

Randomised controlled comparison of continuous positive  
non-invasive ventilation, and standard treatment in em  
acute cardiogenic pulmonary oedema

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Non-invasive ventilation for acute respiratory disease. British Medical Bulletin, 2004, 72, 83-97.	2.7	29
2	Clinical review: impact of emergency department care on intensive care unit costs. Critical Care, 2004, 8, 498.	2.5	22
3	Bilevel noninvasive positive pressure ventilation for acute respiratory failure: Survey of Ontario practice*. Critical Care Medicine, 2005, 33, 1477-1483.	0.4	92
4	Noninvasive positive pressure ventilation in the intensive care unit: A concise review. Critical Care Medicine, 2005, 33, 2651-2658.	0.4	60
5	Noninvasive ventilation for acute respiratory failure. Current Opinion in Critical Care, 2005, 11, 77-81.	1.6	21
6	Simple lightweight disposable continuous positive airways pressure mask to effectively treat acute pulmonary oedema: Randomized controlled trial. EMA - Emergency Medicine Australasia, 2005, 17, 224-230.	0.5	20
7	Mask ventilation and cardiogenic pulmonary edema: "œanother brick in the wall". Intensive Care Medicine, 2005, 31, 757-759.	3.9	12
8	Noninvasive Ventilation in Acute Cardiogenic Pulmonary Edema. JAMA - Journal of the American Medical Association, 2005, 294, 3124.	3.8	495
9	Non-invasive ventilation in acute cardiogenic pulmonary oedema. Postgraduate Medical Journal, 2005, 81, 637-643.	0.9	81
11	Qu'est-ce qu'une régression logistique ?. Revue Des Maladies Respiratoires, 2005, 22, 159-162.	1.7	20
12	L'insuffisance cardiaque aiguë. , 2006, , .		0
13	Effect of non-invasive positive pressure ventilation (NIPPV) on mortality in patients with acute cardiogenic pulmonary oedema: a meta-analysis. Lancet, The, 2006, 367, 1155-1163.	6.3	399
14	Supports ventilatoires non invasifs : indications, limites et contre-indications. JEUR/Journal Européen Des Urgences, 2006, 19, 90-100.	0.0	1
15	A comparison of continuous and bi-level positive airway pressure non-invasive ventilation in patients with acute cardiogenic pulmonary oedema: a meta-analysis. Critical Care, 2006, 10, R49.	2.5	81
16	Efficacy and safety of non-invasive ventilation in the treatment of acute cardiogenic pulmonary edema—a systematic review and meta-analysis. Critical Care, 2006, 10, R69.	2.5	204
17	Noninvasive mechanical ventilation in the treatment of acute cardiogenic pulmonary edema. Clinics, 2006, 61, 247-252.	0.6	9
18	Treatment and Outcome of Acute Cardiogenic Pulmonary Oedema Presenting to an Emergency Department in Hong Kong: Retrospective Cohort Study. Hong Kong Journal of Emergency Medicine, 2006, 13, 148-154.	0.4	0
19	The Use of Noninvasive Ventilation in Emergency Department Patients With Acute Cardiogenic Pulmonary Edema: A Systematic Review. Annals of Emergency Medicine, 2006, 48, 260-269.e4.	0.3	127

#	ARTICLE	IF	CITATIONS
20	Time of non-invasive ventilation. Intensive Care Medicine, 2006, 32, 361-370.	3.9	112
21	Management of acute pulmonary edema in the emergency department. Current Heart Failure Reports, 2006, 3, 129-135.	1.3	5
22	Effectiveness of Prehospital Continuous Positive Airway Pressure in the Management of Acute Pulmonary Edema. Prehospital Emergency Care, 2006, 10, 430-439.	1.0	73
23	Use of non-invasive ventilation in UK emergency departments. Emergency Medicine Journal, 2006, 23, 920-921.	0.4	23
24	Noninvasive Positive Airway Pressure and Risk of Myocardial Infarction in Acute Cardiogenic Pulmonary Edema. Chest, 2007, 132, 1804-1809.	0.4	43
25	Noninvasive Ventilation for Critical Care. Chest, 2007, 132, 711-720.	0.4	121
