

A Systematic Review of the High-flow Nasal Cannula fo

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Acute Respiratory Failure and Pulmonary Complications in End-Stage Liver Disease. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2018, 39, 546-555.	2.1	12
2	Perioperative lung protective ventilation. <i>BMJ: British Medical Journal</i> , 2018, 362, k3030.	2.3	61
3	Insight to the growing utilizations of high flow nasal oxygen therapy over non-invasive ventilation in community teaching hospital: alternative or complementary?. <i>Hospital Practice (1995)</i> , 2018, 46, 170-171.	1.0	0
4	How to use humidified high-flow nasal cannula in breathless adults in the emergency department. <i>EMA - Emergency Medicine Australasia</i> , 2019, 31, 863-868.	1.1	1
5	Enhanced Recovery After Surgery (ERAS) in the Oncologic Patient. , 2019, , 1-32.		0
6	A prospective randomized comparative study of high-flow nasal cannula oxygen and non-invasive ventilation in hypoxemic patients undergoing diagnostic flexible bronchoscopy. <i>Journal of Thoracic Disease</i> , 2019, 11, 1929-1939.	1.4	34
7	Prospective pilot study for evaluation of high-flow oxygen therapy in dyspnoeic dogs: the HOT-DOG study. <i>Journal of Small Animal Practice</i> , 2019, 60, 656-662.	1.2	16
8	The Impact of High-Flow Nasal Cannula on the Outcome of Immunocompromised Patients with Acute Respiratory Failure: A Systematic Review and Meta-Analysis. <i>Medicina (Lithuania)</i> , 2019, 55, 693.	2.0	11
9	High-flow nasal cannula therapy reduced the respiratory rate and respiratory distress in a standard model simulator and in patients with hypoxemic respiratory failure. <i>Chronic Respiratory Disease</i> , 2019, 16, 147997311988089.	2.4	3
10	Noninvasive High Flow Versus Noninvasive Positive Pressure in Children With Severe Bronchiolitis. <i>Pediatric Critical Care Medicine</i> , 2019, 20, 192-193.	0.5	4
11	Effects of flow rate on transnasal pulmonary aerosol delivery of bronchodilators via high-flow nasal cannula for patients with COPD and asthma: protocol for a randomised controlled trial. <i>BMJ Open</i> , 2019, 9, e028584.	1.9	3
12	Effect of high-flow nasal therapy on dyspnea, comfort, and respiratory rate. <i>Critical Care</i> , 2019, 23, 201.	5.8	34
13	<p>Nasal high flow: physiology, efficacy and safety in the acute care setting, a narrative review</p>. <i>Open Access Emergency Medicine</i> , 2019, Volume 11, 109-120.	1.3	22
14	Noninvasive Respiratory Support for Postextubation Respiratory Failure. <i>Respiratory Care</i> , 2019, 64, 658-678.	1.6	10
15	The Ratio of Nasal Cannula Gas Flow to Patient Inspiratory Flow on Trans-nasal Pulmonary Aerosol Delivery for Adults: An in Vitro Study. <i>Pharmaceutics</i> , 2019, 11, 225.	4.5	24
16	Success or Failure of High-Flow Nasal Oxygen Therapy: The ROX Index Is Good, but a Modified ROX Index May Be Better. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 200, 116-117.	5.6	18
17	Physiopathological rationale of using high-flow nasal therapy in the acute and chronic setting: A narrative review. <i>Trends in Anaesthesia and Critical Care</i> , 2019, 26-27, 22-29.	0.9	17
18	A Core Outcome Set for Critical Care Ventilation Trials. <i>Critical Care Medicine</i> , 2019, 47, 1324-1331.	0.9	57

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19	High-flow versus standard nasal cannula in morbidly obese patients during colonoscopy: A prospective, randomized clinical trial. <i>Journal of Clinical Anesthesia</i> , 2019, 54, 19-24.	1.6	70
20	A review of the use of transnasal humidified rapid insufflation ventilatory exchange for patients undergoing surgery in the shared airway setting. <i>Journal of Anesthesia</i> , 2020, 34, 134-143.	1.7	30
