

Name of Journal: *World Journal of Clinical Cases*

Manuscript NO: 54191

Manuscript Type: CASE REPORT

Helmet-based noninvasive ventilation for acute exacerbation of chronic obstructive pulmonary disease: A case report

Park MH *et al.* Salvage treatment for AECOPD

Mi Hwa Park, Min Jeong Kim, Ah Jin Kim, Man-Jong Lee, Jung-Soo Kim

Abstract

BACKGROUND

Noninvasive ventilation (NIV) reduces intubation rates, mortalities, and lengths of hospital and intensive care unit stays in patients with acute exacerbation of chronic obstructive pulmonary disease (AECOPD). Helmet-based NIV is better tolerated than

Match Overview

- | Match Number | Source | Words | Similarity |
|--------------|---|----------|------------|
| 1 | Internet | 15 words | 1% |
| | crawled on 28-Aug-2017
minerva-access.unimelb.edu.au | | |
| 2 | Crossref | 14 words | 1% |
| | Vicki Keough. "Blunt Chest Trauma: Review of Selected Pulmonary Injuries Focusing on Pulmonary Contusion", AACN Clin... | | |



ALL

IMAGES

VIDEOS

关闭取词

30,700 Results

Any time ▾

Noninvasive Ventilation for Acute Exacerbations of Chronic ...

<https://www.nejm.org/doi/full/10.1056/NEJM199509283331301>

In patients with **acute exacerbations of chronic obstructive pulmonary disease**, **noninvasive ventilation** may be used in an attempt to avoid **endotracheal intubation and complications associated with mechanical ventilation**.

Cited by: 2480

Author: L Aurent, B Rochard, J Ordi M Ancebo,...

Publish Year: 1995

Noninvasive Positive Pressure Ventilation Using a Helmet ...

<https://anesthesiology.pubs.asahq.org/article.aspx?articleid=1943689> ▾

Noninvasive Positive Pressure **Ventilation** Using a Helmet in Patients with **Acute Exacerbation of Chronic Obstructive Pulmonary Disease**: A Feasibility Study You will receive an email whenever this article is corrected, updated, or cited in the literature.

Cited by: 225

Author: Massimo Antonelli, Mariano Alberto Pe...

Publish Year: 2004

The use of non-invasive ventilation in an exacerbation of ...

<https://www.magonlinelibrary.com/doi/abs/10.12968/bjon.2019.28.22.1461>

Noninvasive ventilation for acute exacerbations of chronic obstructive pulmonary disease. N Engl J Med. 1995;333(13):817-22. Crossref, Medline, Google Scholar; Broström A, Fridlund B, Ulander M, Sunnergren O, Svanborg E, Nilsen P. A mixed method evaluation of a **group-based** educational programme for CPAP use in patients with **obstructive sleep apnea**.

Author: Andrew Ratan

Publish Year: 2019

Ward-Based Non-Invasive Ventilation in Acute Exacerbations ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6315392>

Dec 09, 2018 · Non-invasive **ventilation** (NIV) is frequently used as a treatment for **acute** hypercapnic respiratory failure (AHRF) in hospitalised patients with **acute exacerbation of chronic obstructive pulmonary disease** (AECOPD). In the UK, many patients with AHRF secondary to AECOPD are treated with ward-based NIV, rather than being treated in critical care.

Cited by: 4

Author: Samuel P. Trethewey, Ross G. Edgar, A...



Helmet-based noninvasive ventilation for acute exacerb...

Add the Give with Bing extension

ALL IMAGES VIDEOS

30,700 Results Any time

Noninvasive Ventilation for Acute Exacerbations of Chronic ...

<https://www.nejm.org/doi/10.1056/NEJM199509283331301>

In patients with acute exacerbations of chronic obstructive pulmonary disease, noninvasive ventilation may be used in an attempt to avoid endotracheal intubation and complications associated with mechanical ventilation.

Cited by: 2480 Author: L Aurent, B Rochard, J Ordi M Ancebo, M Ar...
Publish Year: 1995

Noninvasive Ventilation for Acute Exacerbations of Chronic ...

<https://www.nejm.org/doi/full/10.1056/NEJM199509283331301>

Background In patients with acute exacerbations of chronic obstructive pulmonary disease, noninvasive ventilation may be used in an attempt to avoid endotracheal intubation and complications associ...

