

# Nurses' Knowledge of Pressure Injury in a Tertiary Hospital in Sydney



Emine Tetik <sup>a,b</sup>, Husna Razeen <sup>b</sup>, Lin Perry <sup>a,c</sup>, Maha Pervaz Iqbal <sup>b,d</sup>

<sup>a</sup> Prince of Wales Hospital, Sydney <sup>b</sup> University of New South Wales, Sydney  
<sup>c</sup> University of Technology Sydney, Ultimo <sup>d</sup> Macquarie University, Sydney

## Introduction

Pressure injuries (PI), especially hospital acquired PI, are core indicators of patient safety and quality of care which healthcare providers are required to address<sup>(1)</sup>. Nurses need adequate knowledge of PI prevention and management to provide care.

## Aims

This study explored nurses' knowledge of PI in a tertiary hospital and aimed to identify any knowledge deficits to inform development of an educational tool.

## Methods

This cross-sectional study used the Pieper-Zulkowski Pressure Ulcer Knowledge Test version 2<sup>(2)</sup>, distributed anonymously Nov 2019- Feb 2020, with appropriate Ethics Committee approvals. Results were analysed descriptively using SPSS version 26.

## Results

Participants' demographics:

Figure 1: Participants' age

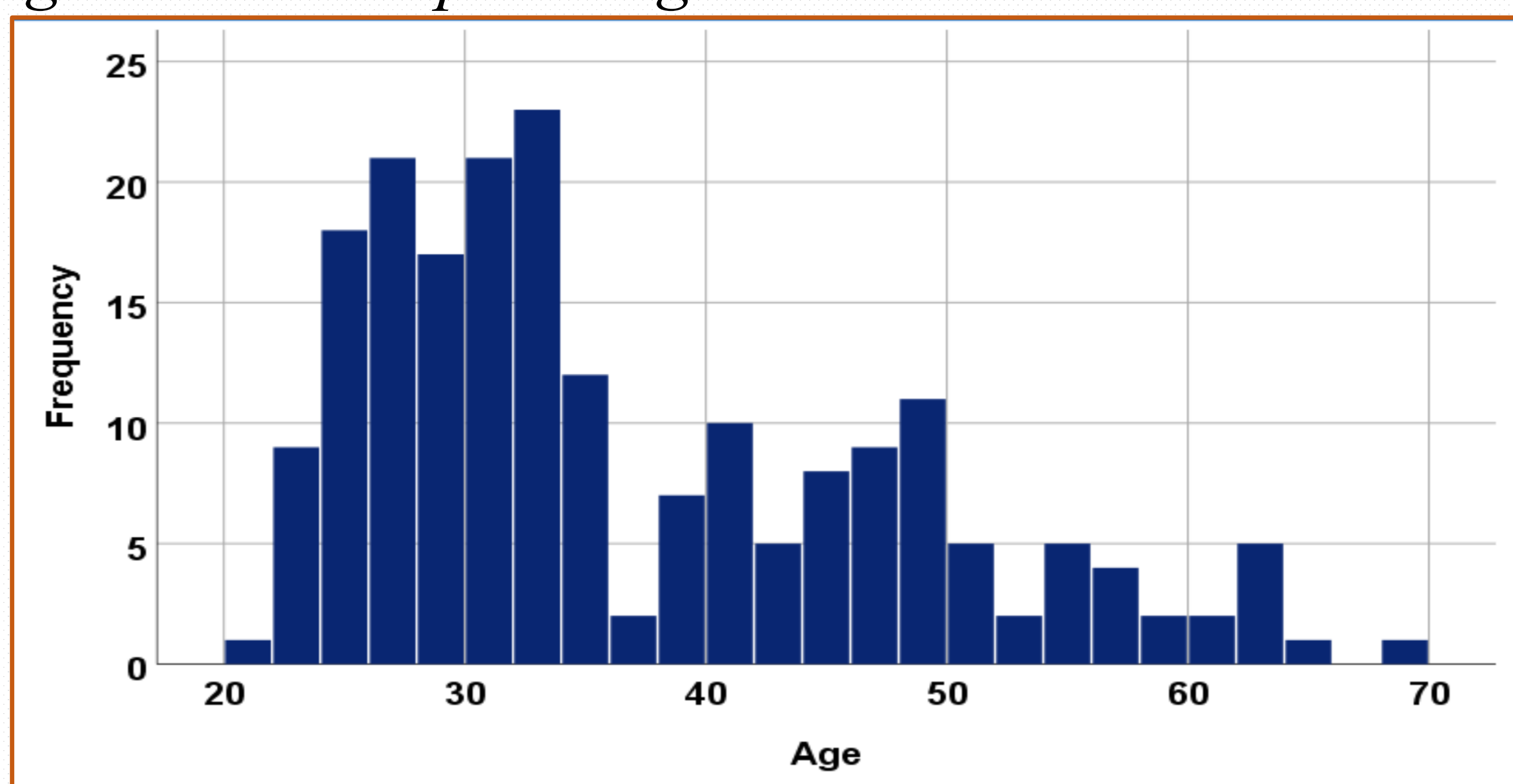
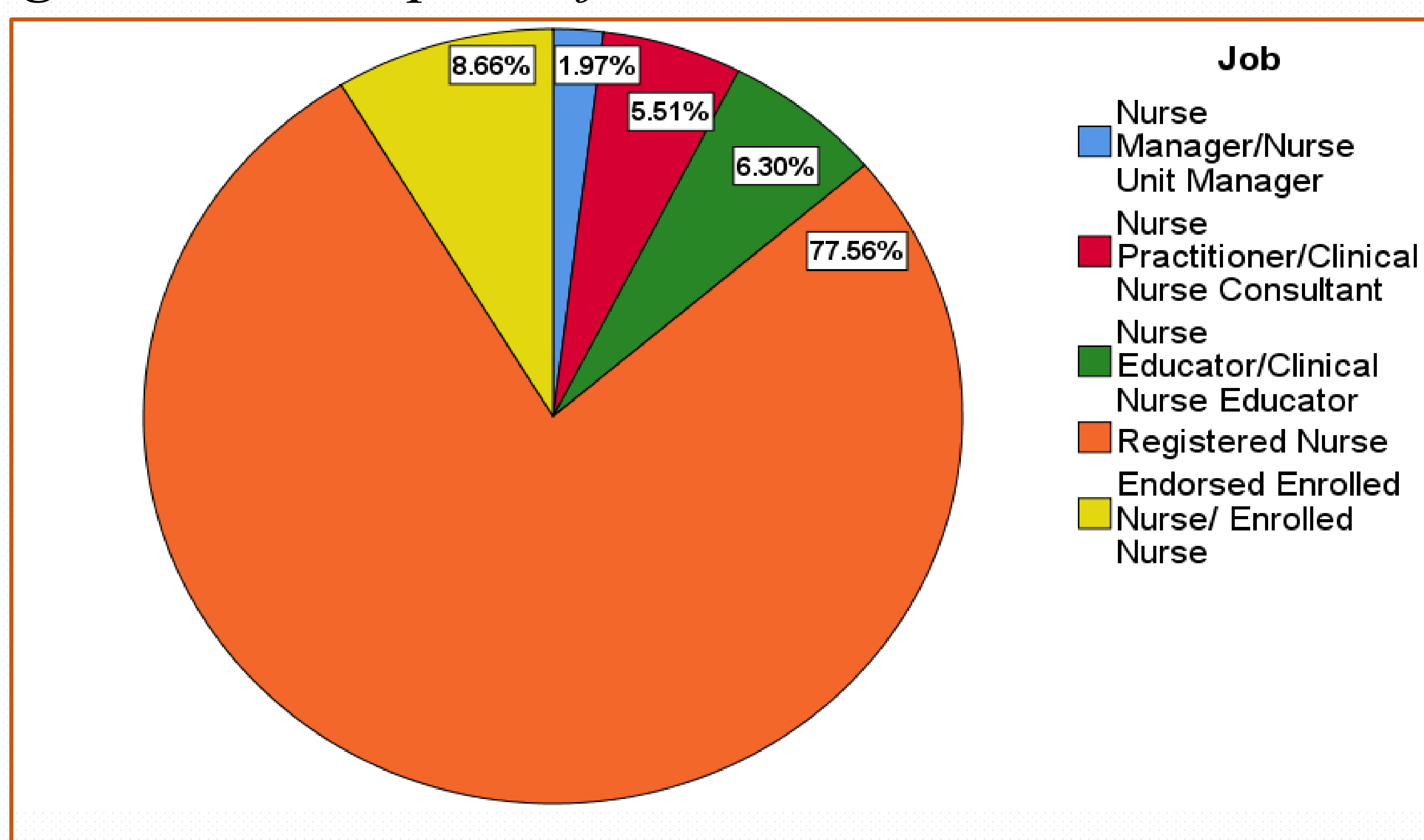


