Nurse practitioner leadership and research activity [slides]

Mary Ryder  
*Edith Cowan University*

Elisabeth Jacob

Joyce Hendricks

Follow this and additional works at: [https://ro.ecu.edu.au/ecuworkspost2013](https://ro.ecu.edu.au/ecuworkspost2013)

Part of the [Nursing Commons](https://ro.ecu.edu.au/ecuworkspost2013)


This Presentation is posted at Research Online.  
https://ro.ecu.edu.au/ecuworkspost2013/8480
Background

Nurse Practitioners are identified as the ideal conduit to transform healthcare delivery internationally.

Healthcare transformation requires the application of leadership and research skills.

The literature to date has limited information on NPs as leaders or researchers in the nursing profession.
Design

- An anonymous electronic survey was used using cloud-based software Qualtrics®
- The instrument was developed from a modified version of two validated instruments:
  - Australian Nurse Practitioner Study Nurse Practitioner Survey (Gardner et al 2009)
  - The National Organization of Nurse Practitioner Faculties (NONPF) Research Special Interest Group (SIG) Survey (Buchholz et al 2012)
- Leadership activities described in the SCAPE report were used using a Likert scale
- Final instrument 30 items:
  - Demographics (9)
  - Professional development (6)
  - Leadership (2), covering 26 measurements
  - Research (11)

Methods

- A purposeful sample was used for the research. The sample was determined by eligibility criteria in both Ireland and Australia which includes:
  - Having practiced as a Nurse Practitioner in Ireland or Australia within the last five years
  - Being a current member of an NP professional association.
- Power analysis using t-test ANOVA repeated measures between factors identified 85 participants were required for 95% confidence interval
- Following Research Ethics Approval data was collected in May and June 2017 from members of two professional NP national associations.
Demographics Results

<table>
<thead>
<tr>
<th>Sex</th>
<th>Australia</th>
<th>Ireland</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male</td>
<td>13</td>
<td>3</td>
<td>16</td>
</tr>
<tr>
<td>Female</td>
<td>61</td>
<td>19</td>
<td>80</td>
</tr>
<tr>
<td>Age Category</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>25-44 years of age</td>
<td>17</td>
<td>12</td>
<td>29</td>
</tr>
<tr>
<td>45-64 years of age</td>
<td>54</td>
<td>10</td>
<td>60</td>
</tr>
<tr>
<td>65 years or older</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>Number of Years Authorised to Practice</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0-5 years</td>
<td>32</td>
<td>16</td>
<td>48</td>
</tr>
<tr>
<td>6-10 years</td>
<td>28</td>
<td>4</td>
<td>32</td>
</tr>
<tr>
<td>11-15 years</td>
<td>12</td>
<td>1</td>
<td>13</td>
</tr>
<tr>
<td>16-20 years</td>
<td>1</td>
<td>1</td>
<td>2</td>
</tr>
</tbody>
</table>

Leadership Results
Research Results

Type of Research for NP Role

- Other (please specify) 4 8
- Both 19 40

Generation of knowledge (generation of new knowledge through innovation, testing and sharing) 3 3
Translation of research (research findings are translated into practice or policy) 2 2

Percentage of Respondents Research active and Research Support

- Concept development 6 22%
- Clinical trial 5 22%
- Administration 7 29%
- Education 6 25%
- Research 0 0%

Ireland  Australia
Leadership Activity Between Countries

Compare Mean leadership activity between country

Research Activity Between Country

Percentage of Research Activities

- Other Research: 10% Ireland, 46% Australia
- Clinical Outcomes Research: 6% Ireland, 45% Australia
- Quantitative Research: 10% Ireland, 36% Australia
- Qualitative Research: 4% Ireland, 28% Australia
Conclusion

Nurse Practitioners in both Ireland and Australia identify themselves as leaders of the nursing profession.

NP work practices are primarily focused on provision of direct patient care.

Research activity is lacking among NPs.

Leadership ability influences research outcomes for NPs in both Ireland and Australia.

Follow @ICNurses on Twitter and use #ICNcongress on Social Media!