

Supplementary Table S1. Full search strategies**CINAHL with Full Text via EBSCO (1963+):**

S13	S11 NOT S12
S12	((MH "Child+") OR (MH "Adolescence+")) NOT MH "Adult+"
S11	S7 AND S10
S10	S8 OR S9
S9	(physical-therap* or physiotherap* or rehab* or manipulati* or mobili#ation or bodywork* or massage or manual-therap* or exercis* or movement-therap* or kinesiotherap* or aquatic-therap* or hydrotherap* or hydro-therap* or balneo* or electrotherap* or electro-therap* or electrostimulation or stimulation or TENS or cryotherap* or cold-application* or cold-pack* or ice-pack* or ((induced or interstitial) N1 hyperthermia) or diathermy or ((ultraso* or infrared or ultraviolet or PUVA or heat) N1 therap*) or ((muscle or strength or resistance) N1 training))
S8	(MH "Rehabilitation Patients" OR MH "Rehabilitation" OR MH "Rehabilitation Centers+" OR MH "Home Rehabilitation+" OR MH "Physical Therapy+" OR MH "Physical Therapy Practice, Research-Based" OR MH "Research, Physical Therapy" OR MH "Physical Therapy Practice" OR MH "Physical Therapy Practice, Evidence-Based" OR MH "Physical Therapy Service" OR MH "Physical Therapists")
S7	S3 AND S6
S6	S4 OR S5
S5	TI(thoracic or upper-back) OR AB(thoracic or upper-back)
S4	(MH "Thoracic Vertebrae") OR (MH "Spine" AND (thoracic or upper-back))
S3	S1 OR S2
S2	TI(radiculopath* or polyradicul* or myeloradiculopath* or radiculit* or neuroradiculitis or polyneuroradiculitis or ((nerve or radicular) N2 (pain or disease or injur* or lesion* or trauma* or compression* or avulsion* or inflam* or disorder*))) OR AB(radiculopath* or polyradicul* or myeloradiculopath* or radiculit* or neuroradiculitis or polyneuroradiculitis or ((nerve or radicular) N2 (pain or disease or injur* or lesion* or trauma* or compression* or avulsion* or inflam* or disorder*)))
S1	(MH "Polyradiculoneuritis+")

Cochrane Central Register of Controlled Trials (CCTR) via Ovid (1991+):

#	Query	Results from 28 Jan 2023
1	(radiculopath* or polyradicul* or myeloradiculopath* or radiculit* or neuroradiculitis or polyneuroradiculitis or ((nerve or radicular) adj2 (pain or disease or injur* or lesion* or trauma* or compression* or avulsion* or inflam* or disorder*))).ab,hw,ti.	6,609
2	(thoracic or upper-back).ab,hw,ti.	16,940
3	1 and 2	233
4	(physical-therap* or physiotherap* or rehab* or manipulati* or mobili?ation or bodywork* or massage or manual-therap* or exercis* or movement-therap* or kinesiotherap* or aquatic-therap* or hydrotherap* or hydro-therap* or balneo* or electrotherap* or electro-therap* or electrostimulation or stimulation or TENS or cryotherap* or cold-application* or cold-pack* or ice-pack* or ((induced or interstitial) adj1 hyperthermia) or diathermy or ((ultraso* or infrared or ultraviolet or PUVA or heat) adj1 therap*) or ((muscle or strength or resistance) adj1 training)).ab,hw,ti.	245,044
5	3 and 4	81
6	(child* or p?ediatric* or infan* or newborn* or neonat* or toddler* or preschool* or school-age* or girl* or boy* or adolesc* or teen* or youth).ti.	149,868
7	5 not 6	81

Embase via Ovid (1974+):

#	Query	Results from 27 Jan 2023
1	exp radiculopathy/	42,439
2	(radiculopath* or polyradicul* or myeloradiculopath* or radiculit* or neuroradiculitis or polyneuroradiculitis or ((nerve or radicular) adj2 (pain or disease or injur* or lesion* or trauma* or compression* or avulsion* or inflam* or disorder*))).ab,kf,ti,dq.	81,400
3	exp thoracic spine/ or thoracic disk hernia/ or thoracic spinal cord/ or ((spine/ or vertebra/) and (thoracic or upper-back).ab,kf,ti,dq.)	28,012
4	(thoracic or upper-back).ab,kf,ti,dq.	248,902
5	(1 or 2) and (3 or 4)	3,270
6	exp physiotherapy/ or physiotherapist/ or exp manipulative medicine/ or musculoskeletal manipulation/ or orthopedic manipulation/ or spine manipulation/ or rehabilitation medicine/ or exp kinesiotherapy/ or cryotherapy/ or thermotherapy/ or diathermy/ or ultrasound therapy/ or exp focused ultrasound therapy/ or exp ultraviolet phototherapy/ or resistance training/	319,170
7	(physical-therap* or physiotherap* or rehab* or manipulati* or mobili?ation or bodywork* or massage or manual-therap* or exercis* or movement-therap* or kinesiotherap* or aquatic-therap* or hydrotherap* or hydro-therap* or balneo* or electrotherap* or electro-therap* or electrostimulation or stimulation or TENS or cryotherap* or cold-application* or cold-pack* or ice-pack* or ((induced or interstitial) adj1 hyperthermia) or diathermy or ((ultraso* or infrared or ultraviolet or PUVA or heat) adj1 therap*) or ((muscle or strength or resistance) adj1 training)).ab,kf,ti,dq,hw.	2,327,977
8	or/6-7	2,360,198
9	5 and 8	695
10	exp juvenile/ not exp adult/	2,506,675
11	9 not 10	670

