

Appendix 2

Draft Search Strategy

Dates of coverage and database	Query	Retrieved records
09/21/22 CINAHL	1. MH (pain management or pain relief or pain control or pain reduction or managing pain or analgesia) OR TI (pain management or pain relief or pain control or pain reduction or managing pain or analgesia) OR AB (pain management or pain relief or pain control or pain reduction or managing pain or analgesia)	84,304
	2. MH (pain assessment or pain scale or pain tool or pain assessment tool or pain instrument or pain intervention or pain measurement) OR TI (pain assessment or pain scale or pain tool or pain assessment tool or pain instrument or pain intervention or pain measurement) OR AB (pain assessment or pain scale or pain tool or pain assessment tool or pain instrument or pain intervention or pain measurement)	75,339
	3. 1 OR 2	133,679
	4. MH (integrative medicine or complementary medicine or alternative medicine) OR TI (integrative medicine or complementary medicine or alternative medicine) OR AB (integrative medicine or complementary medicine or alternative medicine)	16,007
	5. MH (integrative therapy or integrative therapies or complementary therapy or complementary therapies or alternative therapy or alternative therapies or alternative treatment) OR TI (integrative therapy or integrative therapies or complementary therapy or complementary therapies or alternative therapy or alternative therapies or alternative treatment) OR AB (integrative therapy or integrative therapies or complementary therapy or complementary therapies or alternative therapy or alternative therapies or alternative treatment)	60,250
	6. MH (non- pharmacological intervention or non-pharmacological interventions or non-pharmacological therapy or non-pharmacological therapies or non-pharmacological treatment) OR TI (non- pharmacological intervention or	3,068

	non-pharmacological interventions or non-pharmacological therapy or non-pharmacological therapies or non-pharmacological treatment) OR AB (non- pharmacological intervention or non-pharmacological interventions or non-pharmacological therapy or non-pharmacological therapies or non-pharmacological treatment)	
	7. MH (aromatherapy or essential oils or aroma therapy) OR TI (aromatherapy or essential oils or aroma therapy) OR AB (aromatherapy or essential oils or aroma therapy	7,565
	8. MH (acupuncture or acupuncture therapy or acupuncture treatment) OR TI (acupuncture or acupuncture therapy or acupuncture treatment) OR AB (acupuncture or acupuncture therapy or acupuncture treatment)	20,538
	9. MH acupuncture, ear OR TI acupuncture, ear OR AB acupuncture, ear	590
	10. MH (mind body techniques or mind-body therapies) OR TI (mind body techniques or mind-body therapies) OR AB (mind body techniques or mind-body therapies)	3,952
	11. MH (breathing techniques or breathing or breathing exercise) OR TI (breathing techniques or breathing or breathing exercise) OR AB (breathing techniques or breathing or breathing exercise)	20,189
	12. MH (guided imagery for pain management or guided image therapy or guided images therapies) OR TI (guided imagery for pain management or guided image therapy or guided images therapies) OR AB (guided imagery for pain management or guided image therapy or guided images therapies)	646
	13. MH (guided imagery or guided relaxation or visualization techniques) OR TI (guided imagery or guided relaxation or visualization techniques) OR AB (guided imagery or guided relaxation or visualization techniques)	4,120
	14. MH (hypnosis or hypnotherapy) OR TI (hypnosis or hypnotherapy) OR AB (hypnosis or hypnotherapy)	4,011

	15. MH (biofeedback or biofeedback therapy) OR TI (biofeedback or biofeedback therapy) OR AB (biofeedback or biofeedback therapy)	4,994
	16. MH (music therapy or music intervention or musical therapy or music-based intervention or therapeutic music) OR TI (music therapy or music intervention or musical therapy or music-based intervention or therapeutic music) OR AB (music therapy or music intervention or musical therapy or music-based intervention or therapeutic music)	7,558
	17. MH (progressive muscle relaxation or muscle relaxation) OR TI (progressive muscle relaxation or muscle relaxation) OR AB (progressive muscle relaxation or muscle relaxation)	2,299
	18. MH (sleep therapy or sleep) OR TI (sleep therapy or sleep) OR AB (sleep therapy or sleep)	77,183
	19. MH (massage therapy or massage or massage therapies) OR TI (massage therapy or massage or massage therapies) OR AB (massage therapy or massage or massage therapies)	21,418
	20. MH (physical therapy or physiotherapy) OR TI (physical therapy or physiotherapy) OR AB (physical therapy or physiotherapy)	61,296
	21. 4 OR 5 OR 6 OR 7 OR 8 OR 9 OR 10 OR 11 OR 12 OR 13 OR 14 OR15 OR S16 OR 17 OR 18 OR 19 OR 20	277,529
	22. MH (pediatric intensive care unit or picu or pediatric critical care unit or paediatric intensive care or paediatric critical care) OR TI (pediatric intensive care unit or picu or pediatric critical care unit or paediatric intensive care or paediatric critical care) OR AB (pediatric intensive care unit or picu or pediatric critical care unit or paediatric intensive care or paediatric critical care)	9,239
	23. MH intensive care units, pediatric OR TI intensive care units, pediatric OR AB intensive care units, pediatric	8,949