26	Noninvasive ventilation in acute respiratory failure. Critical Care Medicine, 2007, 35, 2402-2407.	0.4	163
27	Prehospital noninvasive pressure support ventilation for acute cardiogenic pulmonary edema. European Journal of Emergency Medicine, 2007, 14, 276-279.	0.5	43
29	Noninvasive Ventilation in the Older Patient Who Has Acute Respiratory Failure. Clinics in Chest Medicine, 2007, 28, 793-800.	0.8	9
30	Ventilação mecânica não-invasiva com pressão positiva. Revista Brasileira De Terapia Intensiva, 2007, 19, .	0.1	8
31	Canine Treatment and Rehabilitation. , 0, , 207-237.		5
32	Continuous Positive Airway Pressure Versus Bilevel Noninvasive Ventilation in Acute Cardiogenic Pulmonary Edema: A Randomized Multicenter Trial. Annals of Emergency Medicine, 2007, 50, 666-675.e1.	0.3	69
33	Non-invasive positive pressure ventilation for acute respiratory failure: justified or just hot air?. Internal Medicine Journal, 2007, 37, 112-118.	0.5	9
34	Continuous positive airway pressure vs. proportional assist ventilation for noninvasive ventilation in acute cardiogenic pulmonary edema. Intensive Care Medicine, 2008, 34, 840-846.	3.9	37
35	Noninvasive positive pressure ventilation in the acute care setting: where are we?. European Respiratory Journal, 2008, 31, 874-886.	3.1	707
36	Non-invasive positive pressure ventilation (CPAP or bilevel NPPV) for cardiogenic pulmonary edema. , 2008, , CD005351.		68
38	Use of Noninvasive Positive-Pressure Ventilation in the Emergency Department. Emergency Medicine Clinics of North America, 2008, 26, 929-939.	0.5	7
39	Noninvasive Ventilation in Acute Cardiogenic Pulmonary Edema. New England Journal of Medicine, 2008, 359, 142-151.	13.9	586

#	ARTICLE	IF	CITATIONS
40	An observational study of noninvasive positive pressure ventilation in an out-of-hospital setting. American Journal of Emergency Medicine, 2008, 26, 165-169.	0.7	18
41	Ventilaci3n artificial II: estrategias ventilatorias. Log3stica de la ventilaci3n mec3nica. EMC - Anestesia-Reanimaci3n, 2008, 34, 1-21.	0.1	0
43	The Outcome of Haematological Malignancy in Scottish Intensive Care Units. Journal of the Intensive Care Society, 2008, 9, 135-140.	1.1	18
44	Estimates of Cost-Effectiveness of Prehospital Continuous Positive Airway Pressure in the Management of Acute Pulmonary Edema. Prehospital Emergency Care, 2008, 12, 277-285.	1.0	25
45	Prehospital Noninvasive Ventilation: A Viable Treatment Option in the Urban Setting. Prehospital Emergency Care, 2008, 12, 42-45.	1.0	22
46	Acute Decompensated Heart Failure. , 0, , 190-199.		1
47	Mechanical Ventilation in Patients with Hypoxemia due to Refractory Heart Failure. Internal Medicine, 2008, 47, 367-373.	0.3	6
49	Practical recommendations for prehospital and early in-hospital management of patients presenting with acute heart failure syndromes. Critical Care Medicine, 2008, 36, S129-S139.	0.4	240
50	Noninvasive ventilation in acute cardiogenic pulmonary edema. Current Opinion in Critical Care, 2008, 14, 531-535.	1.6	16
51	Non-invasive mechanical ventilation in Australian emergency departments: A prospective observational cohort study. International Journal of Nursing Studies, 2009, 46, 617-623.	2.5	7
52	Is helmet CPAP first line pre-hospital treatment of presumed severe acute pulmonary edema?. Intensive Care Medicine, 2009, 35, 656-662.	3.9	54
53	Review of non-invasive ventilation in the emergency department: clinical considerations and management priorities. Journal of Clinical Nursing, 2009, 18, 3216-3224.	1.4	10
54	Noninvasive ventilation in cats. Journal of Veterinary Emergency and Critical Care, 2009, 19, 416-425.	0.4	12
