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Evaluation of literature searching and article selection skills of an evidencebased practice team

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APPENDIX C

Search strategy comparison

Question: In adult intensive care unit (ICU) patients, what is the effect of neuromuscular electrical stimulation on functional outcomes and length of stay?

Critical appriasal expert

PubMed: ("Intensive Care Units" [Mesh] OR ICU OR "critical care") AND ("Respiration, Artificial" [Mesh] OR ventilat*) AND ("Electric Stimulation/methods" [Mesh]) OR "Electric Stimulation Therapy/methods" [Mesh] OR "neuromuscular electrical stimulation")

Filters: English, published in last 10 years

Scopus: ("intensive care unit" OR ICU OR "critical care") AND ("artificial respiration" OR ventilat*) AND "neuromuscular electrical stimulation"

Filters: English, published 2009-2018, Academic Journals

Total search results: 64

Search captured 56% of articles included in the Evidence Brief

Early career librarian

PubMed: ("Electric Stimulation Therapy"[Mesh] OR "electrical stimulation" OR NEMS) AND ("Intensive Care Units"[Mesh] OR "critical care" OR "intensive care unit" OR ICU) AND ("Polyneuropathies"[Mesh] OR polyneuropathy OR polyneuropathies OR myopathy OR neuropathy)

Filters: English, published in the last 10 years

Scopus: ("electrical stimulation" OR NEMS) AND ("critical care" OR "intensive care unit" OR ICU) AND (polyneuropathy OR polyneuropathies OR myopathy OR neuropathy)

Filters: English, published 2009-2019

Total search results: 40

Search captured 67% of articles included in the Evidence Brief

Mid-career librarian

PubMed: (neuromuscular electrical stimulation OR neuromuscular electrostimulation OR "Electric Stimulation" [Mesh]) AND ("Intensive Care Units" [Mesh] OR "intensive care" OR "critical care" OR "critical illness" OR "critically ill") AND (critical polyneuropathy OR "Polyneuropathies" [Mesh] OR neuropathy OR myopathy)

FIlters: English

Scopus: (electrical stimulation OR neuromuscular electrostimulation) AND ("intensive care" OR "critical care" OR "critical illness" OR "critically ill") - AND NOT DBCOLL(medl*)

Filters: English

Total search results: 145

Search captured 78% of articles included in the Evidence Brief