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In this issue

Research Article

Open Access Research Article PTZAID:APRC-8-177

Design a simulating lung in 36h or less

Published On: November 09, 2022 | Pages: 012 - 015

Author(s): Jean Sébastien Buvat, Laurent Faivre, Pierre Romet, Ludovic Vitu, Julio Badie, Fernando Daniel Berdaguer Ferrari and Sylvain Malfroy*

Background: During the COVID health crisis, intensive care units were quickly overwhelmed and had to call for help. The only solution was to call for this help among nurses, nursing auxiliaries, and physicians that were normally not working in the ICU units (consultations, operating room, medical units). These people needed mechanical ventilation courses before beginn ...

Abstract View Full Article View DOI: 10.17352/aprc.000077

Open Access Research Article PTZAID:APRC-8-175

Mortality and survival of patients with rheumatoid arthritis and symptomatic diffuse interstitial lung disease

Published On: October 26, 2022 | Pages: 003 - 009

Author(s): M Gema Bonilla-Hernán*, Luis Gómez-Carrera, María Fernández-Velilla Peña, Chamaida Plasencia-Rodríguez, Pilar Aguado, Rodolfo Álvarez-Sala Walther and Alejandro Balsa

Introduction: In Spain, few data have been reported on mortality and survival in rheumatoid arthritis with diffuse interstitial lung disease. Objectives: To estimate mortality and survival for patients with symptomatic diffuse interstitial lung disease and rheumatoid arthritis and to analyze the effect of clinical factors. Methods: We performed an observational stu ...

Abstract View Full Article View DOI: 10.17352/aprc.000075

Review Article

Open Access Review Article PTZAID:APRC-8-178

Achieving humidification of inspired gases in the delivery room for very preterm infants: Rationale and set up

Published On: November 11, 2022 | Pages: 016 - 019

Author(s): Michael P Meyer* and Jonathan Barrett

Nearly all very preterm infants will require some form of respiratory support in the neonatal unit. It is standard practice to humidify the inspired gases. It appears logical to bring this practice of humidification forward to the time immediately after birth. There is an evidence base for early provision of heated humidified gases in the delivery room, but because se ...

Abstract View | Full Article View | DOI: 10.17352/aprc.000078

Case Report

Open Access Case Report PTZAID:APRC-8-180

Is there a relationship between COVID-19 and sarcoidosis? A case report

Published On: November 19, 2022 | Pages: 023 - 027

Author(s): Yasar Kucukardali, Arzu Gunturk, Mehmet Akif Ozturk, enay Acikel, Hatice Zeynep Ceylan*, Pnar Frat and Banu Salepci

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Abstract View | Full Article View | DOI: 10.17352/aprc.000080

Open Access Case Report PTZAID:APRC-8-179

Normal left pulmonary inferior lobe in abnormal systemic circulation arterial supply

Published On: November 16, 2022 | Pages: 020 - 022

Author(s): Weiqiang Yan*, Zhidong Yuan, Musen Ye, Sijia Zuo and Guanxun Cheng*

Normal left pulmonary inferior lobe in abnormal systemic circulation arterial supply without sequestration is a rare malformation of congenital lung vascular. Multi-Detector Computed Tomography (MDCT) and it's Three-Dimensional (3D) reconstruction can display clearly the signs of the abnormal systemic circulation arterial supply to the lung lobe and the imaging change ...

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Open Access Case Report PTZAID:APRC-8-174

A new method of placing nasogastric tubes in patients at high risk of epistaxis

Published On: August 23, 2022 | Pages: 001 - 002

Author(s): Ilse M Novis, Edward Le, Hailey S Novis, Karim Sorour and Khaled A Sorour*

Nasogastric tubes are used for a multitude of purposes, however, due to their firm composition, they often injure the nasal passages when being placed. While a small amount of bleeding from the nasal mucosa is traditionally acceptable, that small amount of bleeding from the nose can potentially form thrombi that could compromise the airway in patients with impaired se ...

Abstract View Full Article View DOI: 10.17352/aprc.000074

Mini Review

Open Access Mini Review PTZAID:APRC-8-181

The spin of dioxygen as the main factor in pulmonology and respiratory care

Published On: November 28, 2022 | Pages: 028 - 033

Author(s): Boris Minaev*

Not many doctors are aware of the most important obstacle in pulmonology and respiration care which is determined by the electronic structure of molecular oxygen. In great contrast to a huge majority of chemically stable substances, the O2

molecule possesses two non-paired electrons with parallel spins. ...

Abstract View Full Article View DOI: 10.17352/aprc.000081

Opinion

Open Access Opinion PTZAID:APRC-8-176

Smart polymers: Challenges and future

Published On: October 29, 2022 | Pages: 010 - 011

Author(s): Hernandez-Martinez AR*

According to the International Union of Pure and Applied Chemistry (IUPAC) Smart Polymers (SP) or stimulus-responsive polymers are “polymers that respond or that is designed to respond to a stimulus like pH, light, heat, etc. change, and provides a predetermined action”. These changes are generally abrupt and relatively large, involving changes in phase or properties ...

Abstract View Full Article View DOI: 10.17352/aprc.000076