**Appendix A.**

**1. MEDLINE (PubMed) search terms**

(intensive care units[MeSH Terms]) OR (intensive care unit\*[Title/Abstract]) OR (intensive care\*[Title/Abstract]) OR (critical care unit\*[Title/Abstract]) OR (critical care\*[Title/Abstract]) OR (critically illness\*[Title/Abstract]) OR (ICU[Title/Abstract])

(rehabilitation[MeSH Terms]) OR (early ambulation[MeSH Terms]) OR (mobilization[Title/Abstract]) OR (mobilisation[Title/Abstract]) OR (rehabilitation[Title/Abstract]) OR (early ambulation[Title/Abstract])

(rehabilitation nursing[MeSH Terms]) OR (nursing intervention[Title/Abstract]) OR (nurse-led[Title/Abstract]) OR (nurse initiate\*[Title/Abstract]) OR (nursing program[Title/Abstract]) OR (nursing therapy[Title/Abstract])

#1 AND #2 AND #3

**2. EMBASE search terms**

Intensive care unit\*:ab,ti OR intensive care\*:ab,ti OR critical care unit\*:ab,ti OR critical care\*:ab,ti OR critically illness\*:ab,ti OR ICU:ab,ti OR 'intensive care unit'/exp

mobilization:ab,ti OR mobilisation:ab,ti OR rehabilitation:ab,ti OR early ambulation:ab,ti OR 'rehabilitation'/exp OR 'mobilization'/exp

nursing intervention:ab,ti OR nurse-led:ab,ti OR nurse initiate\* OR nursing program:ab,ti OR nursing therapy:ab,ti OR 'rehabilitation nursing'/exp

#1 AND #2 AND #3

**3. Cochrane(CENTRAL) search terms**

((Intensive care unit\* OR intensive care\* OR critical care unit\* OR critical care\* OR critically illness\* OR ICU)):ti,ab,kw

MeSH descriptor: [Intensive Care Units] explode all trees

#1 OR #2

(mobilization OR mobilisation OR rehabilitation OR early ambulation):ti,ab,kw

MeSH descriptor: [Rehabilitation] explode all trees

MeSH descriptor: [Early Ambulation] explode all trees

#4 OR #5 OR #6

((nursing intervention) OR (nurse-led) OR (nurse initiate\*) OR (nursing program) OR (nursing therapy)):ti,ab,kw

MeSH descriptor: [Rehabilitation Nursing] explode all trees

#8 OR #9

#3 AND #7 AND #10

**4. CINAHL(EBSCOhost) search terms**

MH Intensive care units OR TI (Intensive care unit\* OR intensive care\* OR critical care unit\* OR critical care\* OR critically illness\* or ICU) OR AB (Intensive care unit\*” OR intensive care\* OR critical care unit\* OR critical care\* OR critically illness\* OR ICU)

MH Physical mobility OR TI (mobilization OR mobilisation OR rehabilitation OR early ambulation) OR AB (mobilization OR mobilisation OR rehabilitation OR early ambulation)

MH Rehabilitation nursing OR TI (nursing intervention OR nurse-led OR nurse initiate\* OR nursing program OR nursing therapy) OR AB (nursing intervention OR nurse-led OR nurse initiate\* OR nursing program OR nursing therapy)

S1 AND S2 AND S3

**Appendix B.**

텍스트, 스크린샷, 번호이(가) 표시된 사진

자동 생성된 설명

Figure 2. Risk of Bias 2.0 plot

스크린샷, 텍스트, 라인, 폰트이(가) 표시된 사진

자동 생성된 설명

Figure 3. Risk of Bias 2.0 summary

스크린샷, 텍스트이(가) 표시된 사진

자동 생성된 설명

Figure 4. ROBINS-I plot

텍스트, 폰트, 번호, 라인이(가) 표시된 사진

자동 생성된 설명

Figure 5. ROBINS-I summary

**Appendix C.**

**Table. The outcomes of nurse-involved early mobilization**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Study | Primary outcomes | | Secondary outcomes | | |
| **Muscle strength**  **(n=5)** | **Length of ICU stay**  **(n=8)** | **Length of hospital stay**  **(n=3)** | **Mechanical ventilation days**  **(n=3)** | **First mobilization time or level of mobilization (n=6)** |
| Azevedo, P. (2022) | + | N/A | N/A | N/A | N/A |
| Koyuncu, F. (2022) | N/A | + | + | N/A | + |
| Winkelman, C. (2012) | – | + | N/A | – | + |
| Winkelman, C. (2018) | – | – | N/A | – | N/A |
| Morris, P. E. (2016) | – | – | – | N/A | N/A |
| Nydahl, P. (2020) | N/A | – | N/A | N/A | – |
| Hodgson, C. L. (2016) | – | – | N/A | N/A | + |
| Schaller, S. J. (2016) | N/A | + | + | N/A | + |
| Ze-hua Dong, Z. H. (2014) | N/A | + | N/A | + | + |

+: Statistically significant difference; –: No statistically significant difference