	24. 22 OR 23	11,491
	25. 3 AND 21 AND 24	38

Dates of coverage and database	Query	Retrieved records
09/21/22 MEDLINE (PubMed)	1. "pain management"[MeSH Terms] OR "pain management"[Text Word] OR "pain relief"[Text Word] OR "pain control"[Text Word] OR "pain reduction"[Text Word] OR "managing pain"[Text Word] OR "analgesia"[MeSH Terms] OR "analgesia"[Text Word]	177,128
	2. "pain measurement"[MeSH Terms] OR "pain assessment"[Text Word] OR "pain measurement"[MeSH Terms] OR "pain scale"[Text Word] OR "pain tool"[Text Word] OR "pain assessment tool"[Text Word] OR "pain instrument"[Text Word] OR "pain intervention"[Text Word] OR "pain measurement"[MeSH Terms] OR "pain measurement"[Text Word]	101,025
	3. 1 OR 2	246,193
	4. "integrative medicine"[MeSH Terms] OR "integrative medicine"[Text Word] OR "complementary therapies"[MeSH Terms] OR "complementary medicine"[Text Word] OR "complementary therapies"[MeSH Terms] OR "alternative medicine"[Text Word] OR "integrative therapy"[Text Word] OR "integrative therapies"[Text Word] OR "complementary therapy"[Text Word] OR "complementary therapies"[MeSH Terms] OR "complementary therapies"[Text Word] OR "alternative therapy"[Text Word] OR "complementary therapies"[MeSH Terms] OR "alternative therapies"[Text Word] OR "alternative treatment"[Text Word]	274,042
	5. "nonpharmacological intervention"[Text Word] OR "nonpharmacological interventions"[Text Word] OR "nonpharmacological therapy"[Text Word] OR "nonpharmacological therapies"[Text Word] OR "nonpharmacological treatment"[Text Word]	5,292

6.	"aromatherapy"[MeSH Terms] OR "aromatherapy"[Text Word] OR "oils, volatile"[MeSH Terms] OR "essential oils"[Text Word] OR "aromatherapy"[MeSH Terms] OR "aroma therapy"[Text Word]	23,007
7.	"acupuncture"[MeSH Terms] OR "acupuncture therapy"[MeSH Terms] OR "acupuncture"[Text Word] OR "acupuncture therapy"[MeSH Terms] OR "acupuncture therapy"[Text Word] OR "acupuncture treatment"[Text Word] OR "acupuncture, ear"[MeSH Terms] OR "acupuncture ear"[Text Word]	35,397
8.	"mind body techniques"[Text Word] OR "mind body therapies"[MeSH Terms] OR "mind body therapies"[Text Word]	<u>46,477</u>
9.	"breathing techniques"[Text Word] OR "breathing exercises"[MeSH Terms] OR "breathing exercise"[Text Word]	<u>4,632</u>
10.	"guided imagery intervention"[Text Word] OR "guided imagery interventions"[Text Word] OR "imagery, psychotherapy"[MeSH Terms] OR "guided imagery"[Text Word] OR "guided relaxation"[Text Word]	2,746
11.	"hypnosis"[MeSH Terms] OR "hypnosis"[Text Word] OR "hypnotherapy"[Text Word]	15,942
12.	"biofeedback, psychology"[MeSH Terms] OR "biofeedback"[Text Word] OR "biofeedback therapy"[Text Word]	<u>16,054</u>
13.	"music therapy"[MeSH Terms] OR "music therapy"[Text Word] OR "music intervention"[Text Word] OR "musical therapy"[Text Word] OR "music based intervention"[Text Word] OR "therapeutic music"[Text Word]	5,367
14.	"progressive muscle relaxation"[Text Word] OR "muscle relaxation"[MeSH Terms] OR "muscle relaxation"[Text Word]	<u>35,626</u>
15.	"sleep therapy"[Text Word] OR "sleep"[MeSH Terms] OR "sleep"[Text Word]	<u>232,994</u>