Figure 2: Participants' job titles

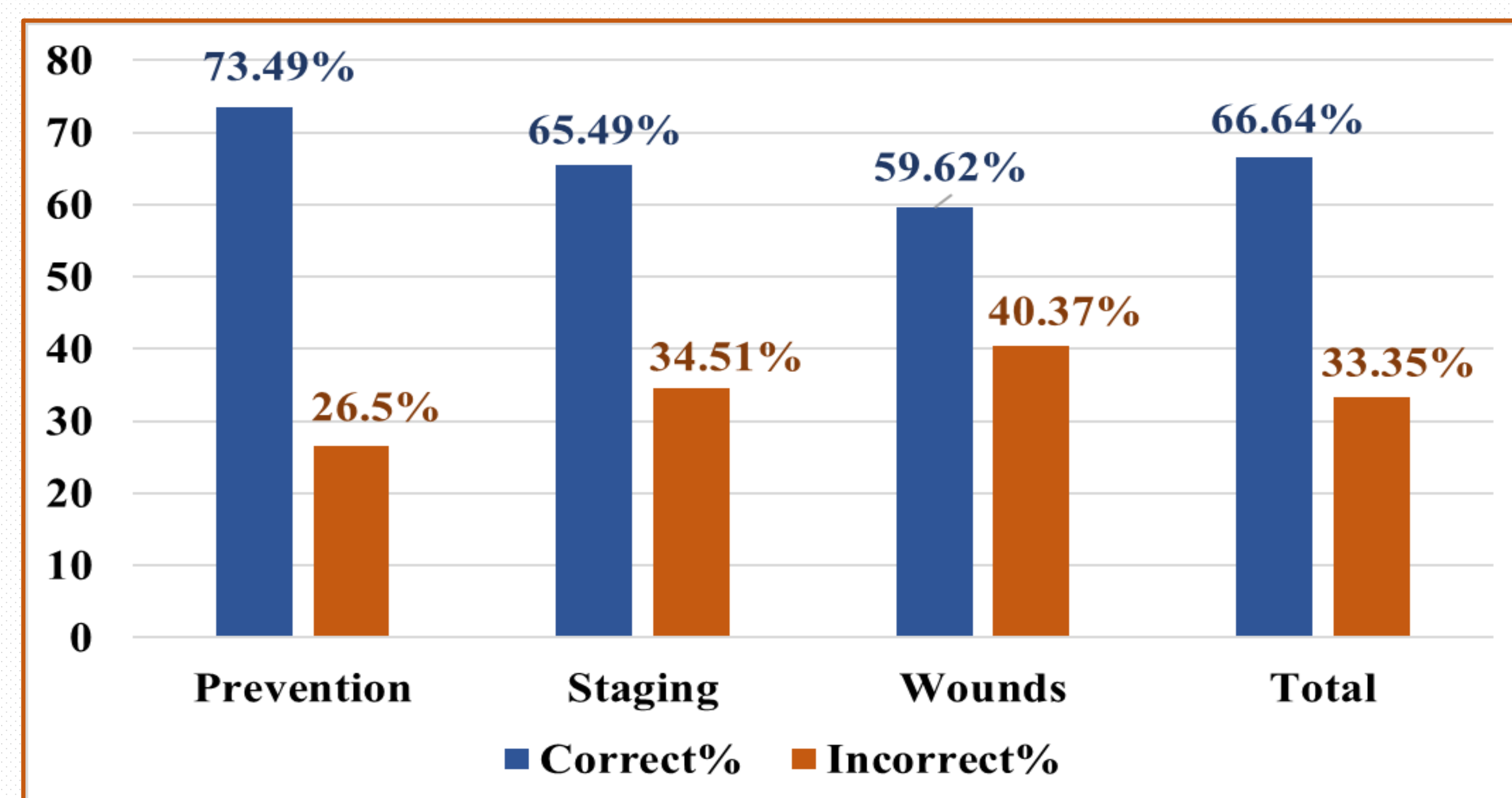


## Results continue

• Approximately 900 surveys were distributed with 29.22% response rate. The survey consisted of 72 multiple-choice statements in three subscales; prevention, staging and wounds. Cronbach alpha = .86.

• Mean of correct responses (%) in subscales and total:

Figure 3: Participants' correct responses



## Conclusion

Nurses' knowledge of pressure injury prevention and management varies between 65% and 79%<sup>(3,4)</sup> in acute hospital settings in Australia. At 66.64% this study reports shortfalls in nurses' knowledge across all aspects of pressure injury prevention and care. These results will assist with developing an educational tool to address this knowledge gap in the next step of a PhD project of the primary author.

## References

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Contact: Emine Tetik RN MPH MHM PhD Candidate (UNSW)

[Emine.Tetik@health.nsw.gov.au](mailto:Emine.Tetik@health.nsw.gov.au) and [e.tetik@unsw.edu.au](mailto:e.tetik@unsw.edu.au)