Supplemental Material: Neuromuscular Blockade Literature Search Strategy

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| **No.** | **Embase and Scopus Query** |
| 1 | "NMBA" OR "NMBAs" OR "neuromuscular blocking" OR "neuromuscular blockade" OR "neuromuscular blocker" OR "neuromuscular blockers" OR "neuromuscular block" |
| 2 | "Neuromuscular Nondepolarizing Agents" OR "Neuromuscular Nondepolarizing Agent" OR "Nondepolarizing Blockers" OR "Nondepolarizing Muscle" OR "Non depolarizing Blockers" OR "Non depolarizing Muscle" OR "atracurium" OR "relatrac" OR "tracrium" OR "acrium" OR "aculex" OR "genso" OR "mycurium" OR "tracur" OR "tracurix" OR "mivacurium" OR "mivacron" OR "pancuronium" OR "pavulon" OR "pankuronium" OR "Rocuronium" OR "esmeron" OR "esmerone" OR "zemuron" OR "eslax" OR "rocuronio" OR "rocuxant" OR "roqurum" OR "vercuronium" OR "norcuron" OR "musculax" OR "nocuron" OR "norcuronium" OR "vecron" OR "vecural" OR "vecurol" OR "vecuron" OR "vecuronium" |
| 3 | "Neuromuscular Depolarizing Agents" OR "Neuromuscular Depolarizing Agent" OR "depolarizing blocker" OR "depolarizing blockers" OR "depolarizing muscle" OR "Anectine" OR "celocaine" OR "Celocurine" OR "chlorsuccilin" OR "curacholin" OR "curalest" OR "diacetylcholine" OR "Dicholine Succinate" OR "dithilin" OR "Ditilin" OR "ditilin" OR "ditiline" OR "ethicholine" OR "fosfitone" OR "Listenon" OR "Lysthenon" OR "midarin" OR "midarine" OR "muscuryl" OR "myoplegine" OR "Myorelaxin" OR "myotenlis" OR "pantolax" OR "quelicin" OR "scoline" OR "succi" OR "succicholine" OR "Succicuran" OR "succicuran" OR "succicurarin" OR "succicurarium" OR "succinolin" OR "succinyl asta" OR "succinyl bis choline" OR "succinyl choline" OR "succinyl dicholine" OR "succinyl forte" OR "succinylbischoline" OR "succinylcholine" OR "succinyldicholine" OR "sucolin" OR "sucostrin" OR "sukolin" OR "sux cert" OR "Suxamethonium" OR "suxameton" OR "suxametonio cloruro" OR "suxethon" OR "suxicuran" OR "suxinyl" OR "syncural" OR "syncuror" OR "syntocur" OR "tachicurina" OR "tachycurarin" OR "tachycuraryl" OR "ultrapal" OR "cisatracurium" OR "nimbex"  |
| 4 | #1 OR #2 OR #3 |
| 5 | "monitor" OR "monitoring" OR "monitored" OR "monitors" OR "Accelerometry" OR "Accelerometric" OR "Acceleromyography" OR "Acceleromyographic" OR "AMG" OR "Electromyography" OR "Electromyographic" OR "Electromyographies" OR "electromyograms" OR "EMG" OR "Neurostimulation" OR "Neurostimulator" OR "Neurostimulators" OR "Train of four" OR "TOF" OR "TOFC" OR "TOFR" OR "TOF cuff" OR "Post tetanic" OR "Tetanic" OR "ST stimulation" OR "Double burst stimulation" OR "mechanomyography" OR "mechanomyographic" OR "grip strength" OR "vital capacity" OR "head lift" OR "Tetanus" OR "Twitch" OR "twitches" |
| 6 | #4 AND #5 |