21	High-Flow Nasal Cannula Versus Conventional Oxygen Therapy in Relieving Dyspnea in Emergency Palliative Patients With Do-Not-Intubate Status: A Randomized Crossover Study. <i>Annals of Emergency Medicine</i> , 2020, 75, 615-626.	0.6	40
22	Effect of High-Flow Nasal Cannula Oxygen Therapy in Immunocompromised Subjects With Acute Respiratory Failure. <i>Respiratory Care</i> , 2020, 65, 369-376.	1.6	16
23	Optiflow [®] , a high-flow humidified oxygen delivery during spinal anesthesia. <i>Canadian Journal of Anaesthesia</i> , 2020, 67, 500-501.	1.6	0
24	Effects of high-flow nasal oxygen during prolonged deep sedation on postprocedural atelectasis. <i>European Journal of Anaesthesiology</i> , 2020, 37, 1025-1031.	1.7	3
25	Management of immune checkpoint inhibitor-related acute hypoxic neuromuscular respiratory failure using high-flow nasal cannula. <i>Baylor University Medical Center Proceedings</i> , 2020, 33, 407-408.	0.5	5
26	Efficacy of high-flow nasal prong therapy in trauma patients with rib fractures and high-risk features for respiratory deterioration: a randomized controlled trial. <i>Trauma Surgery and Acute Care Open</i> , 2020, 5, e000460.	1.6	7
27	High-flow nasal cannula oxygen therapy: Alternative respiratory therapy for severe post-transplant hypoxemia in children with hepatopulmonary syndrome. <i>Pediatric Transplantation</i> , 2020, 24, e13813.	1.0	3
28	The Effectiveness of High-Flow Nasal Oxygen During the Intraoperative Period: A Systematic Review and Meta-analysis. <i>Anesthesia and Analgesia</i> , 2020, 131, 1102-1110.	2.2	23
29	Right Heart Failure in Pulmonary Hypertension. <i>Cardiology Clinics</i> , 2020, 38, 243-255.	2.2	42
30	Early prediction of high flow nasal cannula therapy outcomes using a modified ROX index incorporating heart rate. <i>Journal of Intensive Care</i> , 2020, 8, 41.	2.9	53
31	Carbon Monoxide Poisoning Effectively Treated with High-flow Nasal Cannula. <i>Clinical Practice and Cases in Emergency Medicine</i> , 2020, 4, 42-45.	0.3	1
32	High Flow Nasal Therapy Use in Patients with Acute Exacerbation of COPD and Bronchiectasis: A Feasibility Study. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2020, 17, 184-190.	1.6	20
33	Guidelines for the Management of Adult Acute and Acute-on-Chronic Liver Failure in the ICU: Cardiovascular, Endocrine, Hematologic, Pulmonary, and Renal Considerations. <i>Critical Care Medicine</i> , 2020, 48, e173-e191.	0.9	76
34	What is the role of noninvasive respiratory support and high-flow nasal cannula in the intensive care client?. , 2020, , 43-49.e1.		0
35	Simultaneous reduction of flow and fraction of inspired oxygen (FiO ₂) versus reduction of flow first or FiO ₂ first in patients ready to be weaned from high-flow nasal cannula oxygen therapy: study protocol for a randomized controlled trial (SLOWH trial). <i>Trials</i> , 2020, 21, 81.	1.6	8
36	Factors Associated With Failure of High-Flow Nasal Cannula. <i>Respiratory Care</i> , 2020, 65, 1276-1284.	1.6	9

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37	High-Flow Oxygen Therapy During Exercise Training in Patients With Chronic Obstructive Pulmonary Disease and Chronic Hypoxemia: A Multicenter Randomized Controlled Trial. <i>Physical Therapy</i> , 2020, 100, 1249-1259.	2.4	16
38	Evaluation and management of the critically ill adult asthmatic in the emergency department setting. <i>American Journal of Emergency Medicine</i> , 2021, 44, 441-451.	1.6	10
39	Predicting nasal high-flow therapy failure by pediatric respiratory rate-oxygenation index and pediatric respiratory rate-oxygenation index variation in children. <i>European Journal of Pediatrics</i> , 2021, 180, 1099-1106.	2.7	20
