Sexual reproductive health, NCDs and infectious diseases

James K Tumwine

Editor in Chief, African Health Sciences.

DOI: https://dx.doi.org/10.4314/ahs.v22i1.1

Cite as: Tumvine JK. Sexual reproductive health, NCDs and infectious diseases. Afri Health Sci. 2022;22(1):i-v. https://dx.doi. org/10.4314/ahs.v22i1.1

I am pleased to welcome you to this 2022 first issue of African Health Sciences covering reproductive health, non-communicable diseases and infections. Because of the COVID-19 pandemic we received unprecedented high numbers of manuscripts and a corresponding proportion of accepted papers for publication. This, inevitably, put a lot of strain on our volunteers and hence the slight delay in releasing this issue.

In the reproductive health section, we bring you 24 papers on condom use and family planning, ¹⁻⁴ sexuality⁵⁻⁸ and menstruation ^{9,10}. This is followed by papers on cancer and other neoplasms in women ¹¹⁻¹⁶. Then comes the section on pregnancy and its outcomes and complications ¹⁷⁻²³, as well as the importance of midwifery²⁴.

We follow this up with non-communicable diseases. This section is diverse and includes articles on the cardiovascular system ²⁵⁻²⁷ such as cardiomyopathy, arrhythmias in adults and pulmonary hypertension in children. It also includes substance abuse, other mental health and neurological diseases ²⁸⁻³³. We touch on metabolic disorders and cancer³⁴⁻⁴¹, as well as traditional herbs, genes and trauma⁴²⁻⁴⁸.

We have a major section on infectious diseases and these are dominated by HIV⁴⁹⁻⁵⁵ and other infections such as hepatitis B, tuberculosis, bacterial infections, Covid-19 and others⁵⁶⁻⁶⁹.

The rest of the first issue of this 22nd volume of African Health Sciences ranges from disability, surgery, to haematology and training⁷⁰⁻⁷⁹. Finally, we wish to thank all our partners, readers, volunteers, editorial and board teams, authors and reviewers. Thank you very much for your support as we strive for excellence in publishing for better health in Africa and the diaspora.

References

- 1. Amevor E, Tarkang E. Determinants of female condom use among female tertiary students in the Hohoe Municipality of Ghana using the Health Belief Model. *Afri Health Sci.* 2022;22(1):1-10. https://dx.doi.org/10.4314/ahs.v22i1.2
- 2. Nyoni P, James N. Condom use and risk factors of inconsistent or low use of the condoms during heterosexual anal intercourse in sub-Saharan Africa: a scoping

- review. *Afri Health Sci.* 2022;22(1):11-20. https://dx.doi.org/10.4314/ahs.v22i1.3
- 3. Wani M, Nakigudde J, Nansikombi HT, Orishaba P, Kalibbala D, Kalyango JN, et al. Contraceptive acceptability and associated factors among young women (15-24) living with HIV/AIDS: a hospital-based study in Kampala, Uganda. *Afri Health Sci.* 2022;22(1):21-7. https://dx.doi.org/10.4314/ahs.v22i1.4
- 4. Tumwesigye NM, Makumbi F, Mukose A, Atuyambe L, Namanda C, Ssali S, et al. Ability and willingness to pay for family planning services in low resource settings: evidence from an operational research. *Afri Health Sci.* 2022;22(1):28-40. https://dx.doi.org/10.4314/ahs. v22i1.5
- 5. Omisore A, Oyerinde I, Abiodun 0, Aderemi Z, Adewusi T, Ajayi I, et al. Factors associated with risky sexual behaviour among sexually experienced undergraduates in Osun state, Nigeria. *Afri Health Sci.* 2022;22(1):41-50.https://dx.doi.org/10.4314/ahs. v22i1.6
- 6. Adejumo OA, Adebayo BI, Adesola S, Bowale A, Adejumo EN, Atewe S, et al. Factors associated with risky sexual behaviour among clients undertaking HIV testing and counselling services at a secondary referral hospital Lagos, Nigeria. *Afri Health Sci.* 2022;22(1):51-61. https://dx.doi.org/10.4314/ahs.v22i1.7
- 7. Ssanyu JN, Namuhani N, Nalwadda CK. Reporting of sexual and gender-based violence and associated factors among survivors in Mayuge, Uganda. . *Afri Health Sci.* 2022;22(1):62-8. https://dx.doi.org/10.4314/ahs. v22i1.8
- 8. Amirbahram A. A Study of Female Genital Mutilation of African-Descent Iranians in Qeshm Island. *Afri Health Sci.* 2022;22(1):69-79. https://dx.doi.org/10.4314/ahs.v22i1.9
- 9. Jaber RM, Alghzawi AO, Salameh HH. Premenstrual syndrome: consultation sources and the impact on women's quality of life. . *Afri Health Sci.* 2022;22(1):80-7. https://dx.doi.org/10.4314/ahs.v22i1.10
- 10. Abor PA. Menstrual hygiene management in public high schools in Ghana. *Afri Health Sci.* 2022;22(1):88-91. https://dx.doi.org/10.4314/ahs.v22i1.11
- 11. Ledaga NA, Woromogo SH, Yagata-Moussa FE,