	16. "massage therapy"[Text Word] OR "massage"[Text Word] OR "massage therapies"[Text Word]	16,186
	17. "physical therapy modalities"[MeSH Terms] OR "physical therapy"[Text Word] OR "physical therapy modalities"[MeSH Terms] OR "physiotherapy"[Text Word]	200,591
	18. 4 OR 5 OR 6 OR 7 OR 8OR 9 OR 10 OR 11 OR 12 OR 13 OR 14 OR 15 OR 16 OR 17	746,903
	19. "pediatric intensive care unit"[Text Word] OR "picu"[Text Word] OR "pediatric critical care unit"[Text Word] OR "paediatric critical care"[Text Word] OR "intensive care units, pediatric"[MeSH Terms]	31,624
	20. 3 AND 18 AND 19	63

Dates of coverage and database	Query	Retrieved records
09/14/22 ACADEMIC SEARCH PREMIER	1. (pain management) OR (DE "PAIN management" OR DE "DRY needling" OR DE "PAIN measurement" OR DE "BRIEF Pain Inventory" OR DE "MCGILL Pain Questionnaire")	81,825
	2. DE "ALTERNATIVE medicine" OR DE "ACUPUNCTURE" OR DE "ALTERNATIVE treatment" OR DE "BOTANIC medicine" OR DE "CHIROPRACTIC" OR DE "CHRONOTHERMAL medicine" OR DE	38,185

	"DRY needling" OR DE "ENERGY medicine" OR DE "HOLISTIC medicine" OR DE "HOMEOPATHY" OR DE "MENTAL healing" OR DE "NATUROPATHY"	
	3. DE "PEDIATRIC intensive care" OR ""PEDIATRIC intensive care units" OR PICU	10,655
	4. 1 AND 2 AND 3	1

Dates of coverage and database	Query	Retrieved records
10/03/22 COCHRANE	1. ("pain"):ti,ab,kw OR ("pain assessment"):ti,ab,kw	215514
	2. ("integrative medicine"):ti,ab,kw OR ("complementary medicine"):ti,ab,kw OR ("alternative medicine"):ti,ab,kw	4013
	3. ("non-pharmacological"):ti,ab,kw AND ("therapies"):ti,ab,kw OR ("treatment"):ti,ab,kw OR ("intervention"):ti,ab,kw	1147812
	4. ("aromatherapies"):ti,ab,kw OR ("essential oil"):ti,ab,kw	2174
	5. ("acupuncture"):ti,ab,kw OR ("acupuncture analgesia"):ti,ab,kw	17333
	6. ("mind body"):ti,ab,kw OR ("mind body medicine"):ti,ab,kw OR ("mind body therapies"):ti,ab,kw	1248
	7. ("breathing"):ti,ab,kw	34728
	8. ("guided imagery"):ti,ab,kw	806

9.	("hypnotherapy"):ti,ab,kw	380
10.	("biofeedback"):ti,ab,kw OR ("biofeedback training"):ti,ab,kw	3897
11.	("music therapy"):ti,ab,kw	2613
12.	("progressive muscle relaxation"):ti,ab,kw OR ("progressive muscle relaxation training"):ti,ab,kw	820
13.	("sleep"):ti,ab,kw	46268
14.	("massage therapy"):ti,ab,kw	875
15.	("physical therapy"):ti,ab,kw OR ("physical therapy	11504
16.	("pediatric intensive care unit"):ti,ab,kw OR ("paediatric intensive care"):ti,ab,kw OR ("paediatric intensive care unit"):ti,ab,kw OR ("paediatric intensive care units"):ti,ab,kw	1095
17.	1 AND 2 OR 3 OR 4 OR 5 OR 6 OR 7 OR 8 OR9 OR 10 OR 11 OR 12 OR 13 OR 14 OR 15 AND 16	0
18.	1 AND 3 AND 16	46
19.	1 AND 7 AND 16	10
20.	1 AND 11 AND 16	2
21.	1 AND 13 AND 16	5
22.	1 AND 15 AND 16	1

	23. 1 AND 3 AND 16 OR 1 AND 7 AND 16 OR 1 AND 11 AND 16 OR 1 AND 13 AND 16 OR 1 AND 15 AND 16	47
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Dates of coverage and database	Query	Retrieved records
10/23/22 EMBASE	1. pain'/exp OR 'pain' OR 'analgesia'/exp OR 'analgesia'	2062548
	2. 'integrative medicine'/exp OR 'integrative medicine' OR 'alternative medicine'/exp OR 'alternative medicine' OR 'aromatherapy'/exp OR 'aromatherapy' OR 'essential oil'/exp OR 'essential oil' OR 'acupuncture'/exp OR 'acupuncture' OR 'auricular acupuncture'/exp OR 'auricular acupuncture' OR 'breathing exercise'/exp OR 'breathing exercise' OR 'guided imagery'/exp OR 'guided imagery' OR 'hypnosis'/exp OR 'hypnosis' OR 'biofeedback'/exp OR 'biofeedback' OR 'music therapy'/exp OR 'music therapy' OR 'muscle relaxation'/exp OR 'muscle relaxation' OR 'sleep quality'/exp OR 'sleep quality' OR 'massage'/exp OR 'massage' OR 'physiotherapy'/exp OR 'physiotherapy' OR	255690
	3. 'pediatric intensive care unit'/exp OR 'pediatric intensive care unit'	22687
	4. 1 AND 2 AND 3	33

