



2024

VOLUME 24
ISSUE 3

Patient Monitoring

Pain Monitoring and Management in Intensive Care Unit: A Narrative Review, *T Lami, C Marchetti, P Pallavicini, M Carravetta, S Turi*

How and Why We Should Monitor Dyspnoea in Mechanically Ventilated Patients, *A Demoule, M Decavele*

The Hazards of Monitoring – Alarm Fatigue in the ICU, *AC Steel, P Brindley, L Hawryluck*

Critical Care Monitoring: Time for Hospital-Wide Monitoring and Response Capabilities? *V Herasevich, LM Lehman, BW Pickering*

Perioperative Cardiac Output Monitoring: From Yellow Catheters to Green Algorithms, *F Michard, M Chew, P-G Guinot*

Technical Alarms During Continuous ECG Monitoring in the Intensive Care Unit, *M Tungol, C Hubbard, G Schmidt, S Suba, DW Mortara, F Badilini, PA Prasad, MM Pelter*

Evidence of Ultrasonographic Monitoring in the ICU Patient, *ME Phinder-Puente, D Cuellar-Mendoza, R Flores-Ramirez, J Medina-Estrada, RI Morales-Ortiz, OR Pérez-Nieto*

Mitral Systolic Anterior Motion: Beyond Cardiology and Cardiac Surgery, *M Venditto, G Landoni, A Pisano*

Taking Care of the Lung Donor: A Task For Every Hospital, *E Monares-Zepeda, G Cueto-Robledo, U Chavarria-Martinez, M Wong-Jaen, SS Valdez-Vázquez, M Garcia-Lezama*

AGENDA

For a full listing of events visit <https://iii.hm/icuevents2024>

MAY

19-22 NTI 2024 AACN - American Association of Critical Care Nurses Denver, U.S.A
<https://iii.hm/1pzb>

23 - 26 61st ERA Congress 2024 Stockholm, Sweden & Virtual
<https://iii.hm/1pzc>

25-27 Euroanaesthesia 2024 Munich, Germany
<https://iii.hm/1pzd>

29-31 35th Smart Meeting Anesthesia Resuscitation Intensive Care, Milan, Italy
<https://iii.hm/1pze>

30 - 1 JUNE LIVES Forum Conference Istanbul 2024 Instanbul, Turkey
<https://iii.hm/1pzf>

JUNE

11-14 ESPNIC 2024 Rome, Italy
<https://iii.hm/1pzg>

11-13 42nd Vicenza Course AKI-CRR-ECOS and Critical Care Nephrology Vicenza, Italy
<https://iii.hm/1pzh>

12-14 Reanimation 2024 Paris, France
<https://iii.hm/1pzi>

21-23 7th EuroAsia Conference 2024 Bengaluru, India
<https://iii.hm/1pzk>

AUG

16-18 7th Annual Anesthesiology Update 2024, Michigan, U.S.A
<https://iii.hm/1pzl>

25-29 International Surgical Week _ ISW 2024 Kuala Lumpur, Malaysia
<https://iii.hm/1pzm>

SEP

4-7 ESRA 2024 Prague, Czech Republic
<https://iii.hm/1pzn>

5-7 5th Edition of Global Conference on Surgery and Anaesthesia 2024 Madrid, Spain
<https://iii.hm/1pzo>

7-10 ESPEN 2024 - European Society of Clinical Nutrition and Metabolism Congress Milan, Italy
<https://iii.hm/1pzp>

7-11 ERS Congress 2024 Vienna, Austria
<https://iii.hm/1pzq>

18-20 10th World Congress of the ERAS® Society 2024, Madrid, Spain
<https://iii.hm/1pzz>

EDITOR-IN CHIEF

Prof Jean-Louis Vincent, Consultant, Department of Intensive Care, Erasme Hospital, Free University of Brussels, Belgium

jlvincent@intensive.org

EDITORIAL BOARD

Prof Antonio Artigas (Spain)
Prof Jan Bakker (The Netherlands)
Prof Richard Beale (United Kingdom)
Prof Maurizio Cecconi (Italy)
Prof Daniel De Backer (Belgium)
Prof Jan de Waele (Belgium)
Prof Bin Du (China)
Prof Hans Flaatten (Norway)
Prof Evangelos J Giamarellos-Bourboulis (Greece)
Prof Armand Girbes (Netherlands)
Prof Vitaly Herasevich (United States)
Prof Annette Kalifeh (United States)
Prof Sapna Kudchadkar (United States)
Prof Theodoros Kyprianou (Cyprus)
Prof Jeff Lipman (Australia)
Prof Flavia Machado (Brazil)
Prof John Marini (United States)
Prof Heather Meissen (United States)
Prof Vasilios Papaioannou (Greece)
Prof Paolo Pelosi (Italy)
Dr Shirish Prayag (India)
Dr Emma J Ridley (Australia)
Prof Gordon Rubenfeld (Canada)
Prof Francesca Rubulotta (Canada)
Prof Frank van Haren (Australia)
Prof Lixin Xie (China)