55	The role of continuous positive airway pressure in acute cardiogenic edema with preserved left ventricular systolic function. American Journal of Emergency Medicine, 2009, 27, 986-991.	0.7	6
56	Non-invasive ventilation in acute respiratory failure. Lancet, The, 2009, 374, 250-259.	6.3	744
57	Patient outcomes after noninvasive mechanical ventilation at a high dependency unit of an emergency department. European Journal of Emergency Medicine, 2009, 16, 92-96.	0.5	5
58	Non-invasive ventilation for hypoxaemic respiratory failure. , 2010, , 290-296.		0
59	Timing of non-invasive ventilation. , 2010, , 118-125.		0

#	ARTICLE	IF	CITATIONS
60	What Is the Role of Noninvasive Ventilation in the Intensive Care Unit?. , 2010, , 21-26.		0
61	Meta-analysis: Noninvasive Ventilation in Acute Cardiogenic Pulmonary Edema. <i>Annals of Internal Medicine</i> , 2010, 152, 590.	2.0	198
62	Respiratory Failure in the Elderly Patient. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2010, 31, 634-646.	0.8	10
63	Noninvasive Positive Airway Pressure and Risk of Myocardial Infarction in Acute Cardiogenic Pulmonary Edema. , 2010, , 231-236.		1
64	The role of noninvasive ventilation in acute cardiogenic pulmonary edema. <i>Critical Care</i> , 2010, 14, 303.	2.5	7
65	Continuous Positive Airway Pressure vs. Pressure Support Ventilation in Acute Cardiogenic Pulmonary Edema: A Randomized Trial. <i>Journal of Emergency Medicine</i> , 2010, 39, 676-684.	0.3	24
66	Noninvasive Positive Pressure Ventilation: Resource Document for the National Association of EMS Physicians Position Statement. <i>Prehospital Emergency Care</i> , 2011, 15, 432-438.	1.0	19
67	Clinical practice guidelines for the use of noninvasive positive-pressure ventilation and noninvasive continuous positive airway pressure in the acute care setting. <i>Cmaj</i> , 2011, 183, E195-E214.	0.9	303
68	Noninvasive Ventilation in Acute Cardiogenic Pulmonary Edema: A Meta-Analysis of Randomized Controlled Trials. <i>Journal of Cardiac Failure</i> , 2011, 17, 850-859.	0.7	64
69	The epidemiology and outcome of medical emergency team call patients treated with non-invasive ventilation. <i>Resuscitation</i> , 2011, 82, 1218-1223.	1.3	572
70	Prehospital continuous positive airway pressure ventilation in ACPO: Part 1. <i>Journal of Paramedic Practice: the Clinical Monthly for Emergency Care Professionals</i> , 2011, 3, 129-135.	0.0	2
71	Acute cardiogenic pulmonary oedema: reflecting on the management of an intensive care unit patient. <i>Nursing in Critical Care</i> , 2011, 16, 193-200.	1.1	3
72	CPAP for acute cardiogenic pulmonary oedema from out-of-hospital to cardiac intensive care unit: a randomised multicentre study. <i>Intensive Care Medicine</i> , 2011, 37, 1501-1509.	3.9	65
73	Noninvasive Ventilation in Pulmonary Edema Complicating Acute Myocardial Infarction. <i>Circulation Journal</i> , 2012, 76, 2586-2591.	0.7	21
74	Invasive and non-invasive mechanical ventilation. <i>Medicine</i> , 2012, 40, 298-304.	0.2	17
75	Non-invasive positive pressure ventilation (CPAP or bilevel NPPV) for cardiogenic pulmonary oedema. <i>The Cochrane Library</i> , 2013, , CD005351.	1.5	222
76	Epidemiology of noninvasive mechanical ventilation in acute respiratory failure - a retrospective population-based study. <i>BMC Emergency Medicine</i> , 2013, 13, 6.	0.7	15
77	Prehospital Continuous Positive Airway Pressure for Acute Respiratory Failure: A Systematic Review and Meta-Analysis. <i>Prehospital Emergency Care</i> , 2013, 17, 261-273.	1.0	43

#	ARTICLE	IF	CITATIONS
78	A comparison of bilevel and continuous positive airway pressure noninvasive ventilation in acute cardiogenic pulmonary edema. <i>American Journal of Emergency Medicine</i> , 2013, 31, 1322-1327.	0.7	26
