



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	Early career librarian	Mid-career librarian
+	+	+
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")	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 polyneuropathies OR myopathy OR neuropathy)	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, published in last 10 years	Filters: English, published in the last 10 years	FIIters: English
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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	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-	Scopus: (electrical stimulation OR neuromuscular electrostimulation) AND ("intensive care" OR "critical care" OR "critical illness" OR "critically ill") - AND NOT DBCOLL(medl*)
	2019	Filters: English
Total search results: 64		•
	Total search results: 40	Total search results: 145
Search captured 56% of articles included in the Evidence Brief	Search captured 67% of articles included in the Evidence Brief	Search captured 78% of articles included in the Evidence Brief