| 7 | #1 OR #2  |
| 8 | "sugammadex" OR "suganmadex" OR "Synstigmin" OR "Proserine" OR "Prozerin" OR "Polstigmine" OR "Neostigmine" OR "Syntostigmine" OR "Prostigmine" OR "Prostigmin" OR "endoctalina" OR "eustigmin" OR "intrastigmina" OR "kirkstigmine" OR "leostigmin" OR "leostigmine" OR "metastigmin" OR "metastigmine" OR "miostigmina" OR "miostin" OR "myastenin" OR "myastigmin" OR "neo eserin" OR "neoeserine" OR "neostigmin" OR "philostigmin" OR "polstigminum" OR "proserin" OR "prostigmin" OR "prostigmina" OR "prostygmine" OR "stiglyn" OR "stigmanol" OR "stigmosan" OR "synstigmine" OR "synthostigmine" OR "syntostigmin" OR "vagostigmin" OR "vagostigmine" OR (("edrophonium" OR "reversol" OR "tensilon") NOT ("myasthenia gravis" OR "erb goldflam")) |
| 9 | #7 AND #8 |
| 10 | #6 AND #9 |
| 11 | #10 AND NOT (INDEXTERMS("case reports" OR "case report" OR "editorial" OR "Letter"))  |
| 12 | #11 AND ( LIMIT-TO ( PUBYEAR,2021) OR LIMIT-TO ( PUBYEAR,2020) OR LIMIT-TO ( PUBYEAR,2019) OR LIMIT-TO ( PUBYEAR,2018) OR LIMIT-TO ( PUBYEAR,2017) OR LIMIT-TO ( PUBYEAR,2016) OR LIMIT-TO ( PUBYEAR,2015) OR LIMIT-TO ( PUBYEAR,2014) OR LIMIT-TO ( PUBYEAR,2013) OR LIMIT-TO ( PUBYEAR,2012) OR LIMIT-TO ( PUBYEAR,2011) OR LIMIT-TO ( PUBYEAR,2010) OR LIMIT-TO ( PUBYEAR,2009) OR LIMIT-TO ( PUBYEAR,2008) OR LIMIT-TO ( PUBYEAR,2007) OR LIMIT-TO ( PUBYEAR,2006) OR LIMIT-TO ( PUBYEAR,2005) OR LIMIT-TO ( PUBYEAR,2004) OR LIMIT-TO ( PUBYEAR,2003) OR LIMIT-TO ( PUBYEAR,2002) OR LIMIT-TO ( PUBYEAR,2001) OR LIMIT-TO ( PUBYEAR,2000) OR LIMIT-TO ( PUBYEAR,1999) OR LIMIT-TO ( PUBYEAR,1998) OR LIMIT-TO ( PUBYEAR,1997) OR LIMIT-TO ( PUBYEAR,1996) OR LIMIT-TO ( PUBYEAR,1995) OR LIMIT-TO ( PUBYEAR,1994) OR LIMIT-TO ( PUBYEAR,1993) OR LIMIT-TO ( PUBYEAR,1992) OR LIMIT-TO ( PUBYEAR,1991) OR LIMIT-TO ( PUBYEAR,1990) )  |

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| **No.** | **PubMed Query** |
| 1 | "Neuromuscular Blocking Agents"[Mesh:NoExp] OR "Neuromuscular Blocking Agents" [Pharmacological Action] OR "Neuromuscular Blockade"[Mesh] OR "NMBA"[tw] OR "NMBAs"[tw] OR "neuromuscular blocking"[tw] OR "neuromuscular blockade"[tw] OR "neuromuscular blocker"[tw] OR "neuromuscular blockers"[tw] OR "neuromuscular block"[tw] |
| 2 | "Neuromuscular Nondepolarizing Agents"[Mesh] OR "Neuromuscular Nondepolarizing Agents" [Pharmacological Action] OR "Neuromuscular Nondepolarizing Agents"[tw] OR "Neuromuscular Nondepolarizing Agent"[tw] OR "Nondepolarizing Blockers"[tw] OR "Nondepolarizing Muscle"[tw] OR "Non depolarizing Blockers"[tw] OR "Non depolarizing Muscle"[tw] OR "Atracurium"[mh] OR "atracurium"[tw] OR "relatrac"[tw] OR "tracrium"[tw] OR "acrium"[tw] OR "aculex"[tw] OR "genso"[tw] OR "mycurium"[tw] OR "tracur"[tw] OR "tracurix"[tw] OR "Mivacurium"[Mesh] OR "mivacurium"[tw] OR "mivacron"[tw] OR "Pancuronium"[Mesh] OR "pancuronium"[tw] OR "pavulon"[tw] OR "pankuronium"[tw] OR "Rocuronium"[Mesh] OR "Rocuronium"[tw] OR "esmeron"[tw] OR "esmerone"[tw] OR "zemuron"[tw] OR "eslax"[tw] OR "rocuronio"[tw] OR "rocuxant"[tw] OR "roqurum"[tw] OR "Vecuronium Bromide"[Mesh] OR "vercuronium"[tw] OR "norcuron"[tw] OR "musculax"[tw] OR "nocuron"[tw] OR "norcuronium"[tw] OR "vecron"[tw] OR "vecural"[tw] OR "vecurol"[tw] OR "vecuron"[tw] OR "vecuronium"[tw] |
| 3 | "Neuromuscular Depolarizing Agents"[Mesh] OR "Neuromuscular Depolarizing Agents" [Pharmacological Action] OR "Neuromuscular Depolarizing Agents" OR "Neuromuscular Depolarizing Agent"[tw] OR "depolarizing blocker"[tw] OR "depolarizing blockers"[tw] OR "depolarizing muscle" "Succinylcholine"[Mesh] OR "Anectine"[tw] OR "celocaine"[tw] OR "Celocurine"[tw] OR "chlorsuccilin"[tw] OR "curacholin"[tw] OR "curalest"[tw] OR "diacetylcholine"[tw] OR "Dicholine Succinate"[tw] OR "dithilin"[tw] OR "Ditilin"[tw] OR "ditilin"[tw] OR "ditiline"[tw] OR "ethicholine"[tw] OR "fosfitone"[tw] OR "Listenon"[tw] OR "Lysthenon"[tw] OR "midarin"[tw] OR "midarine"[tw] OR "muscuryl"[tw] OR "myoplegine"[tw] OR "Myorelaxin"[tw] OR "myotenlis"[tw] OR "pantolax"[tw] OR "quelicin"[tw] OR "scoline"[tw] OR "succi"[tw] OR "succicholine"[tw] OR "Succicuran"[tw] OR "succicuran"[tw] OR "succicurarin"[tw] OR "succicurarium"[tw] OR "succinolin"[tw] OR "succinyl asta"[tw] OR "succinyl bis choline"[tw] OR "succinyl choline"[tw] OR "succinyl dicholine"[tw] OR "succinyl forte"[tw] OR "succinylbischoline"[tw] OR "succinylcholine"[tw] OR "succinyldicholine"[tw] OR "sucolin"[tw] OR "sucostrin"[tw] OR "sukolin"[tw] OR "sux cert"[tw] OR "Suxamethonium"[tw] OR "suxameton"[tw] OR "suxametonio cloruro"[tw] OR "suxethon"[tw] OR "suxicuran"[tw] OR "suxinyl"[tw] OR "syncural"[tw] OR "syncuror"[tw] OR "syntocur"[tw] OR "tachicurina"[tw] OR "tachycurarin"[tw] OR "tachycuraryl"[tw] OR "ultrapal"[tw] OR "cisatracurium" [Supplementary Concept] OR "cisatracurium"[tw] OR "nimbex"[tw] |
| 4 | #1 OR #2 OR #3 |
| 5 | "Neuromuscular Monitoring"[Mesh] OR "Monitoring, Physiologic"[Mesh] OR "monitor"[tw] OR "monitoring"[tw] OR "monitored"[tw] OR "monitors" [tw] OR "Accelerometry"[Mesh] OR "Electromyography"[Mesh] OR "Accelerometry"[tw] OR "Accelerometric"[tw] OR "Acceleromyography"[tw] OR "Acceleromyographic"[tw] OR "AMG"[tw] OR "Electromyography"[tw] OR "Electromyographic"[tw] OR "Electromyographies"[tw] OR "electromyograms"[tw] OR "EMG"[tw] OR "Neurostimulation"[tw] OR "Neurostimulator"[tw] OR "Neurostimulators"[tw] OR "Train of four"[tw] OR "TOF"[tw] OR "TOFC"[tw] OR "TOFR"[tw] OR "TOF cuff"[tw] OR "Post tetanic"[tw] OR "Tetanic"[tw] OR "ST stimulation"[tw] OR "Double burst stimulation"[tw] OR "mechanomyography"[tw] OR "mechanomyographic"[tw] OR "grip strength"[tw] OR "vital capacity"[tw] OR "head lift"[tw] OR "Tetanus"[tw] OR "Twitch"[tw] OR "twitches"[tw] |
