Patient safety in pre-hospital emergency tracheal intub of the intubation success rates of EMS providers

Critical Care

16, R24

DOI: 10.1186/cc11189

Citation Report

#	Article	IF	Citations
2	Paramedic Rapid Sequence Intubation (RSI) in a South African Emergency Medical Service (EMS) is effective, but is it safe?. Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine, 2013, 21, .	2.6	2
3	Refraining from pre-hospital advanced airway management: a prospective observational study of critical decision making in an anaesthesiologist-staffed pre-hospital critical care service. Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine, 2013, 21, 75.	2.6	10
4	A prospective study of physician pre-hospital anaesthesia in trauma patients: oesophageal intubation, gross airway contamination and the â€˜quick lookâ€™ airway assessment. BMC Anesthesiology, 2013, 13, 21.	1.8	26
5	Pre-hospital advanced airway management by experienced anaesthesiologists: a prospective descriptive study. Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine, 2013, 21, 58.	2.6	77
6	Algorithm for the resuscitation of traumatic cardiac arrest patients in a physician-staffed helicopter emergency medical service. Critical Care, 2013, 17, 308.	5.8	55
7	Year in review 2012: Critical Care - out-of-hospital cardiac arrest and trauma. Critical Care, 2013, 17, 248.	5.8	9
8	Update on prehospital emergency care of severe trauma patients. Annales Francaises D'Anesthesie Et De Reanimation, 2013, 32, 477-482.	1.4	9
9	Training and experience are more important than the type of practitioner for intubation success. Critical Care, 2013, 17, 412.	5.8	4
10	Prehospital Airway Management for Out-of-Hospital Cardiac Arrest. JAMA - Journal of the American Medical Association, 2013, 309, 1888.	7.4	4
11	Preâ€hospital critical care by anaesthesiologistâ€staffed preâ€hospital services in <scp>S</scp>candinavia: a prospective populationâ€based study. Acta Anaesthesiologica Scandinavica, 2013, 57, 1175-1185.	1.6	30
12	Altered mental status. , 0, , 165-188.		0
13	To Intubate or Not to Intubateâ€”Is That (the Only) Question?*. Critical Care Medicine, 2014, 42, 1543-1544.	0.9	3
14	Understanding Multiteam Systems in Emergency Care: One Case at a Time. Research on Managing Groups and Teams, 2014, , 157-183.	0.6	3
15	Airways in Out-of-hospital Cardiac Arrest: Systematic Review and Meta-analysis. Prehospital Emergency Care, 2014, 18, 244-256.	1.8	88
16	Prehospital Use of Cervical Collars in Trauma Patients: A Critical Review. Journal of Neurotrauma, 2014, 31, 531-540.	3.4	126
17	An observational study of intubation success rates and rescue airway techniques among 7256 pre-hospital physician intubations of trauma patients. Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine, 2014, 22, .	2.6	1
18	Current national recommendations on rapid sequence induction in Europe. European Journal of Anaesthesiology, 2014, 31, 443-444.	1.7	18
19	The Process of Prehospital Airway Management. Critical Care Medicine, 2014, 42, 1372-1378.	0.9	71

