

SUPPLEMENTARY MATERIAL

SEARCH STRATEGY

Research Question: What are the clinical methods/tools to assess posture in children with spastic cerebral palsy?

Key concepts: clinical methods, tools, posture, children, cerebral palsy

Concept 1: Clinical methods

Keywords: Test*[tw] OR tool*[tw] OR method*[tw]

MeSH:

Concept 2: posture

Keywords:

MeSH: "Posture"[Mesh]

Concept 3: children

Keywords:

MeSH: "Disabled Children"[Mesh]

Concept 4: spastic

Keywords:

MeSH: "Muscle Spasticity"[Mesh]

Concept 5: cerebral palsy

Keywords: "cerebral palsy*" [tw]

MeSH: "Cerebral palsy, spastic, diplegic" [Supplementary Concept]

A systematic literature search was performed on the databases: MEDLINE (assessed by PubMed), CENTRAL (Cochrane Library Central register of Controlled Trials), Web of Science, PeDro and Science direct starting from 2010 to 2022 using basic and advanced search strategy.

Pubmed search

#1	Test*[tw] OR tool*[tw] OR method*[tw]
#2	"Posture"[Mesh]
#3	"Disabled Children"[Mesh]
#4	"Muscle Spasticity"[Mesh]
#5	"cerebral palsy*" [tw] OR "Cerebral palsy, spastic, diplegic" [Supplementary Concept]

BASIC SEARCH

Cerebral palsy* AND posture (831 results) (Filter: Books and Documents, Case Reports, Classical Article, Clinical Conference, Comparative Study, Historical Article, observational studies; 2010–2022; Language: English; Age: 2–12 years)

Cerebral palsy* AND tool* OR method* AND posture (Filter: 2010–2022; Language: English; Age: 2–12 years;) 712 results

((Cerebral palsy AND "last 12 years"[PDat])) AND (posture AND "last 12 years" [PDat]) = 112 results (Filter: Observational studies; 2010–2022; Language: English; Age: 2–12 years)

Cerebral [Title] AND palsy [Title] AND tool [Title] AND posture [Title] = 0 result

Cerebral [Title] AND palsy [Title] AND posture [Title] = 22 result

Posture [Title] AND tool [Title] AND cerebral [Title] AND palsy [Title] = 0 result

((Cerebral palsy] AND posture) = 830 results

Posture AND method* AND "cerebral palsy*" = 579 results

Posture AND tool AND "cerebral palsy" = 57 results

"Posture*" AND "cerebral palsy*" = 547 results

Posture* = 2556 results

Cerebral palsy = 7680 results

Advanced search

#1 AND #2 = 212 results

#2 AND #3 = 0 results

#1 AND #3 = 218 results

#2 AND #5 = 53 results

#1 AND #2 AND #5 = 42 results

SCIENCEDIRECT

1. Cerebral palsy AND posture = 2963 results
2. Cerebral palsy AND tool OR method AND posture = 67,209 results
3. (((Cerebral palsy AND "last 12 years"[PDat])) AND (posture AND "last 12 years" [PDat])) = 0 result
4. Cerebral [Title] AND palsy [Title] AND tool [Title] AND posture [Title] = 57 results
5. Cerebral [Title] AND palsy [Title] AND posture [Title] = 68,807 result
6. Posture [Title] AND tool [Title] AND cerebral [Title] AND palsy [Title] = 57 result
7. ((Cerebral palsy] AND posture) = 3438 results
8. Posture AND method AND "cerebral palsy" = 2653 results
9. Posture AND tool AND "cerebral palsy" = 1181 results
10. "Posture" AND "cerebral palsy" = 2972 results
11. Posture = 71,483 results
12. Cerebral palsy = 16,306 results

SCOPUS

1. Cerebral palsy* AND posture = 974 results
2. Cerebral palsy* AND tool* OR method* AND posture = 525 results

3. (((Cerebral palsy AND "last 12 years"[PDat])) AND (posture AND "last 12 years" [PDat])) = 0 result
4. Cerebral [Title] AND palsy [Title] AND tool [Title] AND posture [Title] = 0 result
5. Cerebral [Title] AND palsy [Title] AND posture [Title] = 1 result
6. Posture [Title] AND tool [Title] AND cerebral [Title] AND palsy [Title] = 0 result
7. ([Cerebral palsy] AND posture) = 974 results
8. Posture AND method* AND "cerebral palsy*" = 495 results
9. Posture AND tool AND "cerebral palsy" = 74 results
10. "Posture*" AND "cerebral palsy*" = 961 results
11. Posture* = 64,616 results
12. Cerebral palsy = 24,630 results

WEB OF SCIENCE

1. Cerebral palsy* AND posture = 737 results

2. Cerebral palsy* AND tool* OR method* AND posture = 14,237 results
3. (((Cerebral palsy AND "last 12 years"[PDat])) AND (posture AND "last 12 years" [PDat])) = 0 result
4. Cerebral [Title] AND palsy [Title] AND tool [Title] AND posture [Title] = 1 result
5. Cerebral [Title] AND palsy [Title] AND posture [Title] = 4 results
6. Posture [Title] AND tool [Title] AND cerebral [Title] AND palsy [Title] = 1 result
7. ([Cerebral palsy] AND posture) = 751 results
8. Posture AND method* AND "cerebral palsy*" = 399 results
9. Posture AND tool AND "cerebral palsy" = 62 articles
10. "Posture*" AND "cerebral palsy*" = 741 results
11. Posture* = 29,068 articles
12. Cerebral palsy = 16,395 results