Dates of coverage and database	Query	Retrieved records
10/23/22 LILACS	1. "DOR" or "avaliacao da DOR" or "escala analogica da DOR" or "escala analogica visual de DOR" or "intensidade da DOR" or "limiar da DOR" or "manejo da DOR" or "medicao da DOR" or "percepcao da DOR" or "unidades de alivio da DOR" or "DOR aguda" or "DOR cronica" [Descritor de assunto]	5862

	2. "TERAPIAS COMPLEMENTARES" or "TERAPIAS COMPLEMENTARES e integrativas" [Descritor de assunto]	1429
	3. "unidade de terapia intensiva pediatria" [Descritor de assunto]	767
	4. 1 and 2 and 3	0

Dates of coverage and database	Query	Retrieved records
SCIENCE DIRECT	1. Title, abstract, keyword: pain	232,587
	2. Title, abstract, keyword: complementary and alternative medicine	3342
	3. Title, abstract, keyword: integrative medicine	6951
	4. pediatric intensive care unit	3787
	1 AND 2 OR 3 AND 4	267

Dates of coverage and database	Query	Retrieved records
09/23/22 SCOPUS	1. TITLE(“Pain Management” OR “Pain Relief “OR “Pain Control” OR “Pain Reduction” OR “Managing Pain” OR Analgesia) OR ABS(“Pain Management” OR “Pain Relief” OR “Pain Control” OR “Pain Reduction” OR “Managing Pain” OR Analgesia) OR TITLE-ABS-KEY(Pain Management OR Pain Relief OR Pain Control OR “Pain Reduction” OR “Managing Pain” OR Analgesia)	(344,701)
	2. TITLE(“Pain Assessment” OR “Pain Scale” OR “Pain Tool” OR “Pain Assessment Tool” OR “Pain Instrument” OR “Pain Intervention” OR “Pain Measurement”) OR ABS(“Pain Assessment” OR “Pain Scale” OR “Pain Tool” OR “Pain Assessment Tool” OR “Pain Instrument” OR “Pain Intervention” OR “Pain Measurement”) OR TITLE-ABS-KEY(“Pain Assessment” OR “Pain Scale” OR “Pain Tool” OR “Pain Assessment Tool” OR “Pain Instrument” OR “Pain Intervention” OR “Pain Measurement”)	(145,947)
	3. 1 OR 2	(423,690)
	4. TITLE(“Integrative Medicine” OR “Complementary Medicine” OR “Alternative Medicine”) OR ABS(“Integrative Medicine” OR “Complementary Medicine” OR “Alternative Medicine”) OR TITLE-ABS-KEY(“Integrative Medicine” OR “Complementary Medicine” OR “Alternative Medicine”)	(58,538)
	5. TITLE(“Integrative Therapy” OR “Integrative Therapies” OR “Complementary Therapy” OR “Complementary Therapies” OR “Alternative Therapy” OR “Alternative Therapies” OR “Alternative Treatment”) OR ABS(“Integrative Therapy” OR “Integrative Therapies” OR “Complementary Therapy” OR “Complementary Therapies” OR “Alternative Therapy” OR “Alternative Therapies” OR “Alternative Treatment”) OR TITLE-ABS-KEY(“Integrative Therapy” OR “Integrative Therapies” OR “Complementary Therapy” OR “Complementary Therapies” OR “Alternative Therapy” OR “Alternative Therapies” OR “Alternative Treatment”)	(59,454)