aartigas@cpsp.es
jan.bakker@erasmusmc.nl
richard.beale@gstt.sthames.nhs.uk
maurizio.cecconi@humanitas.it
ddebacke@ulb.ac.be
jan.dewaale@ugent.be
dubin98@gmail.com
hans.flaatten@helse-bergen.no
egiamarel@med.uoa.gr
ar.girbes@vumc.nl
herasevich.vitaly@mayo.edu
aesper@emory.edu
sapna@jhmi.edu
tkyprian@gmail.com
j.lipman@uq.edu.au
frmachado@unifesp.br
john.j.marini@healthpartners.com
heather.meissen@emoryhealthcare.org
vapapa@med.duth.gr
ppelosi@hotmail.com
shirishprayag@gmail.com
emma.ridley@monash.edu
gordon.rubenfeld@sunnybrook.ca
francesca.rubulotta@nhs.net
fvanharen@me.com
xielx301@126.com

REGIONAL AMBASSADORS

Luiz Alberto Cerqueira Batista-Filho (Brazil)
Dr Audrey de Jong (France)
Prof Silvia De Rosa (Italy)
Dr Simone Gattarello (Germany)
Dr Margo van Mol (The Netherlands)
Dr Adrian Wong (United Kingdom)

luizcerqueira80@gmail.com
a-de_jong@chu-montpellier.fr
silvia.derosa@unitn.it
gattarello@gmail.com
m.vanmol@erasmusmc.nl
avkwong@mac.com

GUEST AUTHORS

Fabio Badilini, Peter Brindley, Maurizio Carravetta, Uriel Chavarria-Martinez, Michelle Chew, Daniela Cuellar-Mendoza, Guillermo Cueto-Robledo, Maxens Decavele, Alexandre Demoule, Raymundo Flores-Ramirez, Melissa Garcia-Lezama, Pierre-Grégoire Guinot, Laura Hawryluck, Vitaly Herasevich, Colin Hubbard, Tommaso Lami, Giovanni Landoni, Lindsey M Lehman, Cristiano Marchetti, Josué Medina-Estrada, Frederic Michard, Enrique Monares-Zepeda, Rodrigo Israel Morales-Ortiz, David W Mortara, Athina Nasoufidou, Paolo Pallavicini, Michele M Pelter, Orlando Rubén Pérez-Nieto, Marian Elizabeth Phinder-Puente, Brian W Pickering, Antonio Pisano, Priya A Prasad, Grace Schmidt, Andrew C Steel, Sukardi Suba, Mark Tungol, Stefano Turi, Sergio-Saul Valdez-Vázquez, Maria Venditto, Jean-Louis Vincent, Manuel Wong-Jaen

EXECUTIVE DIRECTOR

Christian Marolt

c@icu-management.org

VP CLIENT SERVICE

Katya Mitreva

k.m@icu-management.org

MANAGING EDITOR

Samna Ghani

editorial@icu-management.org

VP MARCOM

Anastazia Anastasiou

marcom@icu-management.org

COMMUNICATIONS TEAM

Tania Farooq
Mahjabeen Ahmed

congress@healthmanagement.org
office@mindbyte.eu

AUDIO-VISUAL

Andreas Kariofillis

studio@mindbyte.eu

ICU MANAGEMENT AND PRACTICE IS PUBLISHED BY

MindByte Communications Ltd
Kosta Ourani, 5 Petoussis Court, 5th floor, CY-3085 Limassol Cyprus
Email
Website

office@icu-management.org
icu-management.org

SUBSCRIPTION RATES

One year
Two years

55 Euros + 5% VAT if applicable
90 Euros + 5% VAT if applicable

Note: For a free digital subscription please contact Samna Ghani, editorial@icu-management.org

PRODUCTION, FULFILMENT AND DISTRIBUTION

Total distribution: 21,500
ISSN = 1377-7564



© **ICU Management & Practice** is published five times per year. The publisher is to be notified of cancellations six weeks before the end of the subscription. The reproduction of (parts of) articles without consent of the publisher is prohibited. The publisher does not accept liability for unsolicited materials. The publisher retains the right to republish all contributions and submitted material via the Internet and other media.

LEGAL DISCLAIMER

The Publishers, Editor-in-Chief, Editorial Board, Correspondents and Editors make every effort to see that no inaccurate or misleading data, opinion or statement appears in this publication. All data and opinions appearing in the articles and advertisements herein are the sole responsibility of the contributor or advertiser concerned. Therefore the publishers, Editor-in-Chief, Editorial Board, Correspondents, Editors and their respective employees accept no liability whatsoever for the consequences of any such inaccurate or misleading data, opinion or statement.

VERIFIED CIRCULATION

according to the standards of International Business Press Audits.

ICU Management & Practice is independently audited by Top Pro CY.

ICU

MANAGEMENT & PRACTICE

For a full listing of events visit <https://iii.hm/icuevents2024>