MEDLINE via Ovid (1946+ and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Ovid MEDLINE(R) Daily):

#	Query	Results from 27 Jan 2023
1	Radiculopathy/	5,756
2	(radiculopath* or polyradicul* or myeloradiculopath* or radiculit* or neuroradiculitis or polyneuroradiculitis or ((nerve or radicular) adj2 (pain or disease or injur* or lesion* or trauma* or compression* or avulsion* or inflam* or disorder*))).ab,kf,ti.	59,998
3	Thoracic Vertebrae/ or (Spine/ and (thoracic or upper-back).ab,kf,ti.)	25,382
4	(thoracic or upper-back).ab,kf,ti.	169,725
5	(1 or 2) and (3 or 4)	1,825
6	exp Rehabilitation/ or Physical Therapists/ or diathermy/ or ultrasonic therapy/ or Cryotherapy/ or exp Ultra-violet Therapy/	375,612
7	(physical-therap* or physiotherap* or rehab* or manipulati* or mobili?ation or bodywork* or massage or manual-therap* or exercis* or movement-therap* or kinesiotherap* or aquatic-therap* or hydrotherap* or hydro-therap* or balneo* or electrotherap* or electro-therap* or electrostimulation or stimulation or TENS or cryotherap* or cold-application* or cold-pack* or ice-pack* or ((induced or interstitial) adj1 hyperthermia) or diathermy or ((ultraso* or infrared or ultraviolet or PUVA or heat) adj1 therap*) or ((muscle or strength or resistance) adj1 training)).ab,kf,ti,hw.	1,800,368
8	or/6-7	1,939,380
9	5 and 8	250
10	(exp infant/ or exp child/ or adolescent/) not exp adult/	2,105,161
11	9 not 10	242

Scopus via Elsevier (1788+):

(((TITLE-ABS-KEY (radiculopath* OR polyradicul* OR myeloradiculopath* OR radiculit* OR neuroradiculitis OR polyneuroradiculitis OR ((nerve OR radicular) W/2 (pain OR disease OR injur* OR lesion* OR trauma* OR compression* OR avulsion* OR inflam* OR disorder*)))) AND (TITLE-ABS-KEY (thoracic OR upper-back))) AND (TITLE-ABS-KEY (physical-therap* OR physiotherap* OR rehab* OR manipulati* OR mobilization OR bodywork* OR massage OR manual-therap* OR exercis* OR movement-therap* OR kinesiotherap* OR aquatic-therap* OR hydrotherap* OR hydro-therap* OR balneo* OR electrotherap* OR electro-therap* OR electrostimulation OR stimulation OR tens OR cryotherap* OR cold-application* OR cold-pack* OR ice-pack* OR ((induced OR interstitial) W/1 hyperthermia) OR diathermy OR (ultraso* OR infrared OR ultraviolet OR puva OR heat) W/1 therap*) OR ((muscle OR strength OR resistance) W/1 training)))) AND NOT (TITLE (child* OR pediatric* OR infan* OR newborn* OR neonat* OR toddler* OR preschool* OR school-age* OR girl* OR boy* OR adolesc* OR teen* OR youth))

Web of Science Core Collection via Clarivate Analytics (Science Citation Index Expanded 1975+ & Emerging Sources Citation Index 2015+):

#7	#5 NOT #6
#6	TI=(child* OR pediatric* OR infan* OR newborn* OR neonat* OR toddler* OR preschool* OR school-age* OR girl* OR boy* OR adolesc* OR teen* OR youth)
#5	#3 AND #4
#4	(((((TS=(physical-therap* OR physiotherap* OR rehab* OR manipulati* OR mobilization OR bodywork* OR massage OR manual-therap* OR exercis* OR movement-therap* OR kinesiotherap* OR aquatic-therap* OR hydrotherap* OR hydro-therap* OR balneo* OR electro-therap* OR electro-therap* OR electrostimulation OR stimulation OR tens OR cryotherap* OR cold-application* OR cold-pack* OR ice-pack*))) OR TS=((induced OR interstitial) NEAR/1 hyperthermia)) OR TS=(diathermy)) OR TS=((ultraso* OR infrared OR ultraviolet OR puva OR heat) NEAR/1 therap*)) OR TS=((muscle OR strength OR resistance) NEAR/1 training)
#3	#1 AND #2
#2	thoracic OR upper-back (Topic)
#1	radiculopath* OR polyradicul* OR myeloradiculopath* OR radiculit* OR neuroradiculitis OR polyneuroradiculitis (Topic) or (nerve OR radicular) NEAR/2 (pain OR disease OR injur* OR lesion* OR trauma* OR compression* OR avulsion* OR inflam* OR disorder*) (Topic)