79	Continuous Positive Airway Pressure (CPAP) May Not Reduce Short-Term Mortality in Cardiogenic Pulmonary Edema: A Propensity-Based Analysis. <i>Journal of Cardiac Failure</i> , 2013, 19, 108-116.	0.7	8
80	Assessment of the Addition of Prehospital Continuous Positive Airway Pressure (CPAP) to an Urban Emergency Medical Services (EMS) System in Persons with Severe Respiratory Distress. <i>Journal of Emergency Medicine</i> , 2013, 45, 210-219.	0.3	22
81	The role of non-invasive positive pressure ventilation in post-extubation respiratory failure: An evaluation using meta-analytic techniques. <i>Indian Journal of Critical Care Medicine</i> , 2013, 17, 253-261.	0.3	7
82	Complications of non-invasive ventilation techniques: a comprehensive qualitative review of randomized trials. <i>British Journal of Anaesthesia</i> , 2013, 110, 896-914.	1.5	204
83	Ventilación mecánica no invasiva en la enfermedad pulmonar obstructiva crónica y en el edema agudo de pulmón cardiogénico. <i>Medicina Intensiva</i> , 2014, 38, 111-121.	0.4	30
84	Randomized Trial of Bilevel versus Continuous Positive Airway Pressure for Acute Pulmonary Edema. <i>Journal of Emergency Medicine</i> , 2014, 46, 130-140.	0.3	34
85	Noninvasive mechanical ventilation in chronic obstructive pulmonary disease and in acute cardiogenic pulmonary edema. <i>Medicina Intensiva (English Edition)</i> , 2014, 38, 111-121.	0.1	14
87	Noninvasive ventilation in acute respiratory failure. <i>International Journal of COPD</i> , 2014, 9, 837.	0.9	61
88	Pulmonary Oedema—Therapeutic Targets. <i>Cardiac Failure Review</i> , 2015, 1, 38.	1.2	12
89	Management of acute heart failure in cats. <i>Journal of Veterinary Cardiology</i> , 2015, 17, S173-S189.	0.3	14
90	The effect of adaptive servo-ventilation on dyspnoea, haemodynamic parameters and plasma catecholamine concentrations in acute cardiogenic pulmonary oedema. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2015, 4, 305-315.	0.4	18
91	Noninvasive ventilation for severely acidotic patients in respiratory intermediate care units. <i>BMC Pulmonary Medicine</i> , 2016, 16, 97.	0.8	27
92	Noninvasive Ventilation. <i>Clinics in Chest Medicine</i> , 2016, 37, 711-721.	0.8	44
93	Noninvasive Ventilation in Acute Cardiogenic Pulmonary Edema. , 2016, , 353-359.		0
94	Noninvasive Mechanical Ventilation in Older Patients. , 2016, , 451-456.		1
95	Emergency department critical care unit for critically ill cardiovascular patients: An observation study. <i>Journal of the Chinese Medical Association</i> , 2017, 80, 233-244.	0.6	4
96	Impact of continuous positive airway pressure on the pulmonary changes promoted by immersion in water. <i>Jornal Brasileiro De Pneumologia</i> , 2017, 43, 409-415.	0.4	1

#	ARTICLE	IF	CITATIONS
97	Pressure support ventilation vs Continuous positive airway pressure for treating of acute cardiogenic pulmonary edema: A pilot study. <i>Respiratory Physiology and Neurobiology</i> , 2018, 255, 7-10.	0.7	11
98	Comparison in the Management of Respiratory Failure due to Bronchiolitis in a Pediatric ICU Between 2010 and 2016. <i>Respiratory Care</i> , 2019, 64, 1270-1278.	0.8	11
99	Non-invasive positive pressure ventilation (CPAP or bilevel NPPV) for cardiogenic pulmonary oedema. <i>The Cochrane Library</i> , 2019, 2019, CD005351.	1.5	54
100	Mechanical Ventilation and Advanced Respiratory Support in the Cardiac Intensive Care Unit. , 2019, , 548-557.e5.		0
101	Noninvasive Positive Pressure Ventilation for Acute Decompensated Heart Failure. <i>Heart Failure Clinics</i> , 2020, 16, 271-282.	1.0	2