| 6 | #4 AND #5 |
| 7 | "Neuromuscular Nondepolarizing Agents"[Mesh] OR "Neuromuscular Nondepolarizing Agents" [Pharmacological Action] OR "Neuromuscular Nondepolarizing Agents"[tw] OR "Neuromuscular Nondepolarizing Agent"[tw] OR "Nondepolarizing Blockers"[tw] OR "Nondepolarizing Muscle"[tw] OR "Non depolarizing Blockers"[tw] OR "Non depolarizing Muscle"[tw] OR "Atracurium"[mh] OR "atracurium"[tw] OR "relatrac"[tw] OR "tracrium"[tw] OR "acrium"[tw] OR "aculex"[tw] OR "genso"[tw] OR "mycurium"[tw] OR "tracur"[tw] OR "tracurix"[tw] OR "Mivacurium"[Mesh] OR "mivacurium"[tw] OR "mivacron"[tw] OR "Pancuronium"[Mesh] OR "pancuronium"[tw] OR "pavulon"[tw] OR "pankuronium"[tw] OR "Rocuronium"[Mesh] OR "Rocuronium"[tw] OR "esmeron"[tw] OR "esmerone"[tw] OR "zemuron"[tw] OR "eslax"[tw] OR "rocuronio"[tw] OR "rocuxant"[tw] OR "roqurum"[tw] OR "Vecuronium Bromide"[Mesh] OR "vercuronium"[tw] OR "norcuron"[tw] OR "musculax"[tw] OR "nocuron"[tw] OR "norcuronium"[tw] OR "vecron"[tw] OR "vecural"[tw] OR "vecurol"[tw] OR "vecuron"[tw] OR "vecuronium"[tw] OR "Neuromuscular Blocking Agents"[Mesh:NoExp] OR "Neuromuscular Blocking Agents" [Pharmacological Action] OR "Neuromuscular Blockade"[Mesh] OR "NMBA"[tw] OR "NMBAs"[tw] OR "neuromuscular blocking"[tw] OR "neuromuscular blockade"[tw] OR "neuromuscular blocker"[tw] OR "neuromuscular blockers"[tw] OR "neuromuscular block"[tw] |
| 8 | "Sugammadex"[Mesh] OR "sugammadex"[tw] OR "suganmadex"[tw] OR "Neostigmine"[Mesh] OR "Synstigmin"[tw] OR "Proserine"[tw] OR "Prozerin"[tw] OR "Polstigmine"[tw] OR "Neostigmine"[tw] OR "Syntostigmine"[tw] OR "Prostigmine"[tw] OR "Prostigmin"[tw] OR "endoctalina"[tw] OR "eustigmin"[tw] OR "intrastigmina"[tw] OR "kirkstigmine"[tw] OR "leostigmin"[tw] OR "leostigmine"[tw] OR "metastigmin"[tw] OR "metastigmine"[tw] OR "miostigmina"[tw] OR "miostin"[tw] OR "myastenin"[tw] OR "myastigmin"[tw] OR "neo eserin"[tw] OR "neoeserine"[tw] OR "neostigmin"[tw] OR "philostigmin"[tw] OR "polstigminum"[tw] OR "proserin"[tw] OR "prostigmin"[tw] OR "prostigmina"[tw] OR "prostygmine"[tw] OR "stiglyn"[tw] OR "stigmanol"[tw] OR "stigmosan"[tw] OR "synstigmine"[tw] OR "synthostigmine"[tw] OR "syntostigmin"[tw] OR "vagostigmin"[tw] OR "vagostigmine"[tw] |
| 9 | #7 AND #8 |
| 10 | #9 OR #6 |
| 11 | #10 NOT ("Animals"[Mesh] NOT "Humans"[Mesh]) |
| 12 | #11 NOT ("Case Reports" [Publication Type] OR "Editorial" [Publication Type] OR "Letter" [Publication Type]) |
| 13 | #11 NOT ("Case Reports" [Publication Type] OR "Editorial" [Publication Type] OR "Letter" [Publication Type]) |