

26. Ucgun I, Metintas M, Moral H, Alatas F, Yildirim H, Erginel S. Predictors of hospital outcome and intubation in COPD patients admitted to the respiratory ICU for acute hypercapnic respiratory failure. *Respir Med* 2006;100:66-74.
27. Breen D, Churches T, Hawker F, Torzillo PJ. Acute respiratory failure secondary to chronic obstructive pulmonary disease treated in the intensive care unit: a long term follow up study. *Thorax* 2002;57:29- 33.
28. Berkus J, Nolin T, Mårdh C, Karlström G, Walther SM, Swedish Intensive Care Registry. Characteristics and long-term outcome of acute exacerbations in chronic obstructive pulmonary disease: an analysis of cases in the Swedish intensive care registry during 2002-2006. *Acta Anaesthesiol Scand* 2008;52:759-65.
29. Alathian AM, Memon JI, Rehmani RS, Qureshi AA, Salam A. Chronic obstructive pulmonary disease: hospital and intensive care unit outcomes in the Kingdom of Saudi Arabia. *Int J Chron Obstruct Pulmon Dis*. 2012;7:819-823. doi:10.2147/COPD.S37611
30. Conti G, Antonelli M, Navalesi P, et al. Noninvasive vs. conventional mechanical ventilation in patients with chronic obstructive pulmonary disease after failure of medical treatment in the ward: a randomized trial. *Intensive Care Med*. 2002;28(12):1701-1707. doi:10.1007/s00134-002-1478-0
31. Pieter Veenstra 1, Nic J G M Veeger 2, Ralph J H Koppers 1, Marieke L Duiverman 3, Wouter H van Geffen High-flow nasal cannula oxygen therapy for admitted COPD-patients. A retrospective cohort study *PLoS One* . 2022 Oct 5;17(10):e0272372. doi: 10.1371/journal.pone.0272372
32. Li XJ, Li Q, Si LY, Yuan QY. Bacteriological Differences Between COPD Exacerbation and Community-Acquired Pneumonia. *Respir Care*. 2011;56(11):1818-1824. doi:10.4187/respcare.00915
33. Eller J, Ede A, Schaberg T, Niederman MS, Mauch H, Lode H. Infective exacerbations of chronic bronchitis: relation between bacteriologic etiology and lung function. *Chest*. 1998;113(6):1542-1548. doi:10.1378/chest.113.6.1542
34. Roche N, Kouassi B, Rabbat A, Mounedji A, Lorut C, Huchon G. Yield of Sputum Microbiological Examination in Patients Hospitalized for Exacerbations of Chronic Obstructive Pulmonary Disease with Purulent Sputum. *Respiration*. 2007;74(1):19-25. doi:10.1159/00009315
35. Nicholson JP, Wolmarans MR, Park GR. The role of albumin in critical illness. *Br J Anaesth* 2000;85:599-610.
36. Freire AX, Bridges L, Umpierrez GE, Kuhl D, Kitabchi AE. Admission hyperglycemia and other risk factors as predictors of hospital mortality in a medical ICU population. *Chest* 2005;128:3109-16.
37. Fan E, Brodie D, Slutsky AS. Acute respiratory distress syndrome: advances in diagnosis and treatment. *JAMA* 2018;319:698-710.
38. Wagner PD. Assessment of gas exchange in lung disease: balancing accuracy against feasibility. *Crit Care* 2007;11:182.