

**Management of acute cervical spinal cord injury in the non-specialist intensive care unit: a narrative review of current evidence**

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## **Appendix S1** Search Strategy

### *Acute ICU management of spinal cord injury (PubMed)*

"Spinal Cord Injur\*" AND "blood pressure" AND "critical care" OR "intensive care units"

"Spinal Cord Injur\*" AND "tracheostomy" AND "critical care" OR "intensive care units"

"Spinal Cord Injur\*" AND "ventilation" AND "critical care" OR "intensive care units"

"Spinal Cord Injur\*" AND "intubation" OR "intubation, intratracheal"

### *Weaning from mechanical ventilation (MEDLINE, EMBASE and Cochrane)*

((spinal\* adj2 cord adj2 injur\*) or tetraplegi\* or quadriplegi\* or paraplegi\*)

(mechanical adj2 ventilat\*).mp.

artificial ventilation/\*

(respirat\* or pulmonar\*)

tracheal extubation/ or extubation/

ventilator weaning/ or weaning/ or respiratory failure/

respiratory tract disease/ or human/ or respiratory failure/ or complication/

cuff/ and tracheostomy/

tracheostomy decannulation/ or tracheostomy button/ or cuffed tracheostomy tube/ or tracheostomy

device/ or tracheostomy kit/ or tracheostomy tube/ or tracheostomy dressing/ or tracheostomy

holder/ or cuffless tracheostomy tube/ or tracheostomy/ or percutaneous dilational tracheostomy/ or

tracheostomy mask/ or tracheostomy collar/

### *Autonomic dysreflexia*

"Spinal Cord Injur\*" AND "autonomic dysreflexia" AND "critical care" OR "intensive care units"

### *Venous thromboembolism*

"Spinal Cord Injur\*" AND "venous thromboembolism" OR "thromboembolism"

### *Pain management*

"Spinal Cord Injur\*" AND "chronic pain" AND "treatment"

"Spinal Cord Injur\*" AND "prevalence"

"Spinal Cord Injur\*" AND "neuropathic pain" AND "treatment"

### *Rehabilitation*

"Spinal Cord Injur\*" AND "rehabilitation"

"Spinal Cord Injur\*" AND "spasticity"

"Spinal Cord Injur\*" AND "mood"

"Spinal Cord Injur\*" AND "depression"

"Spinal Cord Injur\*" AND "suicide"

### *Communication*

"Spinal Cord Injur\*" AND "Communication"

All results were limited to studies published in English involving human subjects published 1 June 2017 and 1 June 2023