

# SAJCC

SOUTHERN AFRICAN JOURNAL OF CRITICAL CARE

The Official Journal of the Critical Care Society of Southern Africa

JULY 2022 Vol. 38 No. 2

## CONTENTS

### OBITUARY

The Critical Care Society of Southern Africa mourns the passing of our colleague and friend Prof. Robin J Green (4 October 1961 – 27 May 2022)

### ARTICLES

- 53 Risk factors associated with unplanned ICU admissions following paediatric surgery: A systematic review  
*S Essa, P Mogane, Y Moodley, P Motshabi Chakane*
- 60 Traumatic brain injury: Association between the Glasgow Coma Scale score and intensive care unit mortality  
*J J Mubwa, A G Bedada, T M Esterhuizen*
- 64 A mixed-methods study on evaluating an up-dated, francophone version of ETAT+ training in Madagascar  
*M Galatsch, H-J Lang, C Noa, H Raveloharimino, A Robinson, N Rabesandratana, L I Magera, R Weigel, D Köcher-Andrianarimanana*
- 71 Ventilator-associated pneumonia in PICU – how are we doing?  
*L van Wyk, T Applegate, S Salie*
- 75 Iatrogenic blood loss in critical care: A prospective observational study conducted at Universitas Academic Hospital in the Free State Province, South Africa  
*J C Adams, C Barrett, M Spruyt*
- 81 Quantifying the burden of the post-ICU syndrome in South Africa: A scoping review of evidence from the public health sector  
*E van der Merwe, F Paruk*

Articles listed in: EXCERPTA MEDICA (EMBASE), BIOLOGICAL ABSTRACTS (BIOSIS), SCIENCE, CITATION INDEX (SCISEARCH), CURRENT CONTENTS/CLINICAL MEDICINE, SCIENTIFIC ELECTRONIC LIBRARY ONLINE (SCIELO)

Published by the South African Medical Association.  
Editorial Office: Suite 11, Lonsdale Building, Gardener Way, Pinelands, 7405.  
All letters and articles for publication must be submitted online at [www.sajcc.org.za](http://www.sajcc.org.za). Tel: 087 021 0733.  
E-mail: [publishing@samedical.org](mailto:publishing@samedical.org)

Critical Care Society of Southern Africa  
Contact details: Alison Shaw (Royal House), CCSSA Secretariat,  
Tel: (031) 831 6416, Email: [secretariat@criticalcare.org.za](mailto:secretariat@criticalcare.org.za), Website: [www.criticalcare.org.za](http://www.criticalcare.org.za)

The views and opinions expressed in the SA Journal of Critical Care are those of the authors and do not necessarily reflect the views of the editors of the journal or the Critical Care Society of Southern Africa. The appearance of advertising in the journal does not denote a guarantee or an endorsement by the Society of the products or the claims made for the products by the manufacturers.

Copyright 2000 by the SA Medical Association. This work is copyright under the Berne Convention. It is also copyright in terms of the Copyright Act 98 of 1978. No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without permission of the copyright holder.

This journal is accredited by the Department of Higher Education and Training.  
This journal is also published online at [www.sajcc.org.za](http://www.sajcc.org.za).

#### EDITOR-IN-CHIEF

B Morrow BSc (Physio), PhD  
University of Cape Town

#### NURSING SCIENCE SUB-EDITOR

P Brysiewicz RN, PhD  
University of KwaZulu-Natal

#### MEDICAL SUB-EDITOR

K de Vasconcellos MB ChB, DA,  
FCA (Cert Crit Care)  
University of KwaZulu-Natal

#### ASSOCIATE EDITORS

A Argent FCPaed (Cert Crit Care), MD  
University of Cape Town

P D Gopalan FCA (Crit Care)  
University of KwaZulu-Natal

L Hill RD, PhD

Critical Point Critical Care Nutrition Consultancy

I A Joubert FCA (Crit Care)

University of Cape Town

L R Mathiva FCPaed (Crit Care)

University of the Witwatersrand

M Mer FCP (Pulm) (Cert Crit Care)

University of the Witwatersrand

W L Michell FFA (Crit Care)

University of Cape Town

F Paruk FCOG (SA) (Cert Crit Care), PhD

University of Pretoria

H Perrie RN, MSc

University of the Witwatersrand

G Richards FCP(SA), PhD

University of the Witwatersrand

J Scribante RN, MSc

University of the Witwatersrand

#### PUBLISHED BY

The South African Medical Association  
(SAMA)

#### HEAD OFFICE

SAMA

Block F, Castle Walk Corporate Park,

Nossob Street, Erasmuskloof Ext. 3,

Pretoria, 0181

Tel. 012 481 2069

Email: [dianes@samedical.org](mailto:dianes@samedical.org)

#### CEO

Vusumuzi Nhlapho

#### HEAD OF UNIT:

EDUCATION & PUBLISHING

Diane Smith | Tel. 012 481 2069

Email: [dianes@samedical.org](mailto:dianes@samedical.org)

#### EXECUTIVE EDITOR

Bridget Farham

#### HEAD OF UNIT: EDITORIAL

Claudia Naidu

#### TECHNICAL EDITORS

Kirsten Morreira

#### HEAD OF UNIT: PRODUCTION

Emma Jane Couzens

#### SENIOR DESIGNER

Clinton Griffin

#### HEAD OF UNIT:

PUBLISHING RELATIONS

Renée Hinze

ISSN 1562-8264

Use of editorial material is subject to the  
Creative Commons Attribution -  
NonCommercial Works License (CC BY-NC 4.0)

