



FROM THE EDITOR

- 197 **Anti-vaxx – wilful ignorance or misunderstanding?**
B Farham

CORRESPONDENCE

- 198 **Eligibility for co-trimoxazole prophylaxis among adult HIV-infected patients in South Africa**
S Takuva, J M Nabyoma, H Dawood, A Black, G Maartens, A Parrish, T D Leong
- 200 **Low-pressure fabric hyperbaric chambers**
F Burman

IZINDABA

OBITUARIES

- 201 **Hardie de Beer**
P du Plessis
- 202 **Eric Cohen**
D Cohen

BOOK REVIEW

- 203 **Waking Up Safer? An Anesthesiologist's Record, by Berend Mets**
P Zilla, J Brink, J Swanevelder

CME

GUEST EDITORIAL

- 204 **Understanding the genetic basis of human health and disease: The role of molecular genetics in diagnosis and prognostication**
K J Fieggen, N A B Ntusi

ARTICLES

- 207 **New genetic technologies: Advantages and limitations**
A Krause
- 210 **Investigating developmental delay in South Africa: A pragmatic approach**
K J Fieggen, L A Lambie, K A Donald
- 214 **Cancer genetics: An approach to suspected hereditary breast and colorectal cancer**
C J Scott, M Schoeman, M F Urban

IN PRACTICE

ISSUES IN PUBLIC HEALTH

- 219 **The utility of hand-held mobile spirometer technology in a resource-constrained setting**
E du Plessis, F Swart, D Maree, J Heydenreich, J van Heerden, T M Esterhuizen, E M Irusen, C F N Koegelenberg

HEALTHCARE DELIVERY

- 223 **Spotted fever rickettsiosis in South Africa: Evaluation of laboratory diagnostic capacity and inter-laboratory comparison of serological testing**
A N Trataris-Rebisz, J Rossouw, W Markotter, J A Frean, J Weyer

- 227 **HIV self-screening distribution preferences and experiences among men who have sex with men in Mpumalanga Province: Informing policy for South Africa**
O Radebe, S A Lippman, T Lane, H Gilmore, E Agnew, A Manyuchi, J A McIntyre

MEDICINE AND THE LAW

- 232 **Protection of Personal Information Act No. 4 of 2013: Implications for biobanks**
C Staunton, E de Stadler

RESEARCH

- 235 **The state of kidney transplantation in South Africa**
M R Moosa

EDITOR

Bridget Farham, BSc Hons, PhD, MB ChB

EDITORS EMERITUS

Daniel J Ncayiyana, MD (Groningen),
FACOG, MD (Hon), FCM (Hon)
JP de V van Niekerk, MD, FRCP
Janet Seggie, BSc (Hons), MD (Birm),
FRCP (Lond), FCP (SA)

ASSOCIATE EDITORS

Q Abdoal Karim, A Dhari, R C Pattinson,
A Rothberg, A A Stulting, J Surka, B Taylor,
M Blockman, J M Pettifor, W Edridge,
R P Abratt, D L Clarke

GENERAL MANAGER

Dr Manivasan Thandrayen

HEAD OF PUBLISHING

Diane Smith | Tel. 012 481 2069
Email: dianes@hmpg.co.za

MANAGING EDITORS

Claudia Naidu
Naadia van der Bergh

TECHNICAL EDITORS

Emma Buchanan
Kirsten Morreira
Paula van der Bijl

PRODUCTION & DISTRIBUTION OFFICER

Emma Jane Couzens

SENIOR DESIGNER

Clinton Griffin

CLIENT RELATIONSHIP OFFICERS

Azad Yusuf
Reneé Hinze
Ladine Britz
Charmalin Comalie

ONLINE SUPPORT

Gertrude Fani

ISSN 2078-5135

HMPG website: www.hmpg.co.za
SAMA website: www.samedical.org
Journal website: www.samj.org.za



