Nurse practitioner leadership and research activity [slides]

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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 (Bluchholz 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 measure 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

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

Percentage of Respondents Research active and Research Support
Leadership Activity Between Countries

Compare Mean leadership activity between country

- Evaluation of quality of patient care
- Knowledge generation/research to inform clinical practice
- Increased use/application of research evidence in clinical practice
- Clinical practice guidelines: development, review and implementation
- Establishing support structures for professionals and/or patients
- Initiating or introducing new clinical practices
- Evaluate and initiate new patient services
- Represent profession on National/International forum
- Effect improved MDT satisfaction (identify, service models, efficient resource allocation)
- Formal knowledge transfer (teaching)
- Motivation of staff for professional development
- Training and mentoring MDT members
- Contribute to development of new education resource

Research Activity Between Country

Percentage of Research Activities

- Other Research
- Clinical Outcomes Research
- Quantitative Research
- Qualitative Research

Ireland | 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.

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