

**Supplementary A.1** Search terms used for Medline and EMBASE databases in systematic review.

Ovid MEDLINE: Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Ovid MEDLINE® Daily and Ovid MEDLINE® <1946-Present>

Embase Classic+Embase <1947 to 2022 April 08>

- 1      MUNIX.mp. [mp=ti, ab, ot, nm, hw, fx, kf, ox, px, rx, ui, an, sy, tn, dm, mf, dv, dq]      334
- 2      motor unit number index.mp. [mp=ti, ab, ot, nm, hw, fx, kf, ox, px, rx, ui, an, sy, tn, dm, mf, dv, dq]  
303
- 3      trapezius.mp. [mp=ti, ab, ot, nm, hw, fx, kf, ox, px, rx, ui, an, sy, tn, dm, mf, dv, dq]      12329
- 4      spinal accessory nerve.mp. [mp=ti, ab, ot, nm, hw, fx, kf, ox, px, rx, ui, an, sy, tn, dm, mf, dv, dq]  
1837
- 5      accessory nerve.mp. [mp=ti, ab, ot, nm, hw, fx, kf, ox, px, rx, ui, an, sy, tn, dm, mf, dv, dq]      4888
- 6      1 or 2    356
- 7      3 or 4 or 5    16230
- 8      6 and 7    19