The Open Anesthesia Journal

Content list available at: https://openanesthesiajournal.com

Supplementary Material

Analgosedation Management in the Intensive Care Unit: A Narrative Systematic Review

Elena Lia[2,4], Valentina Pucci[2,5], Cecilia Raccagna[2,6], Stefano Sebastiani[1,2] and Boaz Gedaliahu Samolsky Dekel [1,2,3,*]

[1]*Department of Medical and Surgical Sciences, University of Bologna, Bologna, Italy*
[2]*Nursing in Critical Care Master Course, University of Bologna, Bologna, Italy*
[3]*Anesthesia and Pain Therapy Unit, IRCCS Azienda Ospedaliera-Universitaria di Bologna Policlinico S. Orsola-Malpighi, Bologna, Italy*
[4]*High Intensive Care Unit, Cardio-Thoraco-Vascular Department, IRCCS Azienda Ospedaliera-Universitaria di Bologna Policlinico S. Orsola-Malpighi, Bologna, Italy*
[5]*Albertoni Polyclinic, IRCCS Azienda Ospedaliera-Universitaria di Bologna Policlinico S. Orsola-Malpighi, Bologna, Italy*
[6]*Emergency Department, Morgagni Pierantoni Hospital, Ausl of Romagna, Forlì, Italy*

Table A. The 54 combinations of MeSH terms used for the literature research.

Order	Search Items combinations
#1	MeSH: “deep sedation” AND “intensive care units” AND “nurse role” AND “mechanical ventilation”
#2	MeSH: “moderate sedation” AND “intensive care units” AND “nurse role” AND “mechanical ventilation”
#3	MeSH: “deep sedation” AND “intensive care units” AND “nurse role”
#4	MeSH: “moderate sedation” AND “intensive care units” AND “nurse role”
#5	MeSH: “conscious sedation” AND “intensive care units” AND “nurse role”
#6	MeSH: ”deep sedation” AND “moderate sedation” AND “intensive care units”
#7	MeSH: ”deep sedation” AND “conscious sedation” AND “intensive care units”
#8	MeSH: “moderate sedation” OR “conscious sedation” AND “intensive care units”
#9	MeSH: “analgesia” AND “deep sedation” AND “intensive care units” AND “moderate sedation”
#10	MeSH: “deep sedation” AND “intensive care units”
#11	Ti/Ab: “sedation” AND “mechanical ventilation” AND “intensive care units” AND “nurse role”
#12	Ti/Ab: “sedation” AND “intensive care units” AND “nurse role”
#13	Ti/Ab: “sedation” AND “assessment” AND “intensive care units”
#14	Text: “sedation assessment and management in intensive care units”
#15	Text:”nurse role in sedation assessment”
#16	Text: “nurse role in sedation management”
#17	MeSH: “analgesia” AND “nursing assessment” AND “intensive care units”
#18	MeSH: ” “pain management” AND “intensive care units” AND “nurses role”
#19	MeSH: “pain management” AND “conscious sedation” AND “criticala care” AND “intensive care unit”
#20	MeSH: “pain measurement” AND “critical care”
#21	MeSH: “pain measurement” AND “pain/diagnosis” AND “psychonetrics”
#22	Ti/Ab: “pain assessment” AND “pain instruments” AND “nonverbal intubated critically patients”
#23	Ti/Ab: “pain assessment” AND “pain tools” AND “nonverbal intubated critically patients”
#24	“analgesia” [MeSH Terms] AND “nursing assessment” [MeSH Terms] AND sedation
#25	“pain management” [MeSH Terms] AND “sedoanalgesia” [MeSH Terms] AND “critical care” [MeSH Terms] AND drugs therapy
#26	MeSH: “pain management” AND “nurses’ role”

