

---

---

# Conflict of interest:

# None to declare

---

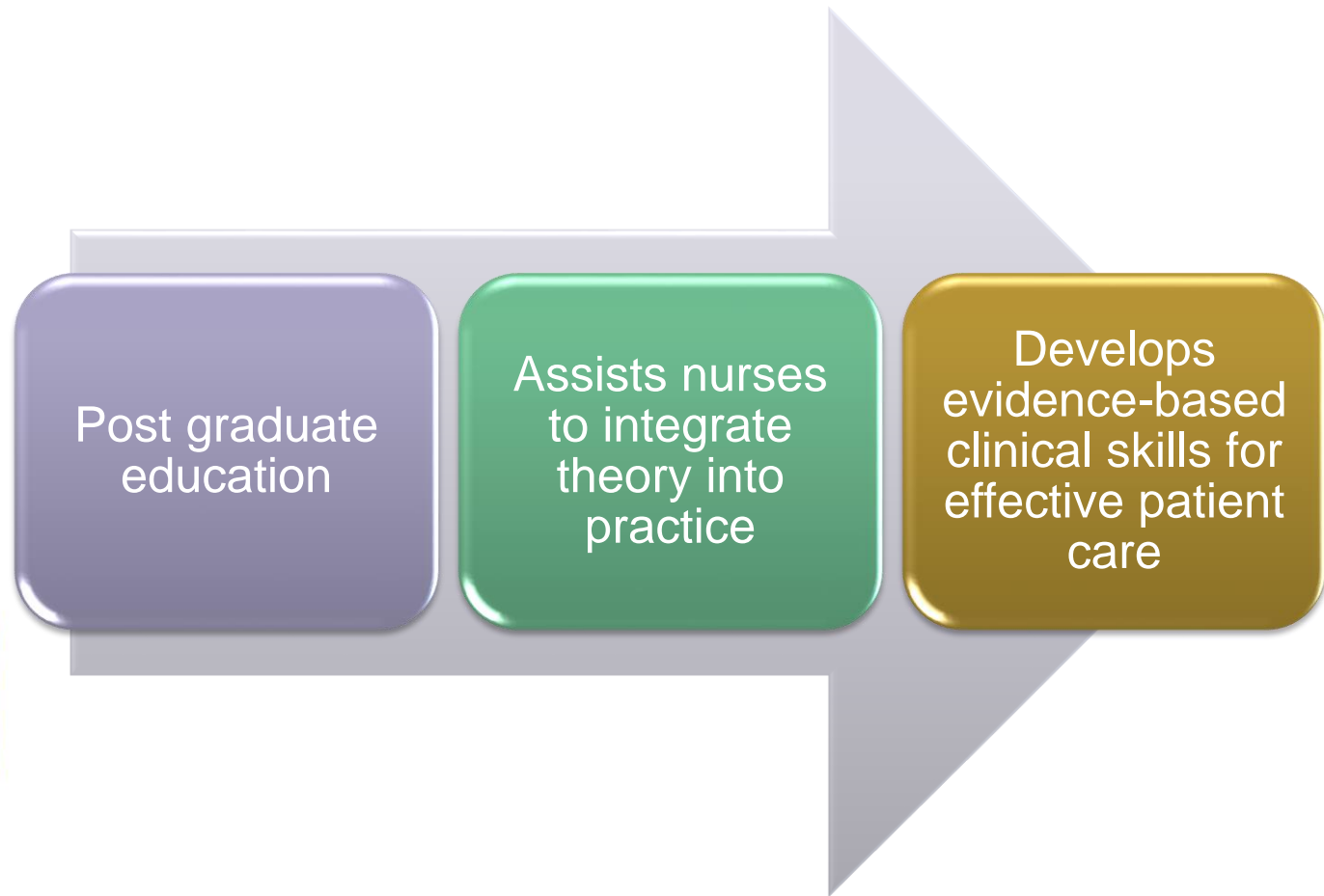
# **Exploring registered nurses' attitudes towards post graduate education for specialty nursing in Australia: A pilot study**