	6. TITLE(“Non-pharmacological Intervention” OR “Non-pharmacological Interventions” OR “Non-pharmacological Therapy” OR “Non-pharmacological Therapies” OR “Non-pharmacological Treatment”) OR ABS(“Non-pharmacological Intervention” OR “Non-pharmacological Interventions” OR “Non-pharmacological Therapy” OR “Non-pharmacological Therapies” OR “Non-pharmacological Treatment”) OR TITLE-ABS-KEY(“Non-pharmacological Intervention” OR “Non-pharmacological Interventions” OR “Non-pharmacological Therapy” OR “Non-pharmacological Therapies” OR “Non-pharmacological Treatment”)	(7,752)
	7. TITLE(Aromatherapy OR “Essential Oils” OR Aroma therapy) OR ABS(Aromatherapy OR “Essential Oils” OR Aroma therapy) OR TITLE-ABS-KEY(Aromatherapy OR “Essential Oils” OR Aroma therapy)	(3.885)
	8. TITLE(“Acupuncture” OR “Acupuncture Therapy” OR “Acupuncture Treatment”) OR ABS (“Acupuncture” OR “Acupuncture Therapy” OR “Acupuncture Treatment”) OR TITLE-ABS-KEY(“Acupuncture” OR “Acupuncture Therapy” OR “Acupuncture Treatment”)	(52,587)
	9. TITLE(“Acupuncture, Ear”) OR ABS(“Acupuncture, Ear”) OR TITLE-ABS-KEY(“Acupuncture, Ear”)	(452)
	10. TITLE(“Mind Body Techniques” OR “Mind-body Therapies”) OR ABS(“Mind Body Techniques” OR “Mind-body Therapies”) OR TITLE-ABS-KEY(“Mind Body Techniques” OR “Mind-body Therapies”)	(1.625)
	11. TITLE(“Breathing Techniques”OR Breathing OR “Breathing Exercise”) OR ABS(“Breathing Techniques”OR Breathing OR “Breathing Exercise”) OR TITLE-ABS-KEY(“Breathing Techniques”OR Breathing OR “Breathing Exercise”)	(279.806)
	12. TITLE(“Guided Imagery for Pain Management” OR “Guided Image Therapy” OR “Guided Images Therapies”) OR ABS(“Guided Imagery for Pain Management” OR “Guided Image Therapy” OR “Guided Images Therapies”) OR TITLE-ABS-KEY(“Guided Imagery for Pain Management” OR “Guided Image Therapy” OR “Guided Images Therapies”)	4
	13. TITLE(“Guided Imagery” OR “Guided Relaxation” OR “Visualization Techniques”) OR ABS(“Guided Imagery” OR “Guided Relaxation” OR “Visualization Techniques”) OR TITLE-ABS-KEY(“Guided Imagery” OR “Guided Relaxation” OR “Visualization Techniques”)	17,176

	14. TITLE(Hypnosis OR Hypnotherapy) OR ABS(Hypnosis OR Hypnotherapy) OR TITLE-ABS-KEY(Hypnosis OR Hypnotherapy)	22,266
	15. TITLE(Biofeedback OR “Biofeedback Therapy”) OR ABS(Biofeedback OR “Biofeedback Therapy”) OR TITLE-ABS-KEY(Biofeedback OR “Biofeedback Therapy”)	17,108
	16. TITLE(“Music Therapy” OR “Music Intervention” OR “Musical Therapy” OR “Music-based Intervention” OR “Therapeutic Music”) OR ABS(“Music Therapy” OR “Music Intervention” OR “Musical Therapy” OR “Music-based Intervention” OR “Therapeutic Music”) OR TITLE-ABS-KEY(“Music Therapy” OR “Music Intervention” OR “Musical Therapy” OR “Music-based Intervention” OR “Therapeutic Music”)	11,454
	17. TITLE(“Progressive Muscle Relaxation” OR “Muscle Relaxation”) OR ABS(“Progressive Muscle Relaxation” OR “Muscle Relaxation”) OR TITLE-ABS-KEY(“Progressive Muscle Relaxation” OR “Muscle Relaxation”)	34,970
	18. TITLE(“Sleep Therapy” OR Sleep) OR ABS(“Sleep Therapy” OR Sleep) OR TITLE-ABS-KEY(“Sleep Therapy” OR Sleep)	340,832
	19. TITLE(“Massage Therapy” OR Massage OR “Massage Therapies”) OR ABS(“Massage Therapy” OR Massage OR “Massage Therapies”) OR TITLE-ABS-KEY(“Massage Therapy” OR Massage OR “Massage Therapies”)	28,624
	20. TITLE(“Physical Therapy” OR Physiotherapy) OR ABS(“Physical Therapy” OR Physiotherapy) OR TITLE-ABS-KEY(“Physical Therapy” OR Physiotherapy)	129,632
	21. 4 OR 5 OR 6 OR 7 OR 8 OR 9 OR 10 OR 11 OR 12 OR 13 OR 14 OR 15 OR 16 OR 17 OR 18 OR 19 OR 20	937,453
	22. TITLE(“Pediatric Intensive Care Unit” OR PICU OR “Pediatric Critical Care Unit” OR “Paediatric Intensive Care” OR “Paediatric Critical Care”) OR ABS(“Pediatric Intensive Care Unit” OR PICU OR “Pediatric Critical Care Unit” OR “Paediatric Intensive Care” OR “Paediatric Critical Care”) OR TITLE-ABS-KEY(“Pediatric Intensive Care Unit” OR PICU OR “Pediatric Critical Care Unit” OR “Paediatric Intensive Care” OR “Paediatric Critical Care”)	20,379

