



FROM THE EDITOR

The elephant in the room – part two *B Farham*

GUEST EDITORIAL

447 Violence in hot weather: Will climate change exacerbate rates of violence in South Africa?
M F Chersich, C P Swift, I Edelstein, G Breetzke, F Scorgie, F Schutte, C Y Wright

CORRESPONDENCE

450 Healthy Hearts: A student-led heart-health initiative

A Seedat, C A Viljoen, M Islam, M Kim, N A B Ntusi, M Ntsekhe

Therapeutic use exemptions – serving athlete patients

K Grimm, L Pillay, C Tabane; South African Institute for Drug-Free Sport Therapeutic Use Exemption Committee

EDITORIAL

453 The National Asthma Education Programme and asthma in Africa

C Verwey

CME

GUEST EDITORIAL

455 Does South Africa need a diabetes-in-pregnancy study group? S Adam, S Dias, P Rheeder, C Pheiffer

ARTICLES

457 Screening and diagnosis of gestational diabetes mellitus in South Africa: What we know so far S Dias, C Pheiffer, P Rheeder, S Adam

463 Prevalence of and risk factors for gestational diabetes mellitus in South Africa S Dias, S Adam, P Rheeder, C Pheiffer

IN PRACTICE

MEDICINE AND THE LAW

468 Safeguarding the future of genomic research in South Africa: Broad consent and the Protection of Personal Information Act No. 4 of 2013

C Staunton, R Adams, M Botes, E S Dove, L Horn, M Labuschaigne, G Loots, S Mahomed, J Makuba, A Olckers, M S Pepper, A Pope, M Ramsay, N N Loideain, J de Vries

ISSUES IN PUBLIC HEALTH

471 Patient blood management: A solution for South Africa

J Thomson, A Hofmann, C A Barrett, A Beeton, G R M Bellairs, L Boretti, M J Coetzee, S Farmer, M W Gibbs, H H Gombotz, C Hilton, C Kassianides, V J Louw, C Lundgren, J N Mahlangu, C B Noel, V Rambiritch, F Schneider, E Verburgh, P-L Wessels, P Wessels, R Wise, A Shander; on behalf of the South African Patient Blood Management Group

CASE REPORT

477 Recurrent idiopathic spontaneous coronary artery dissection P Mkoko, S Pandie, M Ntsekhe

RESEARCH

480 Child mortality trends and causes of death in South Africa, 1997 - 2012, and the importance of a national burden of disease study

N N Nannan, P Groenewald, V Pillay-van Wyk, E Nicol, W Msemburi, R E Dorrington, D Bradshaw

486 Patterns of renal disease: A 30-year renal biopsy study at Chris Hani Baragwanath Academic Hospital, Soweto, Johannesburg, South Africa

A Vermeulen, C N Menezes, M Mashabane, O K Butler, P Mosiane, S Goetsch, S Naicker

493 #FeesMustFall2016: Perceived and measured effect on clinical medical students

H Brits, G Joubert, L Lomberg, P Djan, G Makoro, M Mokoena, P Malate, D Tengu

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, FRCR Janet Seggie, BSc Hons, MD (Birm), FRCP (Lond), FCP (SA)

ASSOCIATE EDITORS

Q Abdool Karim, A Dhai, 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.sami.org.za



498	Agreeing on the minimum: An 11-year review of Prescribed Minimum Benefits appeals P Mngadi, J Wolvaardt, E Thsehla
503	Increase in blood pressure over a 7-year period in a mixed-ancestry South African population $S\ F\ G\ Davids,\ T\ E\ Matsha,\ N\ Peer,\ R\ T\ Erasmus,\ A\ P\ Kengne$
511	Characterisation of protease resistance mutations in a South African paediatric cohort with virological failure, 2011 - 2017 Z Makatini, S Mda, O Towobola, H Mthiyane, P Miles, J T Blackard
516	Workmen's compensation for occupational hand injuries J McCaul, D McGuire, I Koller, G Thiart, S Dix-Peek, M Solomons
519	INTERGROWTH-21st v. local South African growth standards (Theron-Thompson) for identification of small-for-gestational-age fetuses in stillbirths: A closer look at variation across pregnancy T Lavin, L Nedkoff, D Preen, G Theron, R C Pattinson
526	Maternal alcohol use and children's emotional and cognitive outcomes in rural South Africa T J Rochat, B Houle, A Stein, J Mitchell, R M Bland
535	Frailty in perioperative patients in three South African academic hospitals N T N Leopold-George, G D Nethathe

CPD QUESTIONS

Background photo: Preparing for surgery at a Mozambique district hospital | Shaun Swingler

Box photos: Cracked soil on fire | Shutterstock; Measuring blood pressure | Shutterstock; Hand injury caused by an industrial punch cutting machine | Michael Solomons

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: dianes@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-

Printed by TANDYM PRINT



