

Evaluation of PEEP and prone positioning in early COVID-19 ...

https://www.thelancet.com/journals/eclinm/article/PIIS2589-5370(20)30323-0/fulltext

In face of the Coronavirus Disease (COVID)-19 pandemic, best practice for mechanical ventilation in COVID-19 associated Acute Respiratory Distress Syndrome (ARDS) is intensely debated. Specifically, the rationale for high positive end-expiratory pressure (PEEP) and prone positioning in early COVID-19 ARDS has been questioned.

Cited by: 9 Author: Mirja Mittermaier, Philipp Pickerodt, Flori... Publish Year: 2020

Oxygenation and Ventilation | COVID-19 Treatment Guidelines

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Dec 17, 2020 - The Panel recommends using a higher positive end-expiratory pressure (PEEP) strategy over a lower PEEP strategy (Blla). For mechanically ventilated adults with COVID-19 and refractory hypoxemia despite optimized ventilation, the Panel recommends prone ventilation for 12 to 16 hours per day over no prone ventilation (Blla). Rationale

Effect of Positive End-Expiratory Pressure and Proning on ...

https://pubmed.ncbi.nlm.nih.gov/33075235

Effect of Positive End-Expiratory Pressure and Proning on Ventilation and Perfusion in COVID-19 Acute Respiratory Distress Syndrome Am J Respir Crit Care Med . 2020 Dec 15;202(12):1713-1717. doi: 10.1164/rccm.202008-3058LE.

Cited by: 3 Author: François Perier, Samuel Tuffet, Tommaso... Publish Year: 2020

Prone Position in Management of COVID-19 Patients; a ...

https://pubmed.ncbi.nlm.nih.gov/32309812

SARS-CoV-2 virus causes a pneumonia that was identified through fever, dyspnea, and acute respiratory symptoms and named COVID-19. This disease exacerbates in a number of patients and causes pulmonary edema, multi-organ failure, and acute respiratory distress syndrome (ARDS). Prevalence of ARDS among COVID-19 patients has been reported to be up to 17%.

Cited by: 10 Author: Parisa Ghelichkhani, Maryam Esmaeili

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https://pubmed.ncbi.nlm.nih.gov/33073217

Decremental PEEP trials confirmed the need for high PEEP (17.9 (SD ± 3.9) mbar) for optimal oxygenation, while driving pressures remained low. Prone positioning substantially increased oxygenatio...

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[PDF] Evaluation of PEEP and prone positioning in early COVID-19 ...

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Interpretation: In early COVID-19 ARDS, substantial PEEP values were required for optimizing
oxygenation. Pulmonary opacities resolved during mechanical ventilation with high PEEP suggesting...

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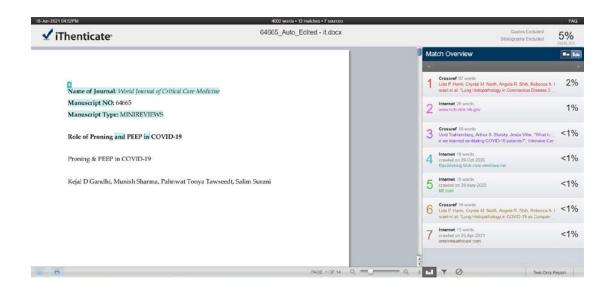
positive end-expiratory pressure (PEEP) lung-protective ... we discuss the potential role of HFNC, NIV (including helmet), and awake proning in the management of COVID-19-induced acute respiratory failur...

Role of awake prone positioning in patients with moderate ...

https://pubmed.ncbi.nlm.nih.gov/33666067

Awake prone positioning is a valuable and safe therapeutic adjunct that can be applied in patients with moderate-to-severe COVID-19. It can also be included in the home-based management protocols of...

Pitad hv: 1 Author: Iffat Khaniim Fatima Samar Voiisiif Fatim



Role of proning and positive end-expiratory pressure in COVID-19





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Prone Position of Patients With COVID-19 and Acute ...

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7260515/#!po=2.94118

May 30, 2020 · The Society of Critical Care Medicine Surviving Sepsis Campaign COVID-19 Guidelines 6 found weak evidence supporting the efficacy of high-flow nasal cannula and ... and higher positive endexpiratory pressure (PEEP) should be followed. 4, 6 Other interventions include ... Enteral feedings are held before proning the patient but are often re ...

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