	23. TITLE(“Intensive Care Units, Pediatric”) OR ABS(“Intensive Care Units, Pediatric”) OR TITLE-ABS-KEY(“Intensive Care Units, Pediatric”)	8,226
	24. 22 OR 23	22,008
	25. 3 AND 21 AND 24	31

Dates of coverage and database	Query	Retrieved records
09/21/22 WEB OF SCIENCE	1. TS= (pain management or pain relief or pain control or pain reduction or managing pain or analgesia) OR TI= (pain management or pain relief or pain control or pain reduction or managing pain or analgesia) OR AB= (pain management or pain relief or pain control or pain reduction or managing pain or analgesia)	(376,576)
	2. TS= (pain assessment or pain scale or pain tool or pain assessment tool or pain instrument or pain intervention or pain measurement) OR TI= (pain assessment or pain scale or pain tool or pain assessment tool or pain instrument or pain intervention or pain measurement) OR AB= (pain assessment or pain scale or pain tool or pain assessment tool or pain instrument or pain intervention or pain measurement)	(241,031)
	3. 1 OR 2	(475,359)
	4. TS= (integrative medicine or complementary medicine or alternative medicine) OR TI= (integrative medicine or complementary medicine or alternative medicine) OR AB= (Integrative medicine or complementary medicine or alternative medicine)	(51,961)

	5. TS= (integrative therapy or integrative therapies or complementary therapy or complementary therapies or alternative therapy or alternative therapies or alternative treatment) OR TI= (integrative therapy or integrative therapies or complementary therapy or complementary therapies or alternative therapy or alternative therapies or alternative treatment) OR AB= (Integrative therapy or integrative therapies or complementary therapy or complementary therapies or alternative therapy or alternative therapies or alternative treatment)	(288,290)
	6. TS= (non- pharmacological intervention or non-pharmacological interventions or non-pharmacological therapy or non-pharmacological therapies or non-pharmacological treatment) OR TI= (non- pharmacological intervention or non-pharmacological interventions or non-pharmacological therapy or non-pharmacological therapies or non-pharmacological treatment) OR AB= (non- pharmacological intervention or non-pharmacological interventions or non-pharmacological therapy or non-pharmacological therapies or non-pharmacological treatment)	(12,420)
	7. TS= (aromatherapy or essential oils or aroma therapy) OR TI= (aromatherapy or essential oils or aroma therapy) OR AB= (aromatherapy or essential oils or aroma therapy)	(86,864)
	8. TS= (acupuncture or acupuncture therapy or acupuncture treatment) OR TI= (acupuncture or acupuncture therapy or acupuncture treatment) OR AB= (acupuncture or acupuncture therapy or acupuncture treatment)	(25,368)
	9. TS= (acupuncture, ear) OR TI= (acupuncture, ear) OR AB= (acupuncture, ear)	(547)
	10. TS= (mind body techniques or mind-body therapies) OR TI= (mind body techniques or mind-body therapies) OR AB= (mind body techniques or mind-body therapies)	(2,430)
	11. TS= (breathing techniques or breathing or breathing exercise) OR TI= (breathing techniques or breathing or breathing exercise) OR AB= (breathing techniques or breathing or breathing exercise)	(99,065)
	12. TS= (guided imagery for pain management or guided image therapy or guided images therapies) OR TI= (guided imagery for pain management or guided image therapy or guided images therapies) OR AB= (guided imagery for pain management or guided image therapy or guided images therapies)	(22,227)

	13. TS= (guided imagery or guided relaxation or visualization techniques) OR TI= (guided imagery or guided relaxation or visualization techniques) OR AB= (guided imagery or guided relaxation or visualization techniques)	(68,289)
	14. TS= (hypnosis or hypnotherapy) OR TI= (hypnosis or hypnotherapy) OR AB= (hypnosis or hypnotherapy)	(10,831)
	15. TS= (biofeedback or biofeedback therapy) OR TI= (biofeedback or biofeedback therapy) OR AB= (biofeedback or biofeedback therapy)	(12,661)
	16. TS= (music therapy or music intervention or musical therapy or music-based intervention or therapeutic music) OR TI= (music therapy or music intervention or musical therapy or music-based intervention or therapeutic music) OR AB= (music therapy or music intervention or musical therapy or music-based intervention or therapeutic music)	(11,018)
	17. TS= (progressive muscle relaxation or muscle relaxation) OR TI= (progressive muscle relaxation or muscle relaxation) OR AB= (progressive muscle relaxation or muscle relaxation)	(33,638)
	18. TS= (sleep therapy or sleep) OR TI= (sleep therapy or sleep) OR AB= (sleep therapy or sleep)	(293,420)
	19. TS= (massage therapy or massage or massage therapies) OR TI= (massage therapy or massage or massage therapies) OR AB= (massage therapy or massage or massage therapies)	(11,659)
	20. TS= (physical therapy or physiotherapy) OR TI= (physical therapy or physiotherapy) OR AB= (physical therapy or physiotherapy)	(121,548)
	21. 4 OR 5 OR 6 OR 7 OR 8 OR 9 OR 10 OR 11 OR 12 OR 13 OR 14 OR 15 OR 16 OR 17 OR 18 OR 19 OR 20	(1,058,477)
	22. TS= (pediatric intensive care unit or picu or pediatric critical care unit or paediatric intensive care or paediatric critical care) OR TI= (pediatric intensive care unit or picu or pediatric critical care unit or paediatric intensive care or paediatric critical care) OR AB= (pediatric intensive care unit or picu or pediatric critical care unit or paediatric intensive care or paediatric critical care)	(21,834)

