

How to get the most out of



www.pedro.org.au

1. What is evidence-based physiotherapy

2. The 5 A's
3. PICO
4. What is PEDro
5. PEDro simple search
6. PEDro advanced search
7. Accessing full-text
8. Selecting and saving search results
9. New features of PEDro
10. Additional resources

Evidence-based physiotherapy is physiotherapy
informed by relevant, high-quality research.

Whenever possible, clinical decisions should be
informed by high-quality clinical research, but
never just by clinical research. Good clinical
decisions, whether evidence-based or not, should
involve consideration of patient preferences and
therapists' practice knowledge.



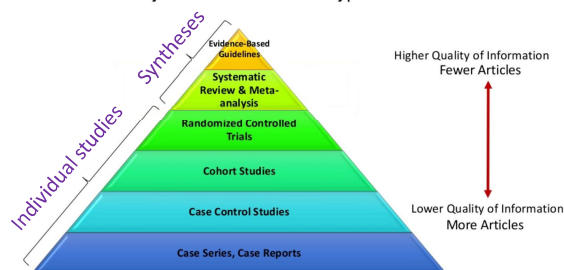
Effects of intervention

Patient experiences

Prognosis

Diagnosis

Evidence Pyramid – Publication Types



<http://www.slideshare.net/lynnkysh/keck-year-2-evidence-based-medicine-systematic-reviews>

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| | |
|----------|----------------------------------|
| Assess | from the care of the patient |
| Ask | construct a clinical question |
| Acquire | high-quality clinical research |
| Appraise | validity, impact + applicability |
| Apply | to the care of the patient |

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Patient or problem

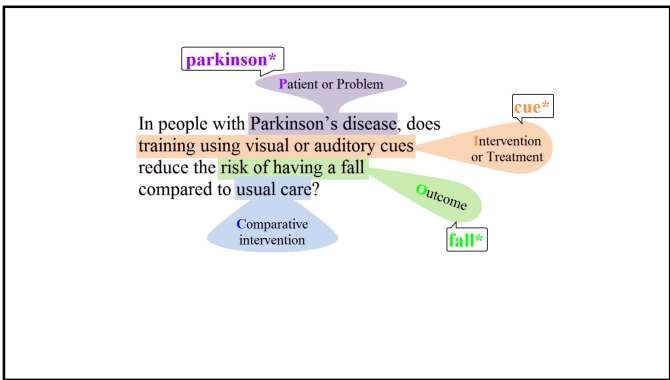
Intervention or treatment

Comparative intervention

Outcome

more precise question

fewer & more specific search results



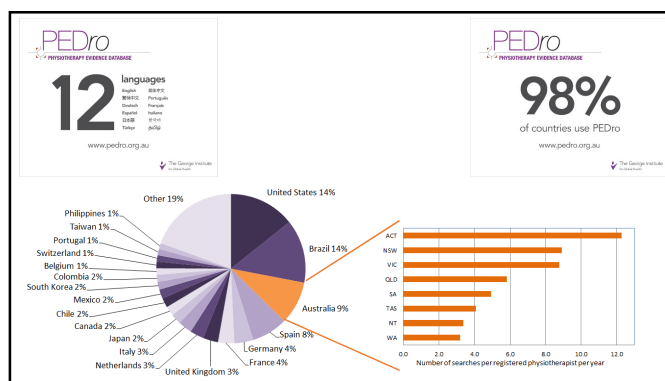
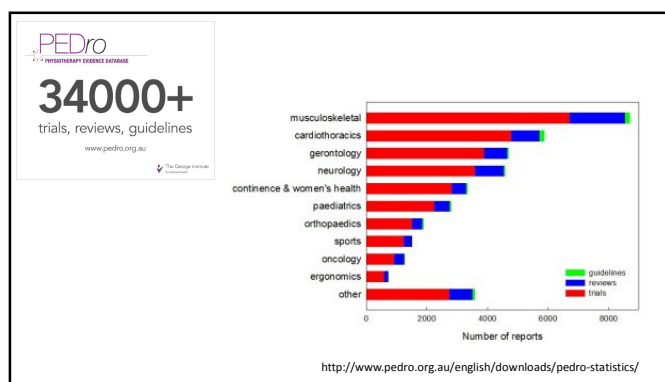
| | | |
|--------------|--------|---------|
| parkinson* | cue* | fall* |
| parkinson | cue | fall |
| parkinson's | cues | falls |
| parkinsonism | cueing | falling |

| Search term | Searches | Results |
|-----------------------|----------|---------|
| 1 low back pain | 1,777 | 1,811 |
| 2 stroke | 1,523 | 1,994 |
| 3 cerebral palsy | 985 | 428 |
| 4 frozen shoulder | 970 | 50 |
| 5 scoliosis | 957 | 37 |
| 6 pilates | 787 | 56 |
| 7 osteoarthritis | 709 | 1,066 |
| 8 parkinson | 692 | 62 |
| 9 ankle sprain | 683 | 209 |
| 10 dry needling | 632 | 52 |
| 11 tennis elbow | 615 | 89 |
| 12 shoulder | 597 | 1,010 |
| 13 multiple sclerosis | 587 | 279 |
| 14 fisioterapia | 561 | 35 |
| 15 ultrasound | 559 | 673 |
| 16 neck pain | 547 | 697 |
| 17 knee | 533 | 2,112 |
| 18 spinal cord injury | 526 | 234 |
| 19 kinesio taping | 494 | 33 |
| 20 shoulder pain | 443 | 654 |