40	Nasal High-flow Oxygen Versus Conventional Oxygen Therapy for Acute Severe Asthma Patients: A Pilot Randomized Controlled Trial. <i>Academic Emergency Medicine</i> , 2021, 28, 530-541.	1.8	11
41	High-Flow Nasal Cannulae. , 2021, , 25-32.		0
42	High frequency jet ventilation through mask contributes to oxygen therapy among patients undergoing bronchoscopic intervention under deep sedation. <i>BMC Anesthesiology</i> , 2021, 21, 65.	1.8	3
43	Application of surgical mask with high-flow nasal cannula (HFNC) leads to improved oxygenation in patients with COVID-19: a set of case reports. <i>Vnitřní Lekarství</i> , 2021, 67, e29-e33.	0.2	1
44	The role of ROX and mROX indices in predicting intubation in COVID 19 patients treated with high flow nasal oxygen in Intensive Care Unit. <i>Journal of Clinical Medicine of Kazakhstan</i> , 2021, 18, 18-22.	0.3	0
45	Emergency Department-initiated High-flow Nasal Cannula for COVID-19 Respiratory Distress. <i>Western Journal of Emergency Medicine</i> , 2021, 22, 979-987.	1.1	8
46	Effectiveness and Harms of High-Flow Nasal Oxygen for Acute Respiratory Failure: An Evidence Report for a Clinical Guideline From the American College of Physicians. <i>Annals of Internal Medicine</i> , 2021, 174, 952-966.	3.9	19
47	Outcomes and characteristics of COVID-19 patients treated with continuous positive airway pressure/high-flow nasal oxygen outside the intensive care setting. <i>ERJ Open Research</i> , 2021, 7, 00318-2021.	2.6	12
48	High flow nasal cannula versus standard low flow nasal oxygen during flexible bronchoscopy in children: A randomized controlled trial. <i>Pediatric Pulmonology</i> , 2021, 56, 4001-4010.	2.0	14
49	High-Flow Nasal Cannula and COVID-19: A Clinical Review. <i>Respiratory Care</i> , 2022, 67, 227-240.	1.6	51
50	Tubeless Anesthesia in Subglottic Stenosis: Comparative Review of Apneic Low-flow Oxygenation With THRIVE. <i>Laryngoscope</i> , 2022, 132, 1231-1236.	2.0	13
51	A Multifaceted Extubation Protocol to Reduce Reintubation Rates in the Surgical ICU. <i>Joint Commission Journal on Quality and Patient Safety</i> , 2021, , .	0.7	0
52	Is high-flow safer than low-flow nasal oxygenation for procedural sedation?. <i>Canadian Journal of Anaesthesia</i> , 2021, 68, 439-444.	1.6	0
53	Weaning Protocol for Severe COVID-19 Patients on High-Flow Nasal Cannula Oxygen Therapy. <i>Indian Journal of Respiratory Care</i> , 2021, 10, 264-265.	0.1	0
54	An experience of subglottic airway foreign body removal in a patient under tracheal intubation: a case report. <i>JA Clinical Reports</i> , 2020, 6, 76.	0.7	1

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55	Practical guidance for oxygen treatment and respiratory support of patients with COVID-19 infection before admission to intensive care unit. <i>Pulmonologiya</i> , 2020, 30, 151-163.	0.8	24
56	Noninvasive respiratory support in acute hypoxemic respiratory failure associated with COVID-19 and other viral infections. <i>Minerva Anestesiologica</i> , 2020, 86, 1190-1204.	1.0	37
57	Hypoxemia and oxygen therapy. <i>The Journal of Association of Chest Physicians</i> , 2020, 8, 42.	0.1	2
58	Guidelines for diagnostic flexible bronchoscopy in adults: Joint Indian Chest Society/National College of chest physicians (I)/Indian association for bronchology recommendations. <i>Lung India</i> , 2019, 36, 37.	0.7	43
59	Clinical outcomes of high-flow nasal cannula in COVID-19 associated postextubation respiratory failure. A single-centre case series. <i>Anaesthesiology Intensive Therapy</i> , 2020, 52, 373-376.	1.0	9
60	Bronchodilator Delivery via High-Flow Nasal Cannula: A Randomized Controlled Trial to Compare the Effects of Gas Flows. <i>Pharmaceutics</i> , 2021, 13, 1655.	4.5	5
62	Fall 16 "Luftnot." , 2019, , 231-247.		0
