

Table of Contents

African Vision and Eye Health

ISSN: 2413-3183 (print) | ISSN: 2410-1516 (online)

Vol 81, No 1 (2022)

Editorial	1	Original Research	64
Ocular Therapeutics for Optometry in Africa <i>Alan Rubin</i> African Vision and Eye Health Vol 81, No 1 a802 24 October 2022		Development of a diabetic retinopathy screening model for a district health system in Limpopo Province, South Africa <i>Zaheera Abdool, Kovin Naidoo, Linda Visser</i> African Vision and Eye Health Vol 81, No 1 a568 10 January 2022	
Review Article	3	Original Research	74
Peripheral ulcerative keratitis: A review of aetiology and management <i>Roland Höllhumer</i> African Vision and Eye Health Vol 81, No 1 a697 13 January 2022		Eye health promotion-oriented policy statements in various national and provincial health policy documents in South Africa <i>Hlupheka L. Sithole</i> African Vision and Eye Health Vol 81, No 1 a597 12 January 2022	
Review Article	14	Original Research	81
Latest developments on meibomian gland dysfunction: Diagnosis, treatment and management <i>Solani D. Mathebula</i> African Vision and Eye Health Vol 81, No 1 a713 30 May 2022		Change in refraction, corneal power and axial length of the eye secondary to silicone oil tamponade injection after pars plana vitrectomy <i>Abdelaziz M. Elmadina, Mustafa Abdu, Saif H. Alrasheed, Nuha M.F. Alrahman, Akram E. Hamza, Mohammad A. Alobaid</i> African Vision and Eye Health Vol 81, No 1 a667 28 January 2022	
Review Article	20	Original Research	86
Evidence on the effects of digital blue light on the eye: A scoping review <i>Alvin J. Munsamy, Macaela Moodley, Zainab Khan, Keroshni Govender, Mpendulo Nkwanyana, Siphosethu Cele, Mashiyamahle Radebe</i> African Vision and Eye Health Vol 81, No 1 a685 31 May 2022		Prevalence and risk factors of myopia amongst Grade 8 learners in the Vhembe district, South Africa <i>Shonisani E. Tshivhase, Ntsieni S. Mashau, Daphney Mathebula</i> African Vision and Eye Health Vol 81, No 1 a640 03 February 2022	
Review Article	29	Original Research	93
Effect of diabetes mellitus on quantitative corneal anatomy – A systemic review <i>Juan A. Sanchis-Gimeno, Nabeela Hasrod, Ana M. Calvo-Maroto, Shahed Nalla, Alejandro Cerviño</i> African Vision and Eye Health Vol 81, No 1 a725 28 July 2022		The short-term effects of energy drinks on near visual performance <i>Rekha Hansraj, Zamadonda N.Q. Xulu-Kasaba, Anoyolo Tini, Dinalia Naidu, Fathima Hassim, Faruk Osman, Slindile Mbatha, Nyika Mtemeri</i> African Vision and Eye Health Vol 81, No 1 a699 28 February 2022	
Review Article	37	Original Research	99
Visual impairments amongst preschool and school attendees: A scoping review of vision school screening in Nigeria and Kenya <i>Irene Langeggen, Kenechukwu Ofochebe</i> African Vision and Eye Health Vol 81, No 1 a774 23 August 2022		Effects of postural changes on measured intraocular pressure and repeatability of PT-100 tonometer and agreement with applanation and indentation tonometry <i>Ahmed I. Tairi, Kelechi C. Ogbuehi, Hamayun Zafar, Matthew D. King, Chukwuemeka J. Obinwanne, Khathutshelo P. Mashige, Uchechukwu L. Osuagwu</i> African Vision and Eye Health Vol 81, No 1 a691 24 March 2022	
Review Article	44	Original Research	108
An update on the management of diabetic tractional retinal detachment <i>Aamina Hajee, Mokokomadi A. Makgotloe</i> African Vision and Eye Health Vol 81, No 1 a774 30 August 2022		Determinants of traditional eye practices amongst rural dwellers in the Asikuma Odoben Brakwa District, Ghana <i>Eugene B. Enimah, Urvashni Nirghin, Samuel B. Boadi-Kusi, Michael Ntodie</i> African Vision and Eye Health Vol 81, No 1 a678 24 March 2022	
Review Article	50	Original Research	115
Prevalence of amblyopia among the children of Saudi Arabia: A systematic review, 1990–2020 <i>Naveen K. Challa</i> African Vision and Eye Health Vol 81, No 1 a752 26 September 2022		The impact of uncorrected refractive error and visual impairment on the quality of life amongst school-going children in Sekhukhune district (Limpopo), South Africa <i>Tshubelela S.S. Magakwe, Rekha Hansraj, Zamadonda N.Q. Xulu-Kasaba</i> African Vision and Eye Health Vol 81, No 1 a620 25 March 2022	
Review Article	56		
A review of multivariate methods of analysing refractive data with dioptric power matrices <i>Elizabeth Chetty, Alan Rubin</i> African Vision and Eye Health Vol 81, No 1 a714 08 November 2022			