	23. TS= (intensive care units, pediatric) OR TI= (intensive care units, pediatric) OR AB= (intensive care units, pediatric)	(14,677)
	24. 22 OR 23	(21,834)
	25. 3 AND 21 AND 24	(137)

Dates of coverage and database	Query	Retrieved records
09/26/22 Catálogo de Teses e Dissertações (CAPES)	1. (“Pain Management” OR “Pain Relief“OR “Pain Control” OR “Pain Reduction” OR “Managing Pain” OR Analgesia) OR (“Pain Management” OR “Pain Relief” OR “Pain Control” OR “Pain Reduction” OR “Managing Pain” OR Analgesia) OR(Pain Management OR Pain Relief OR Pain Control OR “Pain Reduction” OR “Managing Pain” OR Analgesia)	47.919
	2. (“Pain Assessment” OR “Pain Scale” OR “Pain Tool” OR “Pain Assessment Tool” OR “Pain Instrument” OR “Pain Intervention” OR “Pain Measurement”) OR (“Pain Assessment” OR “Pain Scale” OR “Pain Tool” OR “Pain Assessment Tool” OR “Pain Instrument” OR “Pain Intervention” OR “Pain Measurement”) OR (“Pain Assessment” OR “Pain Scale” OR “Pain Tool” OR “Pain Assessment Tool” OR “Pain Instrument” OR “Pain Intervention” OR “Pain Measurement”)	17.688
	3. 1 OR 2	60.914
	4. (“Integrative Medicine” OR “Complementary Medicine” OR “Alternative Medicine”) OR (“Integrative Medicine” OR “Complementary Medicine” OR “Alternative Medicine”) OR (“Integrative Medicine” OR “Complementary Medicine” OR “Alternative Medicine”)	5.309

	5. (“Integrative Therapy” OR “Integrative Therapies” OR “Complementary Therapy” OR “Complementary Therapies” OR “Alternative Therapy” OR “Alternative Therapies” OR “Alternative Treatment”) OR (“Integrative Therapy” OR “Integrative Therapies” OR “Complementary Therapy” OR “Complementary Therapies” OR “Alternative Therapy” OR “Alternative Therapies” OR “Alternative Treatment”) OR (“Integrative Therapy” OR “Integrative Therapies” OR “Complementary Therapy” OR “Complementary Therapies” OR “Alternative Therapy” OR “Alternative Therapies” OR “Alternative Treatment”)	14.345
	6. (“Non-pharmacological Intervention” OR “Non-pharmacological Interventions” OR “Non-pharmacological Therapy” OR “Non-pharmacological Therapies” OR “Non-pharmacological Treatment”) OR (“Non-pharmacological Intervention” OR “Non-pharmacological Interventions” OR “Non-pharmacological Therapy” OR “Non-pharmacological Therapies” OR “Non-pharmacological Treatment”) OR (“Non-pharmacological Intervention” OR “Non-pharmacological Interventions” OR “Non-pharmacological Therapy” OR “Non-pharmacological Therapies” OR “Non-pharmacological Treatment”)	20.398
	7. (Aromatherapy OR “Essential Oils” OR Aroma therapy) OR (Aromatherapy OR “Essential Oils” OR Aroma therapy) OR (Aromatherapy OR “Essential Oils” OR Aroma therapy)	8.734
	8. (“Acupuncture” OR “Acupuncture Therapy” OR “Acupuncture Treatment”) OR (“Acupuncture” OR “Acupuncture Therapy” OR “Acupuncture Treatment”) OR (“Acupuncture” OR “Acupuncture Therapy” OR “Acupuncture Treatment”)	11.097
	9. (“Acupuncture, Ear”) OR (“Acupuncture, Ear”) OR (“Acupuncture, Ear”)	468
	10. (“Mind Body Techniques” OR “Mind-body Therapies”) OR (“Mind Body Techniques” OR “Mind-body Therapies”) OR (“Mind Body Techniques” OR “Mind-body Therapies”)	8.897
	11. (“Breathing Techniques”OR Breathing OR “Breathing Exercise”) OR (“Breathing Techniques”OR Breathing OR “Breathing Exercise”) OR (“Breathing Techniques”OR Breathing OR “Breathing Exercise”)	12.400
	12. (“Guided Imagery for Pain Management” OR “Guided Image Therapy” OR “Guided Images Therapies”) OR (“Guided Imagery for Pain Management” OR “Guided Image Therapy” OR “Guided Images Therapies”) OR (“Guided Imagery for Pain Management” OR “Guided Image Therapy” OR “Guided Images Therapies”)	63.039