63	NIV in acute respiratory failure. , 2019, , 546-552.		0
65	Enhanced Recovery After Surgery (ERAS) in the Oncologic Patient. , 2020, , 1611-1640.		0
66	Hypoxie. , 2020, , 219-227.		0
67	Inhalotherapy in Noninvasive Ventilation. <i>Advances in Medical Diagnosis, Treatment, and Care</i> , 2020, , 180-192.	0.1	0
69	Factors affecting the use of neurally adjusted ventilatory assist in the adult critical care unit: a clinician survey. <i>BMJ Open Respiratory Research</i> , 2020, 7, e000783.	3.0	2
70	Impact of flow and temperature on non-dyspnoeic dogs' tolerance undergoing high-flow oxygen therapy. <i>Journal of Small Animal Practice</i> , 2021, 62, 265-271.	1.2	7
71	High-flow nasal cannula: A narrative review of current uses and evidence. <i>Airway</i> , 2020, 3, 66.	0.1	0
72	Acute Airway Management and Ventilation in the Neurocritical Care Unit. <i>Current Clinical Neurology</i> , 2020, , 31-47.	0.2	2
73	Incidental Finding of Mediastinal Mass in A Patient with A Confirmed Diagnosis of Moderate to Severe COVID-19: Case Report. , 2020, 01, .		0
74	High Flow Nasal Canula (HFNC). , 2020, , 35-43.		0
75	Successful Use of High-Flow Nasal Cannula for Concurrent Vocal Cord Electromyography and Tubeless Microlaryngeal Surgery in a Spontaneously Breathing Adult Patient: A Case Report. <i>A&A Practice</i> , 2020, 14, 99-101.	0.4	0

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78	Modified high-flow nasal cannula oxygen therapy versus conventional oxygen therapy in patients undergoing bronchoscopy: a randomized clinical trial. <i>BMC Pulmonary Medicine</i> , 2021, 21, 367.	2.0	13
79	Prehospital Noninvasive Ventilation: An NAEMSP Position Statement and Resource Document. <i>Prehospital Emergency Care</i> , 2022, 26, 80-87.	1.8	2
80	High-flow nasal oxygenation reduces the risk of desaturation in adults receiving procedural sedation: a meta-analysis of randomized controlled trials. <i>Perioperative Medicine (London, England)</i> , 2021, 10, 41.	1.5	3
81	Predictors of Repeat Medical Emergency Team Activation in Deteriorating Ward Patients: A Retrospective Cohort Study. <i>Journal of Clinical Medicine</i> , 2022, 11, 1736.	2.4	2
82	A Comparison of Oxygenation Efficacy between High-Flow Nasal Cannulas and Standard Facemasks during Elective Tracheal Intubation for Patients with Obesity: A Randomized Controlled Trial. <i>Journal of Clinical Medicine</i> , 2022, 11, 1700.	2.4	7
83	Comparison of the effectiveness of high-flow nasal oxygen vs. standard facemask oxygenation for pre- and apneic oxygenation during anesthesia induction: a systematic review and meta-analysis. <i>BMC Anesthesiology</i> , 2022, 22, 100.	1.8	9
84	High flow nasal oxygen versus conventional oxygen therapy in gastrointestinal endoscopy with conscious sedation: Systematic review and meta-analysis with trial sequential analysis. <i>Digestive Endoscopy</i> , 2022, 34, 1136-1146.	2.3	5
85	Can We Finally Take the "VE" Out of THRIVE?. <i>Anesthesiology</i> , 2022, 136, 1-3.	2.5	3
86	High Flow Nasal Cannula as Support in Immunocompromised Patients with Acute Respiratory Failure: A Retrospective Study. <i>Open Respiratory Medicine Journal</i> , 2021, 15, 61-67.	0.4	0
89	Right heart failure: A narrative review for emergency clinicians. <i>American Journal of Emergency Medicine</i> , 2022, 58, 106-113.	1.6	7
90	Non-Invasive Positive airway Pressure therapy to Reduce Postoperative Lung complications following Upper abdominal Surgery (NIPPER PLUS): a pilot randomised control trial. <i>Physiotherapy</i> , 2022, , .	0.4	2
91	Oxygen as an Essential Medicine. <i>Critical Care Clinics</i> , 2022, 38, 795-808.	2.6	4
92	Comparison of Transnasal Humidified Rapid-Insufflation Ventilatory Exchange and Facemasks in Preoxygenation: A Systematic Review and Meta-Analysis. <i>BioMed Research International</i> , 2022, 2022, 1-9.	1.9	0