102	Acute respiratory failure in randomized trials of noninvasive respiratory support: A systematic review of definitions, patient characteristics, and criteria for intubation. <i>Journal of Critical Care</i> , 2020, 57, 141-147.	1.0	15
103	What is the role of noninvasive respiratory support and high-flow nasal cannula in the intensive care client?. , 2020, , 43-49.e1.		0
105	Bi-level Versus Continuous Positive Airway Pressure in Acute Cardiogenic Pulmonary Edema: A Randomized Control Trial. <i>Clinical Medicine Research</i> , 2015, 4, 221.	0.0	2
107	Sympathetic crashing acute pulmonary edema. <i>Indian Journal of Critical Care Medicine</i> , 2016, 20, 719-723.	0.3	20
108	Guidelines for noninvasive ventilation in acute respiratory failure. <i>Indian Journal of Critical Care Medicine</i> , 2006, 10, 117-147.	0.3	12
109	Bilevel positive airway pressure ventilation for non-COPD acute hypercapnic respiratory failure patients: A systematic review and meta-analysis. <i>Annals of Thoracic Medicine</i> , 2021, 16, 306.	0.7	3
110	Non-invasive ventilation in intensive care unit: yesterday, today, tomorrow (literature review). <i>Medical Alphabet</i> , 2021, , 42-51.	0.0	0
111	Non-invasive ventilation: a year in review. <i>Breathe</i> , 2005, 1, 302-307.	0.6	0
112	Non-invasive ventilation in acute respiratory failure. <i>Pulmonologiya</i> , 2005, , 37-54.	0.2	7
113	Transition of treatment with noninvasive positive pressure ventilation in the intensive care unit. <i>Journal of the Japanese Society of Intensive Care Medicine</i> , 2006, 13, 41-47.	0.0	1
114	Use of Continuous Positive Airway Pressure in Critically Ill Patients. <i>Yearbook of Intensive Care and Emergency Medicine</i> , 2006, , 392-399.	0.1	0
115	Aspects de la ventilation m�canique non invasive chez l'enfant et l'adulte. , 2007, , 285-298.		0
116	VI. Ventilaci�n no invasiva en pacientes con edema pulmonar agudo cardiog�nico. <i>Revista Chilena De Enfermedades Respiratorias</i> , 2008, 24, .	0.1	0

#	ARTICLE	IF	CITATIONS
117	Noninvasive Ventilation and Acute Heart Failure Syndrome. , 2008, , 477-485.		0
118	Aspects de la ventilation mécanique non invasive chez l'enfant et l'adulte. , 2009, , 339-352.		0
119	Noninvasive ventilation in acute heart failure: a meta-analysis. <i>Chest</i> , 2008, 134, 1063-1070.		0
121	Basic Airway Management and Decision-Making. , 2010, , 37-57.		1
122	Mask ventilation and cardiogenic pulmonary edema: another brick in the wall. <i>Chest</i> , 2012, 142, 1063-1070.		0
123	Guidelines for noninvasive ventilation in acute respiratory failure. <i>Indian Journal of Critical Care Medicine</i> , 2020, 17, 42-70.	0.3	1
124	NIV in acute respiratory failure. , 2013, , 166-170.		0
126	Supplemental Oxygen Therapy. , 2016, , 3-14.		0
127	NIV in acute respiratory failure. , 2019, , 546-552.		0
128	Akut hiperkapnik solunum yetmezliğinde noninvaziv mekanik ventilasyon sonrası geri dönebilirlik ve mortalite oranları. <i>Journal of Medicine and Palliative Care</i> , 2020, 1, 103-108.	0.0	1
129	Use of Continuous Positive Airway Pressure in Critically Ill Patients. , 2006, , 392-399.		0
131	Non-Invasive Ventilation in a Non-Standard Setting – Is it Safe to Ventilate Outside the ICU?. <i>Acta Medica Bulgarica</i> , 2020, 47, 41-47.	0.0	0
132	German S3 Guideline: Oxygen Therapy in the Acute Care of Adult Patients. <i>Respiration</i> , 2022, 101, 214-252.	1.2	15
133	The Impact of BiLevel Positive Airway Pressure (BiPAP) Application Timing on Emergency Room Length of Stay in Patients With Pulmonary Edema: A Single-Center, Retrospective Cohort Study. <i>Cureus</i> , 2022, ,	0.2	0