#	Article	IF	Citations
20	Prehospital anaesthesia performed in a rural and suburban air ambulance service staffed by a physician and paramedic: a 16-month review of practice. Emergency Medicine Journal, 2014, 31, 65-68.	1.0	41
21	Prehospital Intubation in Patients with Isolated Severe Traumatic Brain Injury: A 4-Year Observational Study. Critical Care Research and Practice, 2014, 2014, 1-6.	1.1	18
22	Use of the AirtraqÂ® device for airway management in the prehospital setting â€“ a retrospective study. Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine, 2014, 22, 10.	2.6	14
23	A novel airway device with tactile sensing capabilities for verifying correct endotracheal tube placement. Journal of Clinical Monitoring and Computing, 2014, 28, 179-185.	1.6	7
24	Pre-hospital anaesthesia: the same but different. British Journal of Anaesthesia, 2014, 113, 211-219.	3.4	42
25	Observational study of the success rates of intubation and failed intubation airway rescue techniques in 7256 attempted intubations of trauma patients by pre-hospital physicians. British Journal of Anaesthesia, 2014, 113, 220-225.	3.4	140
26	Critical care paramedics: where is the evidence? a systematic review. Emergency Medicine Journal, 2014, 31, 1016-1024.	1.0	19
27	An update on out-of-hospital airway management practices in the United States. Resuscitation, 2014, 85, 885-892.	3.0	65
28	An observational study of paediatric pre-hospital intubation and anaesthesia in 1933 children attended by a physician-led, pre-hospital trauma service. Resuscitation, 2014, 85, 189-195.	3.0	28
29	Pre-hospital airway management: The data grows rapidly but controversy remains. Resuscitation, 2014, 85, 849-850.	3.0	4
30	Emergency Tracheal Intubation: Techniques and OutcomesDiscussion. Respiratory Care, 2014, 59, 881-894.	1.6	19
31	A review of current intubation practice in a UK based physician-paramedic Helicopter Emergency Medical Service. Resuscitation, 2015, 96, 52.	3.0	0
39	Pharmacology of emergency airway drugs. , 2015, , 63-79.		2
50	Airway management by physician-staffed Helicopter Emergency Medical Services â€“ a prospective, multicentre, observational study of 2,327 patients. Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine, 2015, 23, 57.	2.6	62
51	The First Shot Is Often the Best Shot. Anesthesia and Analgesia, 2015, 121, 1389-1393.	2.2	66
52	First-pass intubation success rate during rapid sequence induction of prehospital anaesthesia by physicians versus paramedics. European Journal of Emergency Medicine, 2015, 22, 391-394.	1.1	61
53	Role Allocation and Team Dynamics during Pre-Hospital Rapid Sequence Induction of Anaesthesia by a Physician-Critical Care Paramedic Team in the United Kingdom: A 12 Months Review of Practice. Journal of Anesthesia & Clinical Research, 2015, 06, .	0.1	0
54	Endotracheal Intubation With and Without Night Vision Goggles in a Helicopter and Emergency Room Setting: A Manikin Study. Military Medicine, 2015, 180, 1006-1010.	0.8	6

