

# EMERGING CONCEPTS IN THE PARAMEDICINE LITERATURE TO INFORM THE REVISION OF A PAN-CANADIAN COMPETENCY FRAMEWORK FOR PARAMEDICS: A RESTRICTED REVIEW

## 01. INTRODUCTION

The National Occupational Competency Profile (NOCP)-the competency framework for paramedics in Canada-is presently undergoing revision. Since the NOCP was published in 2011, paramedic practice, healthcare, and society have changed dramatically.

## 02. OBJECTIVE

To inform the revision of the renewed NOCP, we sought to identify emerging concepts in the literature that would inform the development of competencies for paramedics.

### AUTHORS

JENNIFER BOLSTER, ACP, BPARA (HONS)  
PRIYA PITHIA, PCP, BHSc, AEMCA  
DR. ALAN BATT, PhD PGCME, FHEA

### AFFILIATIONS

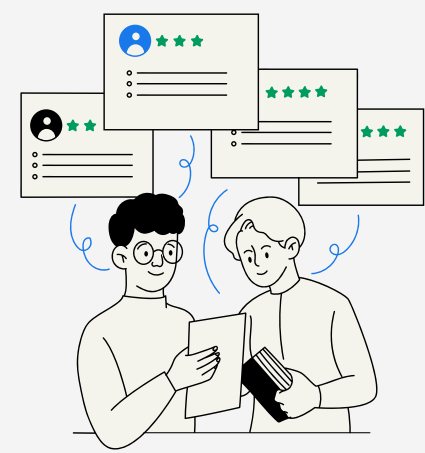
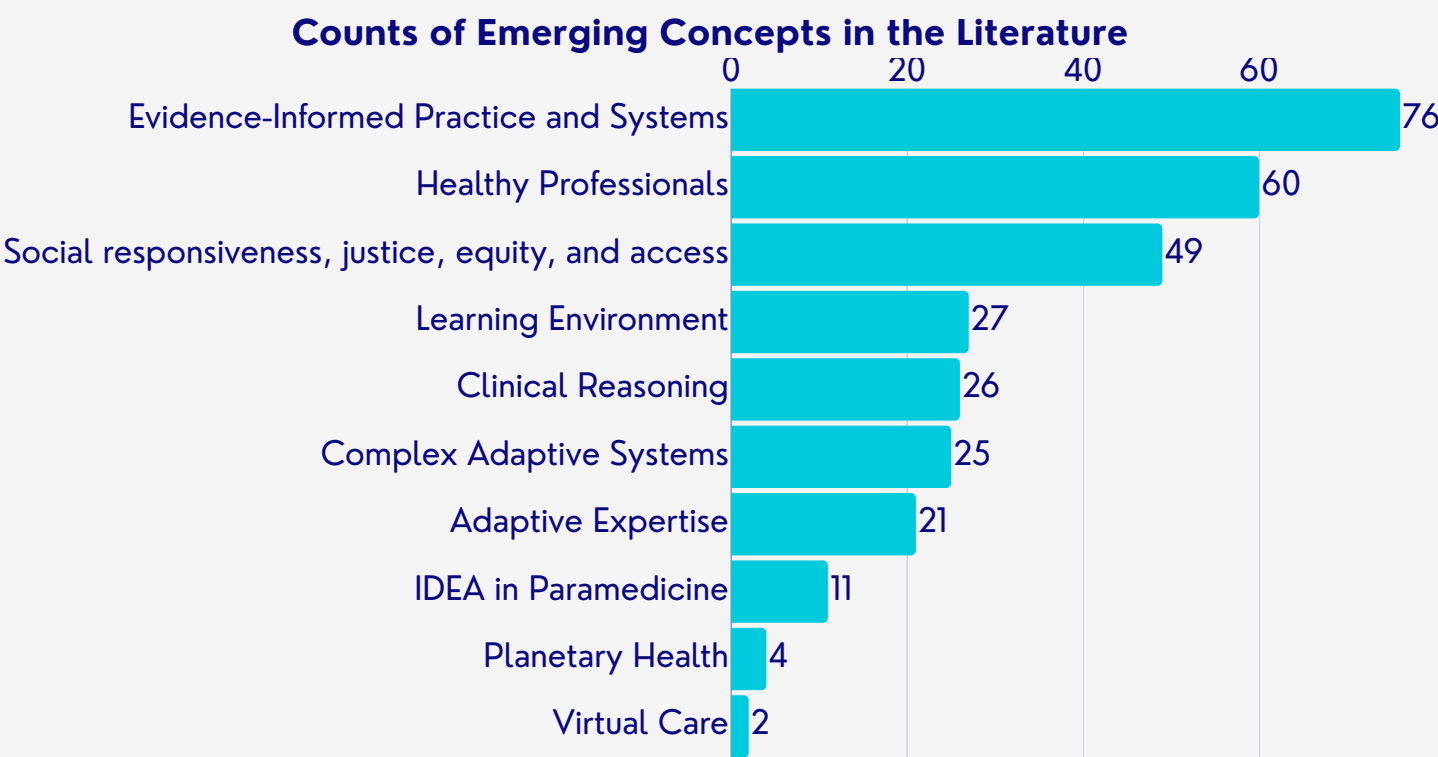
Monash University, Department of Paramedicine  
British Columbia Emergency Health Services, Clinical Governance and Professional Practice  
Fanshawe College, Centre for Research and Innovation

### NOSP Development 2023

Regular updates on the development of the NOSP can be found in Canadian Paramedicine, via social media, and at alanbatt.net.

## 05. ANALYSIS

Informed by the frameworks of Thoma et al. and Van Melle, we modified their original emerging concepts to reflect: a) the differences in language between physicians and paramedics; and b) the methodology of the NOSP development. For example, we changed 'physician humanism' to 'healthy professionals'.



These emerging concepts would benefit from further engagement among the paramedic community. In doing so, we may begin to understand how they intersect with our established understanding of the system of paramedicine.

## 03. METHODOLOGY

We conducted a restricted literature review and content analysis of all published and grey literature pertaining to or informing Canadian paramedicine from 2011 to 2022. Three authors performed a title, abstract, and full-text review to identify and label concepts informed by existing findings.

## 04. RESULTS/FINDINGS

A total of 302 articles were categorized into 11 emerging concepts related to competencies: inclusion, diversity, equity, and accessibility (IDEA) in paramedicine; social responsiveness, justice, equity, and access; anti-racism; healthy professionals; evidence-informed practice and systems; complex adaptive systems; learning environment; virtual care; clinical reasoning; adaptive expertise; and planetary health.

## 06. CONCLUSION

This review identified emerging concepts to inform the development of the 2023 National Occupational Standard for Paramedics (NOSP). These concepts will inform data analysis, the development of group discussions, and competency identification.