Original Research**122**

Keratoconus management at public sector facilities in KwaZulu-Natal, South Africa: Practitioner perspectives

Nonkululeko Gcabashe, Vanessa R. Moodley, Rekha Hansraj
African Vision and Eye Health | Vol 81, No 1 | a698 | 30 March 2022

Original Research**129**

Barriers for the uptake of cataract surgery: A rural community-based study

Samyakta Shetti, Thanuja G. Pradeep, Namrata Devappa
African Vision and Eye Health | Vol 81, No 1 | a703 | 31 March 2022

Original Research**134**

Towards the development of a uniform screening guideline: Current status of paediatric vision screening in Abia State, Nigeria

Uchenna C. Atowa, Samuel O. Wajuihian, Rekha Hansraj
African Vision and Eye Health | Vol 81, No 1 | a661 | 29 April 2022

Original Research**140**

A comparison of pre-coated stock antireflection coating lenses in terms of transmission, durability and quality

Thokozile I. Metsing, Anthony S. Carlson
African Vision and Eye Health | Vol 81, No 1 | a688 | 06 May 2022

Original Research**147**

Myopia prevalence in school-aged children in Garki District of Abuja, Nigeria

Tope R. Akinbinu, Kovin S. Naidoo, Samuel O. Wajuihian
African Vision and Eye Health | Vol 81, No 1 | a657 | 30 May 2022

Original Research**153**

The epidemiology of ocular trauma in the Northern Cape, South Africa

Kelsey V. Stuart, Catherine Dold, Dian P. van der Westhuizen, Sandra de Vasconcelos
African Vision and Eye Health | Vol 81, No 1 | a710 | 31 May 2022

Original Research**161**

Study of corneal endothelial cells in diabetic patients

Yousif F. Dawood
African Vision and Eye Health | Vol 81, No 1 | a664 | 09 June 2022

Original Research**166**

Knowledge, attitudes and practices towards refractive error amongst students

Naimah Ebrahim Khan, Misbah Mahomedy, Lungelo Mngadi, Zaakirah Moola, Zahraa Moosa, Gcinile Ndwandwe, Ayanda S.M. Ntombela
African Vision and Eye Health | Vol 81, No 1 | a633 | 27 June 2022

Original Research**173**

Macular oedema after uncomplicated phacoemulsification

Aymen D. Jaafar, Suzan A. Abdulkareem, Mustafa D.J. Jaafar
African Vision and Eye Health | Vol 81, No 1 | a690 | 29 June 2022

Original Research**180**

Progressive addition lenses wearers' visual satisfaction among Saudi population

Abd Elaziz M. Elmadina
African Vision and Eye Health | Vol 81, No 1 | a733 | 21 July 2022

Original Research**186**

Outcomes of pars plana vitrectomy for rhegmatogenous retinal detachment at Charlotte Maxeke Johannesburg Academic Hospital in Johannesburg, South Africa

Mathabo Mofokeng, Mokomodadi A. Makgotloe
African Vision and Eye Health | Vol 81, No 1 | a760 | 26 July 2022

Original Research**191**

Management of paediatric ectopia lentis at an Indonesian referral hospital: A retrospective review

Julie D. Barliana, Dian E. Yulia, Diajeng A. Soeharto
African Vision and Eye Health | Vol 81, No 1 | a768 | 27 July 2022

Original Research**197**

Waiting for cataract intervention for people with curable blindness: Lived experiences

Buyiswa M. Sitole, Emeka Obioha
African Vision and Eye Health | Vol 81, No 1 | a727 | 14 September 2022

Original Research**206**

Comparative analysis of Modified Thorington to the prism cover, von Graefe and Maddox rod tests

