Integrative review: attitude of the nurses towards evidence-based practice

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Antecedentes.

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Variability of peripheral venous catheter care. Effectiveness of the implementation of a clinical practice guideline.
Purpose.

• First Phase Aptitude study nursing at the Evidence-Based Practice.
  ➢ Four hospital centers.
  ➢ 28 Units hospitalization.
  ➢ 326 Nursing.

• Adaptation Questionnaire attitude to practice evidence-based nursing (CAPEBE).
  ➢ Literature Review.
  ➢ Group of experts.
  ➢ Approval modifications by the authors of the questionnaire.
Methods (I).

DESCRIPTORS:

- Evidence-based Nursing OR EBN
- Nursing AND Evidence-based Practice OR EBP
- Nursing AND Attitude

AND
Methods (II)

Summary of search strategy

Conditions:
• Time limit 2010.
• Summary and abstract OR Mesch.
• English and Spanish.
• Alert system Pubmed.

Datebases:
• Pubmed
• Cochrane
• Scopus

Recovery articles

Article selection by consensus classification based on the descriptors used

Exclusion criteria

• Paper format
• No relation
• Unrecovered
• Previous to 2010

Critical Reading. Develop conclusions of the review

Methods (II)
Methodological limitations

• No was performed the truncation of descriptors used in the search.

• Not performed the review of the bibliographical references of articles recovered.
Results (I).

Table 1. Distribution of retrieved articles and quantity of excluded articles and reasons.

<table>
<thead>
<tr>
<th>Databases</th>
<th>Articles</th>
<th>Duplicates</th>
<th>Articles excluded by criteria for exclusion n=xxx (xx%)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Búsqueda</td>
<td>Incluidos</td>
<td>Paper</td>
</tr>
<tr>
<td>PubMed</td>
<td>423</td>
<td>46</td>
<td>0</td>
</tr>
<tr>
<td>Cochrane</td>
<td>32</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>Scopus</td>
<td>4</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Total</td>
<td>469</td>
<td>48</td>
<td>3</td>
</tr>
</tbody>
</table>
**Results (II).**

Table 2. Relationship between the type of research and the descriptors used to search.

<table>
<thead>
<tr>
<th>Types of Research</th>
<th>Descriptors used to search</th>
<th>Nursing</th>
<th>Evidence-based practice</th>
<th>Evidence-based nursing</th>
<th>Attitude</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>n</td>
<td>%</td>
<td>n</td>
<td>%</td>
</tr>
<tr>
<td>Clinical trial</td>
<td></td>
<td>57</td>
<td>12.15</td>
<td>57</td>
<td>12.15</td>
</tr>
<tr>
<td>meta-analysis</td>
<td></td>
<td>4</td>
<td>0.85</td>
<td>4</td>
<td>0.85</td>
</tr>
<tr>
<td>practice guideline</td>
<td></td>
<td>1</td>
<td>0.21</td>
<td>1</td>
<td>0.21</td>
</tr>
<tr>
<td>Systematic reviews</td>
<td></td>
<td>255</td>
<td>54.37</td>
<td>255</td>
<td>54.37</td>
</tr>
</tbody>
</table>
Argument (I).

- Nurses largely used experienced-based knowledge collected from their own observations.
- Individual factors are known to influence engagement in research utilization and evidence-based practice (EBP).
- Although evidence-based healthcare results in improved patient outcomes and reduced costs, nurses do not consistently implement evidence-based best practices.
Argument (II).

- Nurses largely used experienced-based knowledge collected from their own observations, colleagues and other collaborators for support in practice. Evidence from research was seldom used.
- Institutions ought to undertake serious reflection on the lack of skills of senior nurses about Evidence-Based Clinical Practice, even when they have more professional experience.
- Skills in evidence-based practice seem to reduce barriers to using research evidence and to increase use of research evidence in clinical practice.
Limitations of the study

• Could have been expanded the search to other databases.

• Account should be taken that the main reason for exclusion was the temporary limit.
Conclusión.

- On the one hand, following the review and approach to all selected publications, it was concluded that open this nursing staff and willingly welcomes the evidence-based practice.
- On the other hand, is limited by institutional and cultural barriers in order to carry out a correct nursing evidence-based implementation.
- It would seem appropriate to conduct a study on the attitudes of the professionals in our midst.
  - Obtained an implication of hospital managers.
  - Aptitude studio is made to PBE to 326 nurses with questionnaire completion rate of 73.93%.
  - Analysis of results.
Principal references. (I)


Related citations


Thank you