**Linda Ng  
PhD Candidate**

---

# Background

---



# Background

- Benefits to students, employers, patients and overall impact on practice remains unclear (Gijbels, et al., 2010; Griscti & Jacono, 2006; Pelletier, Donoghue & Duffield, 2003)



---

# Significance

---

- A valid and reliable tool
- Provide important data on the attitude of Australian nurses to post graduate education and specialisation in nursing
- Assist in evaluating the effectiveness of post graduate education in improving retention

---

# Methodology: Development of items

---



```
graph LR; A(Literature Review) --> B(Nurses Attitudes towards Post Graduate Education (NATPGE) Questionnaire)
```

**Literature  
Review**



**Nurses  
Attitudes  
towards Post  
Graduate  
Education  
(NATPGE)  
Questionnaire**

---

# Methodology

---

Validity and reliability testing:

1. Content validity
2. Face validity
3. Reliability

---

# Methodology

---

## Content Validity

Expert panel consists of:

- Two nurse academics
- An expert in psychometric scales
- A nurse academic from New Zealand



---

# Methodology

---

## Face Validity

- Convenience sample of 25 Registered Nurses from various hospitals

---

# Methodology

---

## Reliability: Pilot test retest

- Sample from Nurses and Midwives e-Cohort Study
- Survey 1- open for 7 days
- Rest (Close) for 3 weeks
- Survey 2- open for 7 days

---

# Data Collection

---

Ethics approval obtained (#2011000884)

100 emails were sent

- Survey 1- total participants: 46 (46%)
- Survey 2- total participants: 36 (78.3%)