#	Article	IF	Citations
55	Impact of Video Laryngoscopy on Advanced Airway Management by Critical Care Transport Paramedics and Nurses Using the CMAC Pocket Monitor. BioMed Research International, 2015, 2015, 1-6.	1.9	23
56	Comparison of factors associated with desaturation in prehospital emergency anaesthesia in primary and secondary retrievals. Emergency Medicine Journal, 2015, 32, 642-646.	1.0	10
58	A Ketamine Protocol and Intubation Rates for Psychiatric Air Medical Retrieval. Air Medical Journal, 2015, 34, 357-359.	0.6	13
59	Prehospital anaesthesia performed by physician/critical care paramedic teams in a major trauma network in the UK: a 12â€...month review of practice. Emergency Medicine Journal, 2015, 32, 65-69.	1.0	29
60	Paramedic rapid sequence intubation in patients with non-traumatic coma. Emergency Medicine Journal, 2015, 32, 60-64.	1.0	11
61	Multiple failed intubation attempts are associated with decreased success rates on the first rescue intubation in the emergency department: a retrospective analysis of multicentre observational data. Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine, 2015, 23, 5.	2.6	37
62	Performance of intubation with 4 different airway devices by unskilled rescuers: manikin study. American Journal of Emergency Medicine, 2015, 33, 691-696.	1.6	23
63	Why do I intubate cardiac arrest victims?. Trends in Anaesthesia and Critical Care, 2015, 5, 130-133.	0.9	2
64	The role of physicianâ€“staffed ambulances: the outcome of a pilot study. Journal of Acute Disease, 2015, 4, 63-67.	0.3	3
65	Incidence of difficult airway situations during prehospital airway management by emergency physiciansâ€”A retrospective analysis of 692 consecutive patients. Resuscitation, 2015, 90, 42-45.	3.0	38
66	Implementing new advanced airway management standards in the Hungarian physician staffed Helicopter Emergency Medical Service. Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine, 2015, 23, 3.	2.6	14
67	Indications and results of emergency surgical airways performed by a physician-staffed helicopter emergency service. Injury, 2015, 46, 787-790.	1.7	12
68	Advanced airway management is necessary in prehospital trauma patients. British Journal of Anaesthesia, 2015, 114, 657-662.	3.4	80
69	A review of pre-admission advanced airway management in combat casualties, Helmand Province 2013. Journal of the Royal Army Medical Corps, 2015, 161, 121-126.	0.8	16
70	Is the supine position associated with loss of airway patency in unconscious trauma patients? A systematic review and meta-analysis. Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine, 2015, 23, 50.	2.6	21
71	What an ambulance nurse needs to know: A content analysis of curricula in the specialist nursing programme in prehospital emergency care. International Emergency Nursing, 2015, 23, 127-132.	1.5	54
72	Potential cardiac arrest â€“ an observational study of pre-hospital medical response. Scandinavian Journal of Primary Health Care, 2016, 34, 130-134.	1.5	2
73	Analysis of out-of-hospital cardiac arrest in Croatia â€“ survival, bystander cardiopulmonary resuscitation, and impact of physicianâ€™s experience on cardiac arrest management: a single center observational study. Croatian Medical Journal, 2016, 57, 591-600.	0.7	7

#	Article	IF	Citations
74	Video laryngoscopy in pre-hospital critical care â€“ a quality improvement study. Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine, 2016, 24, 84.	2.6	27
76	Deaths following prehospital safety incidents: an analysis of a national database. Emergency Medicine Journal, 2016, 33, 716-721.	1.0	7
77	Advanced airway management for pre-hospital trauma patients. Trauma, 2016, 18, 111-118.	0.5	5
78	Advances in Trauma Anesthesia. Advances in Anesthesia, 2016, 34, 13-28.	0.9	0
79	Scandinavian <scp>SSAI</scp> clinical practice guideline on preâ€hospital airway management. Acta Anaesthesiologica Scandinavica, 2016, 60, 852-864.	1.6	81
80	Emergency airway management â€“ by whom and how?. Acta Anaesthesiologica Scandinavica, 2016, 60, 1185-1187.	1.6	4
81	Advanced airway management in an anaesthesiologist-staffed Helicopter Emergency Medical Service (HEMS): A retrospective analysis of 1047 out-of-hospital intubations. Resuscitation, 2016, 105, 66-69.	3.0	16
82	Conducting a safe rapid sequence induction in pre-hospital care. Trauma, 2016, 18, 119-123.	0.5	2
83	Difficult Intubation Factors in Prehospital Rapid Sequence Intubation by an Australian Helicopter Emergency Medical Service. Air Medical Journal, 2016, 35, 28-32.	0.6	27
84	Evaluation of six different airway devices regarding regurgitation and pulmonary aspiration during cardio-pulmonary resuscitation (CPR) â€“ A human cadaver pilot study. Resuscitation, 2016, 102, 70-74.	3.0	51
85	The success of pre-hospital tracheal intubation by different pre-hospital providers: a systematic literature review and meta-analysis. Critical Care, 2017, 21, 31.	5.8	93
86	Analysis of Out-of-Hospital Pediatric Intubation byÂan Australian Helicopter Emergency MedicalÂService. Annals of Emergency Medicine, 2017, 70, 773-782.e4.	0.6	21
87	Reformulations of practice: beyond experience in paramedic airway management. Canadian Journal of Emergency Medicine, 2017, 19, 293-304.	1.1	2
88	Survival in Out-of-hospital Rapid Sequence Intubation of Non-Traumatic Brain Pathologies. Prehospital Emergency Care, 2017, 21, 700-708.	1.8	7
89	Does prehospital management by doctors affect outcome in major trauma? A systematic review. Journal of Trauma and Acute Care Surgery, 2017, 83, 965-974.	2.1	22
90	Nonphysician Out-of-Hospital Rapid Sequence Intubation Success and Adverse Events: AÂSystematic Review and Meta-Analysis. Annals of Emergency Medicine, 2017, 70, 449-459.e20.	0.6	41
91	Prehospital Resuscitation. International Anesthesiology Clinics, 2017, 55, 36-49.	0.8	1
92	Paramedic Intubation Experience Is Associated With Successful Tube Placement but Not Cardiac Arrest Survival. Annals of Emergency Medicine, 2017, 70, 382-390.e1.	0.6	30

