Supplemental material

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Supplementary File 1
Search strategy - first stage

<u>UNFORMATTED TERMS -</u> These terms are the relevant free text terms that require formatting/prefixing/suffixing appropriately for searching the relevant database.

Population of Interest –
(Early onset scoliosis
OR early-onset scoliosis
OR infantile scoliosis
OR congenital scoliosis
OR juvenile scoliosis
OR neuromuscular scoliosis
OR syndromic scoliosis)

AND

Construct of Interest –
(Quality of Life
OR quality of life
OR life qualit*
OR living qualit*
OR quality of living
OR Activities of Daily Living
OR activities of daily living
OR activity of daily living
OR activities of daily life
OR activity of daily life
OR daily living activit*
OR daily life activit*
OR adl
OR chronic limitation of activity
OR self care*
OR Health Status
OR health status
OR level of health
OR health level*
OR qol
OR hrql
OR hrqol
OR activity of daily living
OR activities of daily life
OR activity of daily life
OR daily life activit*
OR iadl
OR living qualit*
OR quality of living

OR Activities of Daily Living
OR adl
OR activities of daily living*
OR daily living activit*
OR limitation of activit*
OR activity limitation
OR independent living*
OR iadl*
OR everyday function*
OR functional abilit*
OR daily function*
OR physical function
OR physical function*
OR participat*
OR participation restriction)

Where a database supports searching for MeSH terms, the following terms can be added to separated by OR:

"Life Quality"[MeSH Terms]

"Health-Related Quality Of Life" [MeSH Terms]

"Health Related Quality Of Life" [MeSH Terms]

"HRQOL" [MeSH Terms]

Below are the pre-formatted search blocks for

1) **MEDLINE**
2) **PubMed**
3) **Embase**

1) OVID MEDLINE

("Early onset scoliosis"
OR "early-onset scoliosis"
OR "infantile scoliosis"
OR "congenital scoliosis"
OR "juvenile scoliosis"
OR "neuromuscular scoliosis"
OR "syndromic scoliosis")

AND

(Quality of Life
OR "quality of life"ti,ab.
OR "life qualit*".ti,ab.
OR "living qualit*".ti,ab.
OR "quality of living".ti,ab.
OR "Activities of Daily Living".ti,ab
OR "activities of daily living".ti,ab
OR "activity of daily living".ti,ab
OR "activities of daily life".ti,ab
OR "activity of daily life".ti,ab
OR "daily living activit*".ti,ab
OR "daily life activit*".ti,ab
OR adl.ti,ab
OR "chronic limitation of activity".ti,ab
OR "self care*".ti,ab
OR "Health Status".ti,ab
OR "health status".ti,ab
OR "level of health".ti,ab
OR "health level*".ti,ab
OR qol.ti,ab
OR hrql.ti,ab
OR hrqol.ti,ab
OR "activity of daily living".ti,ab
OR "activities of daily life".ti,ab
OR "activity of daily life".ti,ab
OR "daily life activit*".ti,ab
OR "iadl".ti,ab
OR "living qualit*".ti,ab
OR "quality of living".ti,ab

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OR "Activities of Daily Living".ti,ab
OR adl.ti,ab
OR "activities of daily living*".ti,ab
OR "daily living activit*".ti,ab
OR "limitation of activit*".ti,ab
OR "activity limitation".ti,ab
OR "independent living*".ti,ab
OR iadl.ti,ab

OR "everyday function*".ti,ab
OR "functional abilit*".ti,ab
OR "daily function*".ti,ab
OR "physical function".ti,ab
OR "physical function*".ti,ab
OR "participat*".ti,ab
OR "participation restriction".ti,ab)

2) PubMed

("Early onset scoliosis"
OR "early-onset scoliosis"
OR "infantile scoliosis"
OR "congenital scoliosis"
OR "juvenile scoliosis"
OR "neuromuscular scoliosis"
OR "syndromic scoliosis")

AND

("Quality of Life"[Mesh]
OR "quality of life"[tiab]
OR "life qualit*"[tiab]
OR "living qualit*"[tiab]
OR "quality of living"[tiab]
OR "Activities of Daily Living"[tiab]
OR "activities of daily living"[tiab]
OR "activity of daily living"[tiab]
OR "activities of daily life"[tiab]
OR "activity of daily life"[tiab]
OR "daily living activit*"[tiab]
OR "daily life activit*"[tiab]
OR adl[tiab]
OR "chronic limitation of activity"[tiab]
OR "self care*"[tiab]
OR "Health Status"[tiab]
OR "health status"[tiab]
OR "level of health"[tiab]

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OR "health level*"[tiab]
OR qol[tiab]
OR hrql[tiab]
OR hrqol[tiab]
OR "activity of daily living"[tiab]
OR "activities of daily life"[tiab]
OR "activity of daily life"[tiab]
OR "daily life activit*"[tiab]
OR "iadl"[tiab]
OR "living qualit*"[tiab]
OR "quality of living"[tiab]
OR "Activities of Daily Living"[tiab]
OR adl[tiab]
OR "activities of daily living*"[tiab]
OR "daily living activit*"[tiab]
OR "limitation of activit*"[tiab]
OR "activity limitation"[tiab]
OR "independent living*"[tiab]
OR iadl[tiab]

OR "everyday function*"[tiab]
OR "functional abilit*"[tiab]
OR "daily function*"[tiab]
OR "physical function"[tiab]
OR "physical function*"[tiab]
OR "participat*"[tiab]
OR "participation restriction"[tiab]

3) Embase

('Early onset scoliosis'
OR 'early-onset scoliosis'
OR 'infantile scoliosis'
OR 'congenital scoliosis'
OR 'juvenile scoliosis'
OR 'neuromuscular scoliosis'
OR 'syndromic scoliosis')

AND

'Quality of Life'
OR 'quality of life':ab,ti
OR 'life qualit*':ab,ti
OR 'living qualit*':ab,ti
OR 'quality of living':ab,ti
OR 'Activities of Daily Living':ab,ti
OR 'activities of daily living':ab,ti

OR 'activity of daily living':ab,ti
OR 'activities of daily life':ab,ti
OR 'activity of daily life':ab,ti
OR 'daily living activit*':ab,ti
OR 'daily life activit*':ab,ti
OR adl:ab,ti
OR 'chronic limitation of activity':ab,ti
OR 'self care*':ab,ti
OR 'Health Status':ab,ti
OR 'health status':ab,ti
OR 'level of health':ab,ti
OR 'health level*':ab,ti
OR qol:ab,ti
OR hrql:ab,ti
OR hrqol:ab,ti
OR 'activity of daily living':ab,ti
OR 'activities of daily life':ab,ti
OR 'activity of daily life':ab,ti
OR 'daily life activit*':ab,ti
OR 'iadl':ab,ti
OR 'living qualit*':ab,ti
OR 'quality of living':ab,ti
OR 'Activities of Daily Living':ab,ti
OR adl:ab,ti
OR 'activities of daily living*':ab,ti
OR 'daily living activit*':ab,ti
OR 'limitation of activit*':ab,ti
OR 'activity limitation':ab,ti
OR 'independent living*':ab,ti
OR iadl:ab,ti
OR 'everyday function*':ab,ti
OR 'functional abilit*':ab,ti
OR 'daily function*':ab,ti
OR 'physical function':ab,ti
OR 'physical function*':ab,ti
OR 'participat*':ab,ti
OR 'participation restriction':ab,ti