93	High-flow nasal cannula oxygen therapy during anesthesia recovery for older orthopedic surgery patients: A prospective randomized controlled trial. <i>World Journal of Clinical Cases</i> , 2022, 10, 8615-8624.	0.8	0
94	High flow nasal cannula for patients undergoing bronchoscopy and gastrointestinal endoscopy: A systematic review and meta-analysis. <i>Frontiers in Surgery</i> , 0, 9, .	1.4	6
95	Analysis of risk factors for the failure of respiratory support with high-flow nasal cannula oxygen therapy in children with acute respiratory dysfunction: A case-control study. <i>Frontiers in Pediatrics</i> , 0, 10, .	1.9	3
96	S/F and <sc>ROX</sc> indices in predicting failure of high-flow nasal cannula in children. <i>Pediatrics International</i> , 2022, 64, .	0.5	4
97	Role of high flow nasal cannula (HFNC) for pre-oxygenation among pregnant patients: Current evidence and review of literature. <i>Journal of Obstetric Anaesthesia and Critical Care</i> , 2022, 12, 99.	0.1	1

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98	The quality and quantity of sleep on dexmedetomidine during high-flow nasal cannula oxygen therapy in critically ill patients. <i>Journal of Medical Investigation</i> , 2022, 69, 266-272.	0.5	2
99	Comment on Liu et al. Application of High-Flow Nasal Cannula in COVID-19: A Narrative Review. <i>Life</i> 2022, 12, 1419. <i>Life</i> , 2022, 12, 1625.	2.4	1
101	Efficacy and safety of high-flow nasal cannula therapy in elderly patients with acute respiratory failure. <i>Pulmonology</i> , 2023, , .	2.1	1
102	Delayed mechanical ventilation with prolonged high-flow nasal cannula exposure time as a risk factor for mortality in acute respiratory distress syndrome due to SARS-CoV-2. <i>Internal and Emergency Medicine</i> , 2023, 18, 429-437.	2.0	1
104	Changes in Oxygen Saturation During Fiberoptic Bronchoscopy: High-Flow Nasal Cannula versus Standard Oxygen Therapy. <i>Respiratory Care</i> , 2023, 68, 727-733.	1.6	2
105	Acute Respiratory Distress Syndrome, Mechanical Ventilation, and Inhalation Injury in Burn Patients. <i>Surgical Clinics of North America</i> , 2023, 103, 439-451.	1.5	1
106	The use of High-Flow Nasal Oxygen Therapy in 4 dogs undergoing bronchoscopy. <i>Frontiers in Veterinary Science</i> , 0, 10, .	2.2	1
107	The COVID-19 Driving Force: How It Shaped the Evidence of Non-Invasive Respiratory Support. <i>Journal of Clinical Medicine</i> , 2023, 12, 3486.	2.4	1
108	Effect of post-extubation high-flow nasal cannula combined with respiratory training versus conventional oxygen therapy on postoperative pulmonary complications in patients after major abdominal surgery: protocol for a single-centre randomized controlled trial. <i>Trials</i> , 2023, 24, .	1.6	2
109	The effectiveness of supplemental oxygen and high-flow nasal cannula therapy in patients with obstructive sleep apnea in different clinical settings: A systematic review and meta-analysis. <i>Journal of Clinical Anesthesia</i> , 2023, 88, 111144.	1.6	3
110	Modified Respiratory Rate Oxygenation Index: An Early Warning Index for the Need of Intubation in COVID-19 Patients with High-Flow Nasal Cannula Therapy. <i>Journal of Emergency Medicine</i> , 2023, 65, e93-e100.	0.7	0
111	Assessing swallowing disorders in adults on high-flow nasal cannula in critical and non-critical care settings. A scoping review protocol. <i>PLoS ONE</i> , 2023, 18, e0291803.	2.5	0
113	Efficacy of different respiratory supports to prevent hypoxia during flexible bronchoscopy in patients of COPD: a triple-arm, randomised controlled trial. <i>BMJ Open Respiratory Research</i> , 2023, 10, e001524.	3.0	0