#	Article	IF	Citations
93	AAGBI: Safer pre-hospital anaesthesia 2017. Anaesthesia, 2017, 72, 379-390.	3.8	99
95	In-hospital airway management training for non-anesthesiologist EMS physicians: a descriptive quality control study. Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine, 2017, 25, 45.	2.6	11
96	Prehospital intubation for isolated severe blunt traumatic brain injury: worse outcomes and higher mortality. European Journal of Trauma and Emergency Surgery, 2017, 43, 731-739.	1.7	35
97	A systematic review and meta-analysis comparing mortality in pre-hospital tracheal intubation to emergency department intubation in trauma patients. Critical Care, 2017, 21, 192.	5.8	41
98	Video laryngoscopy does not improve the intubation outcomes in emergency and critical patients â€“ a systematic review and meta-analysis of randomized controlled trials. Critical Care, 2017, 21, 288.	5.8	74
99	Intubation of prehospital patients with curved laryngoscope blade is more successful than with straight blade. American Journal of Emergency Medicine, 2018, 36, 1807-1809.	1.6	5
100	Pre-hospital anaesthesia: no longer the â€˜poor relativeâ€™ of high quality in-hospital emergency airway management. British Journal of Anaesthesia, 2018, 120, 898-901.	3.4	9
101	Association of Prehospital Advanced Life Support by Physician With Survival After Out-of-Hospital Cardiac Arrest With Blunt Trauma Following Traffic Collisions. JAMA Surgery, 2018, 153, e180674.	4.3	38
102	A beforeâ€andâ€after observational study of a protocol for use of the Câ€<scp>MAC</scp> videolaryngoscope with a Frova introducer in preâ€hospital rapid sequence intubation. Anaesthesia, 2018, 73, 348-355.	3.8	51
103	Policy, Practice, and Research Agenda for Emergency Medical Services Oversight: A Systematic Review and Environmental Scan. Prehospital and Disaster Medicine, 2018, 33, 89-97.	1.3	15
104	Evaluation of Physiologic Alterations during Prehospital Paramedic-Performed Rapid Sequence Intubation. Prehospital Emergency Care, 2018, 22, 300-311.	1.8	15
105	Videolaryngoscopy for Physician-Based, Prehospital Emergency Intubation: A Prospective, Randomized, Multicenter Comparison of Different Blade Types Using A.P. Advance, C-MAC System, and KingVision. Anesthesia and Analgesia, 2018, 126, 1565-1574.	2.2	11
106	Psychometric properties of the Norwegian version of the hospital survey on patient safety culture in a prehospital environment. BMC Health Services Research, 2018, 18, 784.	2.2	14
107	Intubation Success after Introduction of a Quality Assurance Program Using Video Laryngoscopy. Air Medical Journal, 2018, 37, 303-305.	0.6	8
108	Prehospital Intubation and Outcome in Traumatic Brain Injuryâ€”Assessing Intervention Efficacy in a Modern Trauma Cohort. Frontiers in Neurology, 2018, 9, 194.	2.4	15
109	Best practice advice on pre-hospital emergency anaesthesia & advanced airway management. Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine, 2019, 27, 6.	2.6	35
110	Waveform capnography in a South African prehospital service: Knowledge assessment of paramedics. African Journal of Emergency Medicine, 2019, 9, 96-100.	1.1	2
111	Intensity of care delivered by prehospital emergency medical service physicians to patients with deliberate self-poisoning: results from a 2-day cross-sectional study in France. Internal and Emergency Medicine, 2019, 14, 981-988.	2.0	4