- 241 **Reducing maternal deaths by skills-and-drills training in managing obstetric emergencies: A before-and-after observational study**
R C Pattinson, A-M Bergh, C Ameh, J Makin, Y Pillay, N van den Broek, J Moodley
- 246 **The incidence of melanoma in South Africa: An exploratory analysis of National Cancer Registry data from 2005 to 2013 with a specific focus on melanoma in black Africans**
B M Tod, P E Kellett, E Singh, W I Visser, C J Lombard, C Y Wright
- 254 **How long does it take a registrar to complete the compulsory research project enabling specialist registration?**
E S Grossman
- 259 **Impact of Xpert MTB/RIF assay on multidrug-resistant tuberculosis treatment outcomes in a health district in South Africa**
T C Mahwire, M Zunza, T Marukutira, P Naidoo
- 264 **Prevalence of comorbidities in women with and without breast cancer in Soweto, South Africa: Results from the SABC study**
O Ayeni, M Joffe, H Cubasch, S Rinaldi, C Taljaard, E Vorster, I Romieu, S A Norris
- 272 **A review of the use of high-flow nasal cannula oxygen therapy in hospitalised children at a regional hospital in the Cape Town Metro, South Africa**
E Hoffman, K L Reichmuth, M L Cooke
- 278 **Validation of a brief mental health screening tool for common mental disorders in primary healthcare**
A Bhana, N Mntambo, S G Gigaba, Z P B Luvuno, M Grant, D Ackerman, E Ntswi, M Nomathemba, I Petersen

CPD QUESTIONS

ONLINE CONTENTS LISTED IN
Index Medicus (Medline)
Excerpta Medica (EMBASE)
Biological Abstracts (BIOSIS)
Science Citation Index (SciSearch)
Directory of Open Access Journals (DOAJ)
Current Contents/Clinical Medicine

SAMJ SUBSCRIPTION RATES
Local subscriptions ZAR1 812.00 p.a.
Foreign subscriptions ZAR4 152.00 p.a.
Single copies ZAR151.00 local,
ZAR346.00 foreign

Members of the South African Medical Association receive the SAMJ only on request, as part of their membership benefit.

Subscriptions: Tel. 012 481 2071
Email: members@samedical.org

The SAMJ is published monthly by the South African Medical Association.

HEAD OFFICE
SAMA
Block F, Castle Walk Corporate Park,
Nossob Street, Erasmuskloof Ext. 3,
Pretoria, 0181
Tel. 012 481 2069
Email: diances@hmpg.co.za

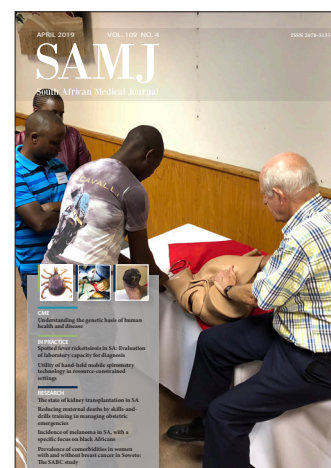
EDITORIAL OFFICE
Suite 11, Lonsdale Building,
Lonsdale Way, Pinelands, 7405
Tel. 021 532 1281 | Cell. 072 635 9825
Email: publishing@hmpg.co.za

Please submit all letters and articles for publication online at
<http://www.editorialmanager.com/samj>

© Copyright: The South African Medical Association

Use of editorial material is subject to the Creative Commons Attribution – Non-commercial Works Licence.
<https://creativecommons.org/licenses/by-nc/4.0>

Printed by TANDYM PRINT



Background photo: Mannikin training at an Essential Steps in Managing Obstetric Emergencies workshop | Danie Thirion

Box photos: *Amblyomma hebraeum*, tick bite fever transmission vector | Alan Kemp and Anastasia Trataris-Rebisz; Kidney transplant in progress | André van der Merwe; Late presentation of melanoma | Johann de Wet