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Author: François Bagate, Samuel Tuffet, Paul M... Publish Year: 2020

Efficacy of Almitrine in the Treatment of Hypoxemia in ...

[https://journal.chestnet.org/article/S0012-3692\(20\)31643-3/fulltext](https://journal.chestnet.org/article/S0012-3692(20)31643-3/fulltext)

This may be explained by the fact that, in our study, **almitrine** has been used as a rescue therapy in severe **patients** with worsening **hypoxemia** and very low Pa o₂/Fi o₂ ratio. Even though this is a small sample study without control group, our data show that enhancing HPV is an encouraging strategy to reduce **hypoxemia** in Sars-Cov-2 ARDS.

Cited by: 2 Author: Romain Barthélémy, Pierre-Louis Blot, Amb...

Publish Year: 2020

COVID-19 – A vascular disease - ScienceDirect

<https://www.sciencedirect.com/science/article/pii/S1050173820301286>

Oct 14, 2020 · Accumulating evidence from basic science, imaging and clinical observations, has clarified the picture of **COVID-19** as a **vascular disease**. Understanding the **disease** in this context may provide novel avenues of understanding **COVID-19** and lead to **critically** needed improvements in ...

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Jan 01, 2021 Reports from hospitalized COVID-19 patients reveal an activation of the immune system that displays findings consistent with cytokine storm, macrophage activating syndrome and subsequent immune exhaustion, most severe in the sickest patients [5,6]. This hyper-inflammatory state has deleterious effects on the vascular system with resulting EC ...
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Heparin as a therapy for COVID-19: current evidence and ...

https://journals.physiology.org/doi/full/10.1152/ajplung.00199.2020
Jul 20, 2020 Early anecdotal evidence of venous thromboembolism (VTE) in critically ill patients has been confirmed by multiple case series describing high rates of VTE in COVID-19, with incidence estimates ranging between 8% and 54% (18, 22), significantly exceeding those reported in critically ill patients with H1N1 influenza of 2% and sepsis of 5%.
Cited by: 10 Author: Joseph A Hippensteel, Wells B LaRiviere, J...
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Coronavirus disease 2019 (COVID-19): Acute limb ischemia ...

https://www.uptodate.com/contents/coronavirus...
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Cerebral microhaemorrhage in COVID-19: a critical illness ...

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Treating COVID-19 with Radiotherapy | American Council on ...

https://www.acsh.org/news/2020/07/22/treating-covid-19-radiotherapy-14922
Jul 22, 2020 - The researchers identified nine possible candidates, but to give you a sense of how critically ill these patients were, four died before treatment could be initiated. All patients had COVID-19 based upon nasopharyngeal swabs, none had any other COVID-directed drug therapy the day before or for three days following treatment, and all were ...

Convalescent plasma may be safe, effective late-stage ...

https://www.healio.com/news/pulmonology/20201102/...
Nov 02, 2020 - Results from a small case series provided preliminary evidence that convalescent plasma therapy appears to be a safe and effective late-stage treatment for patients with COVID-19 ...

Nebulised heparin as a treatment for COVID-19: scientific ...

https://ccforum.biomedcentral.com/articles/10.1186/s13054-020-03148-2
Jul 21, 2020. Nebulised unfractonated heparin (UFH) has a strong scientific and biological rationale and warrants urgent investigation of its therapeutic potential, for COVID-19-induced acute respiratory distress syndrome (ARDS). COVID-19 ARDS displays the typical features of diffuse alveolar damage with extensive pulmonary coagulation activation resulting in fibrin deposition in the microvasculature and ...

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https://www.cdc.gov/coronavirus/2019-ncov/hcp/...
Dec 08, 2020 - Additional resources and guidance documents on the treatment and management of COVID-19, including inpatient management of critically ill patients, are provided below. Hypercoagulability and COVID-19 Some patients with COVID-19 may have signs of a hypercoagulable state and be at increased risk for venous and arterial thrombosis of large and ...

COVID-19 and the kidney | Cleveland Clinic Journal of Medicine

https://www.ccm.org/content/87/10/619
Kidney replacement therapy. Up to 31% of critically ill patients with COVID-19 require kidney replacement therapy for severe AKI. 4–6,14–16,18,20 The indications for it in COVID-19 patients with AKI are the same as for other AKI patients. There is no evidence at this ...

Name of Journal: *World Journal of Clinical Cases*

Manuscript NO: 60879

Manuscript Type: CASE REPORT

Almitrine for COVID-19 critically ill patients: A vascular therapy for a pulmonary vascular disease: Three case reports

Huette P *et al.* Almitrine for COVID-19 critically ill patients

Pierre Huette, Osama Abou Arab, Vincent Jounieaux, Mathieu Guilbart, Mohamed Belhout, Guillaume Haye, Hervé Dupont, Christophe Beyls, Yazine Mahjoub

Abstract

BACKGROUND

Several reports with clinical, histological and imaging data have pointed out the involvement of lung vascular function to explain the observed severe hypoxemia in Coronavirus disease 2019 (COVID-19). It has been hypothesized that an increased

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Author: François Bagate, Samuel Tuffet, Paul ... Publish Year: 2020

COVID-19 vasculitis and novel vasculitis mimics - The ...

[https://www.thelancet.com/journals/lanrhe/article/PIIS2665-9913\(20\)30420-3/fulltext](https://www.thelancet.com/journals/lanrhe/article/PIIS2665-9913(20)30420-3/fulltext)

COVID-19 has been occasionally linked to histologically confirmed cutaneous vasculitis and a Kawasaki-like vasculitis, with these entities generally having minimal or no lung involvement and a good prognosis. Unlike these vasculitis types, patients with severe COVID-19 pneumonia can develop cutaneous vasculitis-like lesions and systemic arterial and venous thromboemboli, including cryptogenic ...

Cerebral microhaemorrhage in COVID-19: a critical illness ...

<https://svn.bmj.com/content/5/4/315>

Introduction. Numerous reports have highlighted different neurological complications of COVID-19, including cerebrovascular disease, encephalopathy and peripheral neuropathy.1–4 The pathogenesis of these varied presentations is unknown. It remains to be seen whether neurological disease in COVID-19 is directly caused by SARS-CoV-2 infection, indirect as a sequela of critical illness or ...

Anti-inflammatory therapy for COVID-19 infection: the case ...

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