#	Article	IF	Citations
112	Requirement for urgent tracheal intubation after traumatic injury: a retrospective analysis of 11,010 patients in the Trauma Audit Research Network database. Anaesthesia, 2019, 74, 1158-1164.	3.8	15
113	A BRILL idea? The benefits, risks, insights, learning and limitations of an emergency airway registry in preâ€hospital and retrieval medicine. EMA - Emergency Medicine Australasia, 2019, 31, 483-486.	1.1	2
114	Impact of Paralytic Agent on Postintubation Sedation. Air Medical Journal, 2019, 38, 39-44.	0.6	3
115	What is the impact of physicians in prehospital treatment for patients in need of acute critical care? â€“ An overview of reviews. International Journal of Technology Assessment in Health Care, 2019, 35, 27-35.	0.5	11
116	Predictors of Definitive Airway Sans Hypoxia/Hypotension on First Attempt (DASH-1A) Success in Traumatically Injured Patients Undergoing Prehospital Intubation. Prehospital Emergency Care, 2020, 24, 470-477.	1.8	17
117	Impact of Suction-Assisted Laryngoscopy and Airway Decontamination Technique on Intubation Quality Metrics in a Helicopter Emergency Medical Service: An Educational Intervention. Air Medical Journal, 2020, 39, 107-110.	0.6	5
118	Out-of-Hospital Intubation and Bronchoscopy Using a New Disposable Device: The Initial Case. Prehospital Emergency Care, 2020, 24, 857-861.	1.8	2
119	Comparison of GlidescopeÂ® Goâ„¢, King Visionâ„¢, Dahlhausen VL, Iâ€™Viewâ„¢ and Macintosh laryngoscope use during difficult airway management simulation by experienced and inexperienced emergency medical staff: A randomized crossover manikin study. PLoS ONE, 2020, 15, e0236474.	2.5	6
120	Intubation during a medevac flight: safety and effect on total prehospital time in the helicopter emergency medical service system. Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine, 2020, 28, 89.	2.6	8
121	Comparison of McGrath, Pentax, and Macintosh laryngoscope in normal and cervical immobilized manikin by novices: a randomized crossover trial. European Journal of Medical Research, 2020, 25, 35.	2.2	6
122	Feasibility of Prehospital Rapid Sequence Intubation in the Cabin of an AW169 Helicopter. Air Medical Journal, 2020, 39, 468-472.	0.6	4
123	Successful endotracheal intubation following a failed first attempt during aeromedical retrieval. Emergency Medicine Journal, 2020, 37, emermed-2019-208425.	1.0	3
124	Analysis of Casualties That Underwent Airway Management Before Reaching Role 2 Facilities in the Afghanistan Conflict 2008â€“2014. Military Medicine, 2020, 185, 10-18.	0.8	4
125	Routine Use of a Bougie Improves First-Attempt Intubation Success in the Out-of-Hospital Setting. Annals of Emergency Medicine, 2021, 77, 296-304.	0.6	24
126	Impact of videolaryngoscopy introduction into prehospital emergency medicine practice: a quality improvement project. Emergency Medicine Journal, 2021, 38, 549-555.	1.0	12
127	Feasibility of Prehospital Emergency Anesthesia in the Cabin of an AW169 Helicopter Wearing Personal Protective Equipment During Coronavirus Disease 2019. Air Medical Journal, 2021, 40, 395-398.	0.6	1
128	Frequency, indications and success of outâ€ofâ€hospital intubations in Finnish children. Acta Anaesthesiologica Scandinavica, 2022, 66, 125-131.	1.6	3
129	Procedural Sedation Intubation in a Paramedic-Staffed Helicopter Emergency Medical System in Northern Finland. Air Medical Journal, 2021, 40, 385-389.	0.6	3

