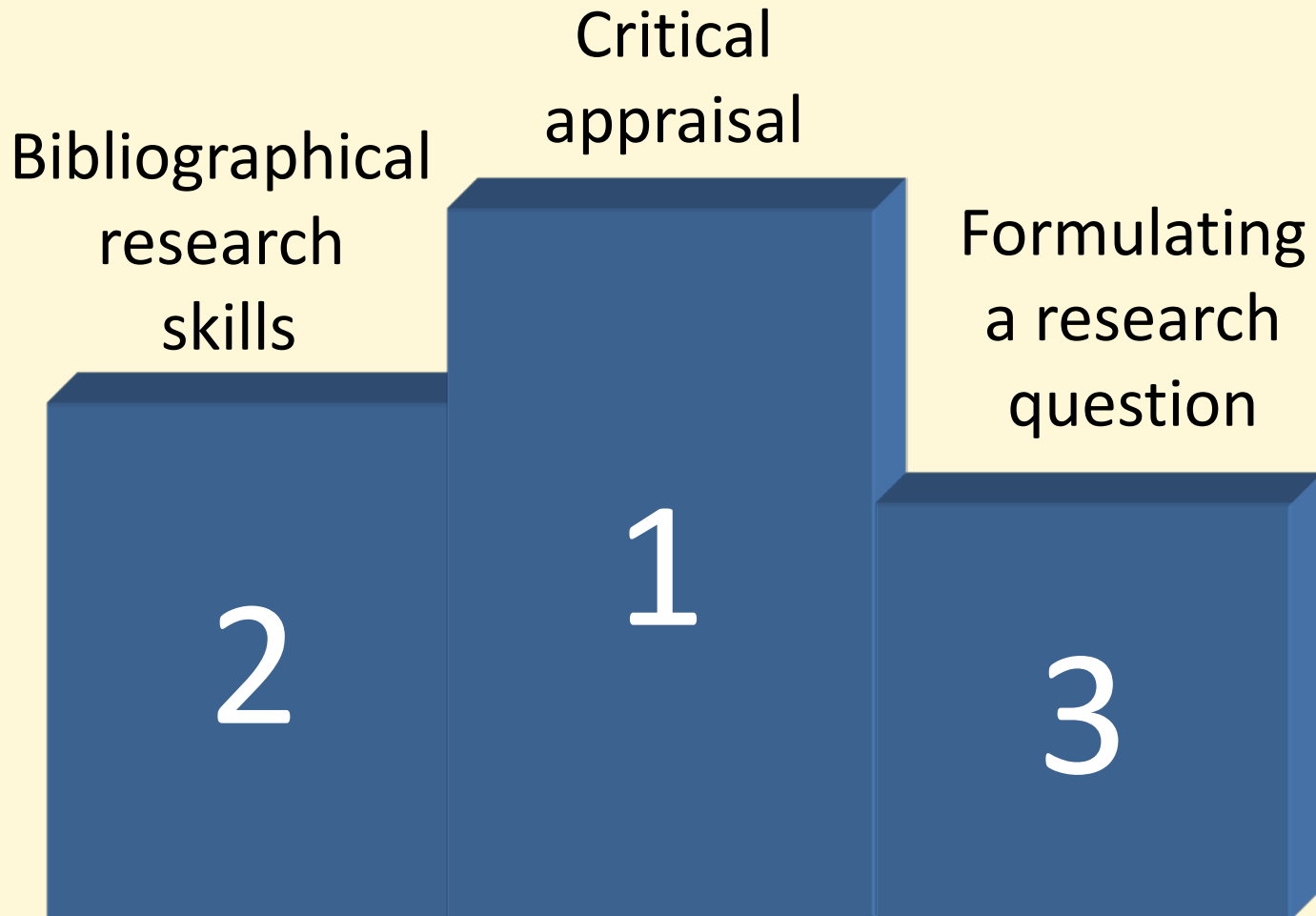
Results

Validation of the EBPQ, Italian version

- Principal component factor analysis identified three factors, explaining 60.9% of variance:
 - practice of EBP 
 - attitude towards EBP 
 - knowledge and skills associated to EBP 

	TRAINED IN EBP (192)	NOT TRAINED IN EBP (128)	
	Mean (SD)	Mean (SD)	P value
Practice of EBP	4.05 (1.6)	2.86 (1.8)	0.0005
Attitude towards EBP	6.00 (1.24)	5.42 (1.38)	0.0005
Knowledge and skills	4.59 (0.94)	4.01 (1.17)	0.0005
Total score	4.63 (0.94)	3.90 (1.07)	0.0005

Results



Limitations

Possible response bias depending on the response rate of 65.97%.

Conclusion

- The Italian version of EBPO is a valid and reliable instrument to measure the perceptions of the application of EBP by health professionals.
- Its application can measure the impact of activities directed to sustain the knowledge translation, and to define strategies to promote it.