Thokozile I. Metsing, Solani D. Mathebula
African Vision and Eye Health | Vol 81, No 1 | a754 | 22 September 2022

Original Research**215**

Retinopathy of prematurity screening in Johannesburg, South Africa: A comparative study

Teboho Seobi, Innocent Maposa, Mokomodadi A. Makgotloe
African Vision and Eye Health | Vol 81, No 1 | a771 | 23 September 2022

Original Research**220**

Prevalence and patterns of refractive error among adults in Sagamu, South-West Nigeria

Haroun A. Ajibode, Victoria O. Fakolujo, Olubunmi T. Bodunde
African Vision and Eye Health | Vol 81, No 1 | a724 | 29 September 2022

Original Research**226**

Microbial keratitis: Causative organisms, susceptibilities and trends at a tertiary eye hospital in South Africa

Craig D. Anderson, Nicki Rees, Karen Koetsie, André Rose, Aubrey Makgotloe
African Vision and Eye Health | Vol 81, No 1 | a778 | 27 October 2022

Original Research**232**

Decentralised clinical training in optometry: Student perspectives

Rekha Hansraj, Sduduzile Buthelezi, Ziyaad Cassimjee, Faiza Haffejee, Nomthandazo Masondo, Nomfundo Ntshangase, Akshay Sonakjee, Mthokozeleni Xulu, France Nxumalo
African Vision and Eye Health | Vol 81, No 1 | a742 | 08 November 2022

Original Research**240**

Retrospective study of the temporal approach in cataract surgery at Evangelical Church Winning All Hospital

Atima O. Mayor, Idakwo Ugbede, Komolafe Oyeronke, Emmanuel O. Otomi, Eisuke Shimizu, Shintaro Nakayama, Emmanuel O. Balogun, Emeka J. Dingwoke, Orugun A. Jacob
African Vision and Eye Health | Vol 81, No 1 | a782 | 18 November 2022

Original Research**244**

Manifestations of ocular irritation after pterygium surgery with sutured conjunctival autograft

Molham A. Elbakary, Reham R. Shabana, Heba M. Shafik

African Vision and Eye Health | Vol 81, No 1 | a799 | 23 November 2022

Original Research**249**

The perceived role and relevance of South African optometric professional and regulatory bodies

Simon A. Maluleke, Vanessa R. Moodley

African Vision and Eye Health | Vol 81, No 1 | a730 | 02 December 2022

Original Research**257**

Evaluation of Wang-Koch optimisation of axial length for intraocular lens power calculation in myopic eyes

Abdel-Rahman Atalla, Mohamed-Sameh El-Agha, Amr A. Osman, Mahmoud O. Khaled

African Vision and Eye Health | Vol 81, No 1 | a702 | 08 December 2022

Case Report**263**

Intravitreal chemotherapy in the management of retinoblastoma in a resource-limited setting

Kashmira Rawjee, Teboho Seobi, Aubrey Makgotloe

African Vision and Eye Health | Vol 81, No 1 | a692 | 11 January 2022

Case Report**267**

An illustration of ocular toxoplasmosis with consequent lenticular opacities and asteroid hyalosis

Dimakatso G. Mashala

African Vision and Eye Health | Vol 81, No 1 | a765 | 30 September 2022

Case Report**270**

A case of severe endogenous endophthalmitis with orbital cellulitis post COVID-19

Herold L. Letsoalo, Solani D. Mathebula

African Vision and Eye Health | Vol 81, No 1 | a748 | 30 September 2022

Letters to the Editor**274**

The use of ocular perfusion pressure surrogates in population-based glaucoma studies

Kelsey V. Stuart

African Vision and Eye Health | Vol 81, No 1 | a751 | 27 July 2022

Correction**276**

Erratum: Diabetic retinopathy and retinal screening awareness amongst female diabetic patients at a day hospital diabetic clinic in Cape Town, South Africa

Nomfundo F. Mkhombe, Peter Clarke-Farr

African Vision and Eye Health | Vol 81, No 1 | a706 | 20 May 2022

Correction**277**

Corrigendum: Ocular manifestations of HIV and AIDS patients on antiretroviral therapy in a tertiary hospital in South Africa

Prisilla S. Makunyane, Solani D. Mathebula

African Vision and Eye Health | Vol 81, No 1 | a712 | 30 June 2022

Reviewer Acknowledgement**278**

African Vision and Eye Health | Vol 81, No 1 | a813 | 19 December 2022