Data were collected from 36 participants who had completed both surveys

---

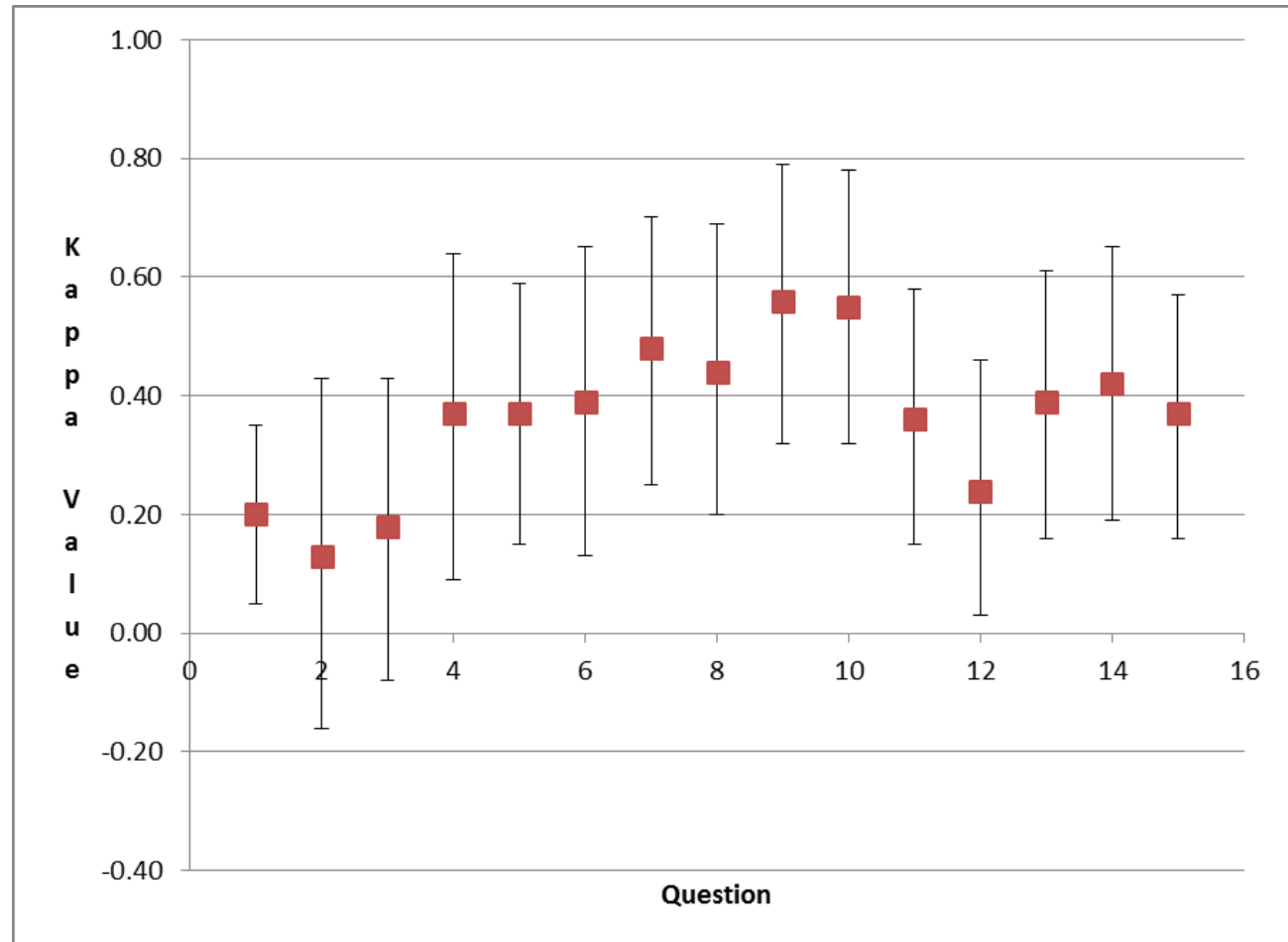
---

# Data Analysis

---

- Analysis of data with weighted Kappa (Graham & Jackson, 1993; Jakobsson, 2004)
- Software: Stata 12
- Rechecking of data with a statistician

# Results



# References

- Barr, H., Freeth, D., Hammick, M., Koppel, I., & Reeves, S. (1999). *Evaluating inter-professional education: A United Kingdom review for health and social care*. London.
- Bowling, A (1991). *Measuring health: A review of quality of life and measurement scales*. Milton Keynes, UK: Open University Press
- Brooker, C., & Brabban, A. (2004). *Measured success: A scoping review of evaluated psychosocial interventions training for work with people with serious mental health problems*.
- Chaboyer, W., Dunn, S., & Najman, J. (2000). Developing specialty knowledge: The case of Australian critical care nursing. *Intensive and Critical Care Nursing*, 16, 13- 17.
- Dillman, D. A. (2000). *Mail and internet surveys: The tailored design (2nd ed.)*. New York, NY: John Wiley & Sons.
- Graham, P., & Jackson, R. (1993). The analysis of ordinal agreement data: Beyond weighted kappa. *J Clin Epidemiol*, 46(9), 1055- 1062
- Gijbels, H., O'Connell, R., Dalton-O'Connor, C., & O'Donovan, M. (2010). A systematic review evaluating the impact of post-registration nursing and midwifery education on practice. *Nurse Education in Practice*, 10, 64- 69.
- Griscti, O., & Jacono, J. (2006). Effectiveness of continuing education programmes in nursing: Literature review. *Journal of Advanced Nursing*, 55(4), 449- 456.

---

# References

---

- Jakobsson, U. (2004). Statistical presentation and analysis of ordinal data in nursing research. *Scand J Caring, 18, 437- 440*
- McDowell, I & Newell, C (1996). *Measuring health: A guide to rating scales and questionnaires*. Oxford: Oxford University Press
- Nie, N., Hillygus, S., & Erbring, L. (2002). *Internet use, interpersonal relations and sociability: Findings from a detailed time diary study*. In B. Wellman (Ed), *The internet in everyday life (pp 215-243)*. London: Blackwell Publishers
- Pelletier, D., Donoghue, J., & Duffield, C. (2003). Australian nurses' perception of the impact of their postgraduate studies on their patient care activities. *Nurse Education Today, 23, 434- 442*.
- Shaughnessy, J. J., Zechmeister, E. B., & Zechmeister, J. S. (2006). *Research methods in psychology (pp 143-192) (7th ed.)*: McGraw-Hill Higher Education
- Waddell, D. L. (1992). The effects of continuing education on nursing practice: a meta-analysis. *The Journal of Continuing Education in Nursing, 23(43), 164- 168*.