#	Article	IF	Citations
131	First pass success of tracheal intubation using the C-MAC PM videolaryngoscope as first-line device in prehospital cardiac arrest compared with other emergencies. European Journal of Anaesthesiology, 2021, 38, 806-812.	1.7	20
132	Emergency Tracheal Intubation in Patients with COVID-19: Experience from a UK Centre. Anesthesiology Research and Practice, 2020, 2020, 1-9.	0.7	12
133	M-Health in Prehospital Emergency Medicine. Advances in Healthcare Information Systems and Administration Book Series, 2016, , 197-212.	0.2	9
134	Mobile Health Applications in Prehospital Emergency Medicine. Advances in Healthcare Information Systems and Administration Book Series, 2019, , 117-135.	0.2	2
135	Root Causes of Preventable Prehospital Deaths in Road Traffic Injuries: A Systematic Review. Trauma Monthly, 2019, 24, .	0.2	1
138	Purpose and Mission. , 2019, , 1-12.		0
139	Part 3. Clinical Practice Guideline for Airway Management and Emergency Thoracotomy for Trauma Patients from the Korean Society of Traumatology. Journal of Trauma and Injury, 2020, 33, 195-203.	0.4	0
140	M-Health in Prehospital Emergency Medicine. , 2020, , 843-858.		0
142	Prehospital Simple Thoracostomy Does Not Improve Patient Outcomes Compared to Needle Thoracostomy in Severely Injured Trauma Patients. American Surgeon, 2023, 89, 1736-1743.	0.8	2
143	Airway management in a Helicopter Emergency Medical Service (HEMS): a retrospective observational study of 365 out-of-hospital intubations. BMC Emergency Medicine, 2022, 22, 23.	1.9	3
144	Foreword Drs Clifford Mann and J-P van Besouw. , 0, , ix-ix.		0
150	Ventilator Associated Pneumonia and Intubation Location in Adults with Traumatic Injuries: Systematic Review and Meta-analysis. Journal of Trauma and Acute Care Surgery, 0, Publish Ahead of Print, .	2.1	0
151	Intubation success in prehospital emergency anaesthesia: a retrospective observational analysis of the Inter-Changeable Operator Model (ICOM). Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine, 2022, 30, .	2.6	12
152	A retrospective descriptive analysis of non-physician-performed prehospital endotracheal intubation practices and performance in South Africa. BMC Emergency Medicine, 2022, 22, .	1.9	3
153	Comparing suction rates of novel DuCanto catheter against Yankauer and standard suction catheter using liquids of different viscosityâ€"a technical simulation. BMC Anesthesiology, 2022, 22, .	1.8	3
156	Prehospital anaesthesia by a helicopter emergency medicine service: a review. Journal of Paramedic Practice: the Clinical Monthly for Emergency Care Professionals, 2023, 15, 280-284.	0.1	0
157	Physician-staffed prehospital units: a retrospective follow-up from an urban area in Scandinavia. International Journal of Emergency Medicine, 2023, 16, .	1.6	0
158	Comparing Intubation Success Between Flight Nurses and Flight Paramedics in Helicopter Emergency Medical Services. Air Medical Journal, 2023, , .	0.6	0

#	Article	IF	Citations
159	Prehospital and emergency department airway management of severe penetrating trauma in Sweden during the past decade. Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine, 2023, 31, .	2.6	0
161	Trauma patient transport to hospital using helicopter emergency medical services or road ambulance in Sweden: a comparison of survival and prehospital time intervals. Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine, 2023, 31, .	2.6	1
162	Medizinische AusrÃ¼stung im Bergrettungsdienst. , 2024, , 109-126.		0