Analysis of 893,971 PEDro search commands over a 6-month period

| PICO elements | total searches |
|---------------|----------------|
| 0 | 11% |
| 1 | 44% |
| 2 | 35% |
| 3 | 10% |
| 4 | 0% |

- free evidence resource
- effects of physiotherapy interventions
- only indexes high-level evidence:
 - evidence-based clinical practice guidelines
 - systematic reviews
 - randomised controlled trials
- validity assessment (PEDro scale) of all trial reports
- produced on a not-for-profit basis by a registered charity with industry funding



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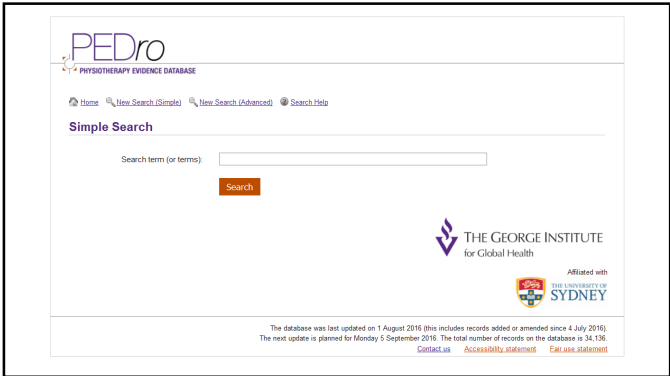
6. PEDro advanced search

7. Accessing full-text

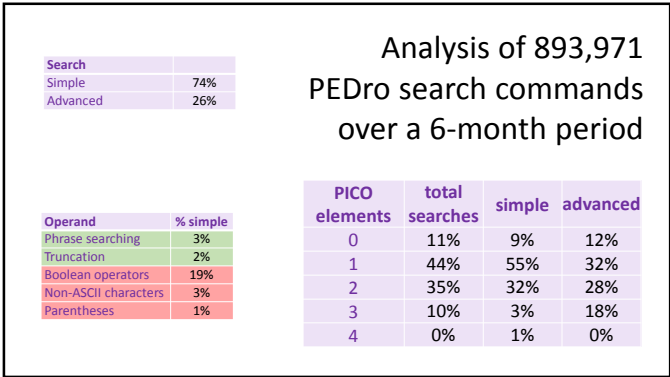
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- truncation (*)
 - leading (eg, *feedback)
 - trailing (eg, parkinson*)
 - phrase searching (" ")
 - use English characters
 - omit parentheses
 - words automatically combined with "and"
 - add/remove terms if yield is to high/low



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Abstract & Title:

Therapy:

Problem:

Body Part:

Subdiscipline:

Topic:

Method:

Author/Association:

Title Only:

Source:

Published Since: [YYYY]

New records added since: [DDMMYYYY]

Score of at least: [19]

Return: 20 records at a time


When Searching: ☒ Match all search terms (AND) ☐ Match any search term (OR)

Start Search

- 13 fields (4 free text, 6 lists, 3 date/number)
- truncation (*), phrase searching (“ ”), use English characters, omit parentheses
- words within text fields automatically combined with “and”
- can combine fields with AND or OR
- add/remove fields if yield is to high/low

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PubMed Central most likely to be free
Maastricht CEBP
DOI
PubMed
publisher least likely to be free



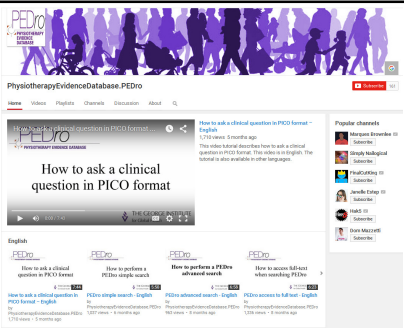
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- select records in 2 places:
 - “Search Results”
 - “Detailed Search Results”
- view selected records with “Display Selected Records” hyperlink
- email results to yourself with “Email results” hyperlink
- save search results as an RIS file

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- Subscribe to the PEDro newsletter
- Evidence in your inbox
- PEDro blog
- PEDro social media
- Accepting donations

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<https://www.youtube.com/channel/UC0z1EVhtpOMMQRzRioGIotQ>



<http://www.pedro.org.au/english/search-help/>