© 2022 Tumwine JK. Licensee African Health Sciences. This is an Open Access article distributed under the terms of the Creative commons Attribution License (https://creativecommons.org/licenses/BY/4.0), which permits unrestricted use, distribution, and reproduction in any medium, provided the original work is properly cited.

- Mavoungou AS, Tekem VNS. Cervical precancerous lesions at the Tchibanga Regional Hospital and the University Hospital in Gabon in 2018: smartphone as a screening tool for diagnosis. *Afri Health Sci.* 2022;22(1):92-7. https://dx.doi.org/10.4314/ahs.v22i1.12
- 12. Lukman Y, Bala DA, Malik KI, Saidu A, Saleh KA, Abubakar BJ, et al. Identification of HPV16's E6 gene in suspected cases of cervical lesions and docking study of its L1 protein with active components of Echinacea purpurae. *Afri Health Sci.* 2022;22(1):98-105. https://dx.doi.org/10.4314/ahs.v22i1.13
- 13. Kinotia NJ, Muturib M, Kamauc L, Lwembed R. Human Papillomavirus types prevalence and their association with cervical dysplasia among HIV and non-HIV infected women attending reproductive health clinics in Eastern Kenya. *Afri Health Sci.* 2022;22(1):106-14. https://dx.doi.org/10.4314/ahs.v22i1.14
- 14. Ayandipo OO, Adepoju OJ, Ogun GO, Afuwape OO, Soneye OY, Ulasi IB. Axillary nodal metastasis and resection margins as predictors of Loco Regional Recurrence in Breast Cancer Patients. *Afri Health Sci.* 2022;22(1):115-24.https://dx.doi.org/10.4314/ahs. v22i1.15
- 15. Gündüz R, Ağaçayak E, Okutucu G, Alabalik U, Evsen MS. Evaluation of definitive histopathological results of patients diagnosed with endometrial polyps: a tertiary care center experience. *Afri Health Sci.* 2022;22(1):125-32.https://dx.doi.org/10.4314/ahs. v22i1.16
- 16. Ohayi S, Onyishi N, Mbah S. Endometriosis in an indigenous African women population. *Afri Health Sci.* 2022;22(1):133-8.https://dx.doi.org/10.4314/ahs. v22i1.17
- 17. Etokidem A, Agbor I, Isika A, Ago B, Mkpanam N. Predictors of utilization of facility-based ante-natal care and delivery services in a Nigerian Rural Community. *Afri Health Sci.* 2022;22(1):139-51. https://dx.doi.org/10.4314/ahs.v22i1.18
- 18. Swahn MH, Culbreth R, Adams S, Kasirye R, Shanley J. Demographic and psychosocial risk factors for adolescent pregnancies among sexually active girls in the slums of Kampala, Uganda. *Afri Health Sci.* 2022;22(1):152-9. https://dx.doi.org/10.4314/ahs. v22i1.19
- 19. Odongo L, Goebeler M, Kneitz H, Lule JC, Turyasingura G. Fatal maternal complication due to neurofibromatosis type 1-associated giant pigmented plexiform neurofibromas in pregnancy: a case report and literature review. *Afri Health Sci.* 2022;22(1):160-3. https://dx.doi.org/10.4314/ahs.v22i1.20
- 20. Abdelmageed E, Bahaeldin H, Nadiah A, Abdelbagi

- A, Duria R, Ishag A. Maternal and neonatal outcomes of grand multiparity in Khartoum, Sudan. *Afri Health Sci.* 2022;22(1):164-71. https://dx.doi.org/10.4314/ahs.v22i1.21
- 21. Jombo S, