

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 “trachostomy” 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