Order	Search Items combinations
#27	"critical care" [MeSH Terms] AND ICU analgesia AND ICU sedation
#28	"pain management" [MeSH Terms] AND "critical care" [MeSH Terms] AND nonpharmacological interventions
#29	"pain assessment" [MeSH Terms] AND "pain management" [MeSH Terms] AND "intensive care unit" [MeSH Terms] AND adult
#30	Ti/Ab: "sedation" AND "intensive care unit"
#31	Ti/Ab: "pain management" AND "nurse perception or experience" AND "mechanically ventilated patients or mechanical ventilation or intubated"
#32	Ti/Ab: "analgosedation" AND "nursing role or nurse's role or nursing care" AND "intensive care unit"
#33	Ti/Ab: "pain control" AND "intensive care unit" AND "nonpharmacological interventions"
#34	Ti/Ab: "pain control" AND "nurses' attitudes or perceptions" AND "adult intensive care unit"
#35	Ti/Ab: "pain management" AND "nurse" AND "intensive care unit"
#36	Ti/Ab: "pain management" AND "nurses experience" AND "intensive care unit"
#37	Ti/Ab: "pain assessment" AND "nurses" AND "intensive care unit"
#38	Ti/Ab: "sedation" AND "nurse's perspective" AND "ICU"
#39	Ti/Ab: "analgesia" AND "nursing care" AND "intensive care unit"
#40	Ti/Ab: "pain control" AND "nursing care" AND "intensive care unit"
#41	Text: "pain assessment nurse"
#42	Text: "nursing assessment and management of sedation in critically ill adult patients"
#43	Ti/Ab: "pain assessment" AND "pain tools" AND "intensive care unit" AND "mechanically ventilated patients"
#44	Ti/Ab: "mechanically ventilated adult patients in intensive care unit, pharmacological treatments, procedural analgesia" AND "sedation"
#45	("nurses" [All Fields] OR "nurses" [MeSH Terms] OR "nurse" [All Fields]) AND ("pain perception" [MeSH Terms] OR "pain" [All Fields] AND "perception" [All Fields] OR "pain perceptions [All Fields]) AND ("intensive care units" [MeSH Terms] OR "intensive care units" [All Fields] OR "icu"[All Fields])
#46	("nurses" [MeSH Terms] OR "nurses" [All Fields] OR "nurse"[All Fields]) AND ("percept" [All Fields] AND "perceptibility" [All Fields] OR "perceptible" [All Fields] OR "perception" [MeSH Terms] OR "perception" [All Fields] OR "perceptions" [All Fields] OR "perceptions" [All Fields] OR "perceptional" [All Fields] OR "perceptive" [All Fields] OR "perceptiviness" [All Fields] OR "percepts"[All Fields]) AND ("pain management" [MeSH Terms] OR "pain" [All Fields] AND "management" [All Fields] OR "pain management"[All Fields]) AND ("intensive care units" [MeSH Terms] OR "intensive care units" [All Fields] OR "icu"[All Fields])
#47	("barrier" [All Fields] OR "barriers" [All Fields]) AND ("nurses" [MeSH Terms] OR "nurses" [All Fields] OR "nurse" [All Fields]) AND ("pain measurement" [MeSH Terms] OR "pain measurement" [All Fields] OR "pain assessment" [All Fields]) AND ("intensive care units" [MeSH Terms] OR "intensive care units" [All Fields] OR "icu"[All Fields])
#48	("nurses" [All Fields] OR "nurses" [MeSH Terms] OR "nurse"[All Fields]) AND ("percept" [All Fields] AND "perceptibility" [All Fields] OR "perceptible" [All Fields] OR "perception" [MeSH Terms] OR "perception" [All Fields] OR "perceptions" [All Fields] OR "perceptions" [All Fields] OR "perceptional" [All Fields] OR "perceptive" [All Fields] OR "perceptiviness" [All Fields] OR "percepts"[All Fields]) AND ("experience" [All Fields] OR "experiences" [All Fields] AND "pain" [MeSH Terms] OR "pain"[All Fields]) AND ("intensive care units" [MeSH Terms] OR "intensive care units" [All Fields] OR "icu"[All Fields])
#49	("perspective" [All Fields] OR "perspectives" [All Fields]) AND ("pain measurement" [MeSH Terms] OR "pain measurement" [All Fields] OR "pain assessment"[All Fields]) AND ("intensive care units" [MeSH Terms] OR "intensive care units" [All Fields] OR "icu"[All Fields])
#50	("nurses" [All Fields] OR "nurses" [MeSH Terms] OR "nurse"[All Fields]) AND ("percept" [All Fields] AND "perceptibility" [All Fields] OR "perceptible" [All Fields] OR "perception" [MeSH Terms] OR "perception" [All Fields] OR "perceptions" [All Fields] OR "perceptions" [All Fields] OR "perceptional" [All Fields] OR "perceptive" [All Fields] OR "perceptiviness" [All Fields] OR "percepts"[All Fields]) AND ("sedate" [All Fields] OR "sedated" [All Fields] OR "sedating" [All Fields] OR "sedation" [All Fields] OR "sedations"[ALl Fields]) AND ("intensive care units" [MeSH Terms] OR "intensive care units" [All Fields] OR "icu"[All Fields])
#51	("analgosedation" [All Fields] OR "analgosedative" [All Fields] OR "analgosedatives"[All Fields]) AND ("intensive care units" [MeSH Terms] OR "intensive care units" [All Fields] OR "icu"[All Fields]) AND ("nurses" [All Fields] OR "nurses" [MeSH Terms] OR "nurse"[All Fields])
#52	("nurses" [MeSH Terms] OR "nurses" [All Fields] OR "nurse" [All Fields]) AND ("perspective" [All Fields] OR "perspectives" [All Fields]) AND ("pain" [Mesh Terms] OR "pain[All Fields]) AND ("intensive care units" [MeSH Terms] OR "intensive care units" [All Fields] OR "icu"[All Fields])
#53	("pain measurement" [MeSH Terms] OR "pain measurement" [All Fields] OR "pain assessment" [All Fields]) AND ("intensive care units" [MeSH Terms] OR "intensive care units" [All Fields] OR "icu"[All Fields]) AND ("barrier" [All Fields] OR "barriers"[All Fields])
#54	("pain measurement" [MeSH Terms] OR "pain measurement" [All Fields] OR "pain assessment" [All Fields]) AND ("barrier" [All Fields] OR "barriers" [All Fields]) AND ("critical care" [MeSH Terms] OR "critical" [All Fields] AND "care" [All Fields])

© 2023 The Author(s). Published by Bentham Open.

This is an open access article distributed under the terms of the Creative Commons Attribution 4.0 International Public License (CC-BY 4.0), a copy of which is available at: https://creativecommons.org/licenses/by/4.0/legalcode. This license permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited.