





For a close look at the mapping concepts, please refer to the article published in the *Journal of Nursing Regulation*, Volume 11, Issue 3, October 2020. This first map is an overview of the timescale with articles emerging from around 2013 to 2017 with the main cluster being 2014, '15 and shows the temporal evolution of the concepts and the impact on the developmental scholarship research.

This main map provides a forward analysis presented here, and the second map placed the word "regulation" at the center. The maps were reviewed to clarify overarching themes or concepts represented by each of the clusters. This formed the basis of developing a great, narrative description of each theme.

Overall, there was very little research published relating to the influence of regulation on nursing CPD. There was no specific journal that regularly published on the topic. Within these articles, there are some international collaborations. However, most corresponding authors came from the United States or Australia.

The main collaborations were within the same country, and the analysis did not show a pattern in authorship groups. International collaborations concerning work in Africa and Southeast Asia demonstrated some cross-over of authorship. Four clusters were identified after consensus

Academic publications in professional development programming for the patient care cluster identifies links between knowledge and the varied quality of standards of CPD programs with comments relating to wanting regulators to have a role in assessing the quality of post-graduate education programs. This finding is evidenced by discussion around issues such as improving medication administration, computer literacy skills, training in specialized disciplines, and guidance when populations are facing epidemics.

The analysis showed a clear indication that the role of regulation influences the need to undertake CPD. However, overall the commentary within the included articles did not explore the rationale behind the regulator's requirements for nurses to undertake CPD such as patient safety. Rather, they describe the implementation of CPD through a range of education strategies in both the education sector and the workplace.

The limitations of the study. The findings of this bibliographic analysis need to be considered in light of several limitations. This analysis did not capture grey literature such as regulatory policy documents on CPD and conference abstracts because the focus of a bibliometric analysis was on published journal

that is being given to the profession about the importance of CPD into the future and what is the consequence for the regulator in continuing to mandate CPD as part of the professional practice framework?

Thank you for your time. Hello, and thank you very much for the opportunity to present at the Scientific Symposium. Since undertaking this bibliographic analysis, my colleague and I decided to do a more depth review of the literature.

As I mentioned to you in my presentation, a bibliometric analysis is very much a scoping of the key points of view. So we decided to go back in and actually undertake a proper scoping review of that literature. And we've now submitted that to the journal for peer review. So we'll see how that goes.

But I think it gave a more in-depth understanding of those overall themes that have been presented through to you. And I think, in undertaking bibliometric analysis, it is a really good way of having a quick look and overview of what literature is doing.

Not many people tend to do them, but I think it's something that is worth considering if an issue arises and you haven't got the time to do an in-depth scoping review or systematic review. Now, I think we have been very lucky in Australia with the pandemic so that nurses have had opportunities to undertake CPD but very much aware that in other places that probably just has not been possible.

Still no further questions from anyone about presentation or their thoughts on the current situation in CPD and regulation?

Thank you, LaDonna. Very interesting topic. Thank you very much. A question from Anna, "Do you think the results would have been very different if regulatory body reports have been included?" I think, yes, it would have been.

If we had actually looked at the grey literature, we absolutely would have had a different story but that is only the regulators' story. It wouldn't have been the stories that are out there that the majority of people are actually reading. So that's why we didn't include

And, Dennis, [inaudible] message I sent about CPD and regulation. Okay, thank you.