	13. (“Guided Imagery” OR “Guided Relaxation” OR “Visualization Techniques”) OR (“Guided Imagery” OR “Guided Relaxation” OR “Visualization Techniques”) OR (“Guided Imagery” OR “Guided Relaxation” OR “Visualization Techniques”)	3.632
	14. (Hypnosis OR Hypnotherapy) OR (Hypnosis OR Hypnotherapy) OR (Hypnosis OR Hypnotherapy)	19
	15. (Biofeedback OR “Biofeedback Therapy”) OR (Biofeedback OR “Biofeedback Therapy”) OR (Biofeedback OR “Biofeedback Therapy”)	5.433
	16. (“Music Therapy” OR “Music Intervention” OR “Musical Therapy” OR “Music-based Intervention” OR “Therapeutic Music”) OR (“Music Therapy” OR “Music Intervention” OR “Musical Therapy” OR “Music-based Intervention” OR “Therapeutic Music”) OR (“Music Therapy” OR “Music Intervention” OR “Musical Therapy” OR “Music-based Intervention” OR “Therapeutic Music”)	25.370
	17. (“Progressive Muscle Relaxation” OR “Muscle Relaxation”) OR (“Progressive Muscle Relaxation” OR “Muscle Relaxation”) OR (“Progressive Muscle Relaxation” OR “Muscle Relaxation”)	2.847
	18. (“Sleep Therapy” OR Sleep) OR (“Sleep Therapy” OR Sleep) OR (“Sleep Therapy” OR Sleep)	13.033
	19. (“Massage Therapy” OR Massage OR “Massage Therapies”) OR (“Massage Therapy” OR Massage OR “Massage Therapies”) OR (“Massage Therapy” OR Massage OR “Massage Therapies”)	5.587
	20. (“Physical Therapy” OR Physiotherapy) OR (“Physical Therapy” OR Physiotherapy) OR (“Physical Therapy” OR Physiotherapy)	13.679
	21. 4 OR 5 OR 6 OR 7 OR 8 OR 9 OR 10 OR 11 OR 12 OR 13 OR 14 OR 15 OR 16 OR 17 OR 18 OR 19 OR 20	120.654

	22. (“Pediatric Intensive Care Unit” OR PICU OR “Pediatric Critical Care Unit” OR “Paediatric Intensive Care” OR “Paediatric Critical Care”) OR (“Pediatric Intensive Care Unit” OR PICU OR “Pediatric Critical Care Unit” OR “Paediatric Intensive Care” OR “Paediatric Critical Care”) OR (“Pediatric Intensive Care Unit” OR PICU OR “Pediatric Critical Care Unit” OR “Paediatric Intensive Care” OR “Paediatric Critical Care”)	21.859
	23. (“Intensive Care Units, Pediatric”) OR (“Intensive Care Units, Pediatric”) OR (“Intensive Care Units, Pediatric”)	16.055
	24. 22 OR 23	22.946

Dates of coverage and database	Query	Retrieved records
11/05/22 DART-E	1. pain	547
	2. “"complementary therapies" OR "alternative medicine" OR "integrative medicine" OR nonpharmacological	168
	3. "pediatric intensive care unit" or "paediatric intensive care unit"	51
	4. 1 AND 2 AND 3	38

Dates of coverage and database	Query	Retrieved records
11/05/22 Google Scholar	1. "complementary therapies" OR "integrative medicine" OR "complementary and alternative medicine" OR "complementary and alternative therapies"	17900
	2. nonpharmacologic	77700
	3. "pediatric intensive care" OR "paediatric intensive care"	17600
	4. 1 OR 2 AND 3 AND doc OR .txt OR .rtf OR .PDF OR .html	124

Dates of coverage and database	Query	Retrieved records
11/05/22 OATD	1. pain	38650
	2. "complementary therapies" OR "alternative medicine" OR "integrative medicine" OR nonpharmacological	1819
	3. "pediatric intensive care unit" or "paediatric intensive care unit"	382

	4. 1 AND 2 AND 3	0
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