Cited by: 2480 Author: L Aurent, B Rochard, J Ordi M Ancebo, M Ar...
Publish Year: 1995

Noninvasive Positive Pressure Ventilation Using a Helmet ...

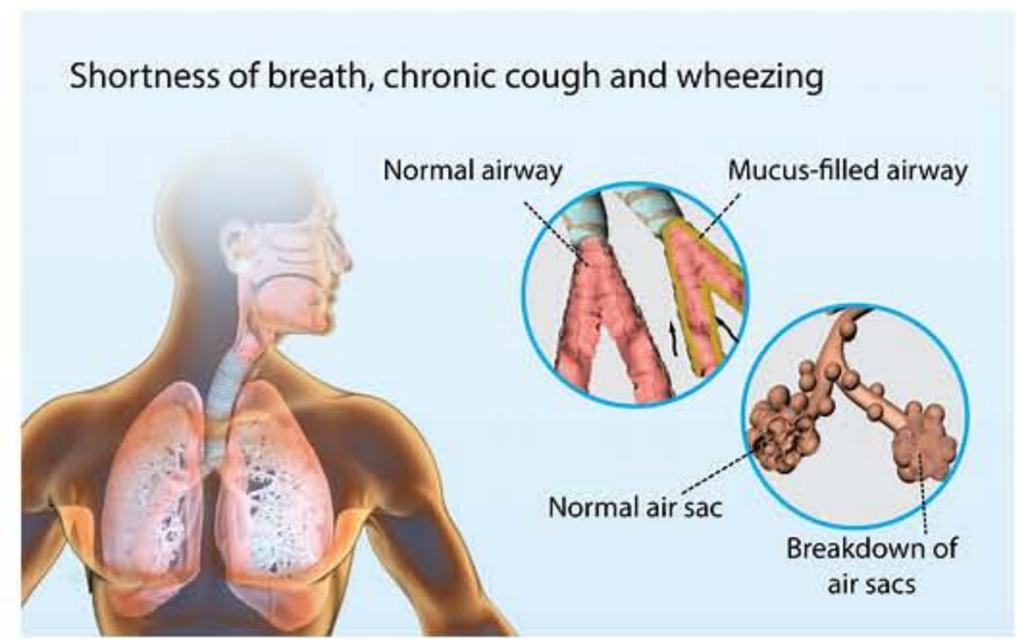
<https://anesthesiology.pubs.asahq.org/article.aspx?articleid=1943689>

Chronic C... Disease

Medical Condition

Support nonprofits responding to COVID-19 when you search on Bing

MAYBE LATER **YES**



A group of progressive lung disorders characterized by increasing breathlessness.



Helmet-based noninvasive ventilation for acute exacerbations



ALL

IMAGES

VIDEOS

MAPS

NEWS

SHOPPING

30,700 Results

Any time ▾

[Noninvasive Positive Pressure Ventilation Using a Helmet ...](#)

<https://anesthesiology.pubs.asahq.org/article.aspx?articleid=1943689>

Noninvasive Positive Pressure **Ventilation** Using a Helmet in Patients with **Acute Exacerbation of Chronic Obstructive Pulmonary Disease**: A Feasibility Study You will receive an email whenever this article is corrected, updated, or cited in the literature.

Cited by: 223

Author: Massimo Antonelli, Mariano Alberto Penni...

Publish Year: 2004

[Invasive to Noninvasive Ventilation in Chronic Obstructive ...](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4923610>

Noninvasive ventilation with orofacial or **nasal mask** avoids the need for **endotracheal intubation** and reduces the risk of complications associated with **mechanical ventilation**. Several investigators have studied the use of **noninvasive positive pressure ventilation (NPPV)** in patients with **acute exacerbation** of COPD [2, 3]. We present a case that was successfully managed and weaned off early from **ventilator** using **noninvasive positive pressure ventilation**.

Cited by: 1

Author: RM Sharma, A Handa, R Chaturvedi

Publish Year: 2003

[Comparison of helmet and facial mask during noninvasive ...](#)

<https://www.ncbi.nlm.nih.gov/pubmed/26281326>

Comparison of helmet and facial mask during noninvasive **ventilation** in patients with **acute exacerbation of chronic obstructive pulmonary disease**: a randomized controlled study. Özlem ÇG, Ali A, Fatma U, Mehtap T, Şaziye Ş.

Cited by: 6

Author: Özlem Çg, Ali A, Fatma U, Mehtap T, Şazi...

Publish Year: 2015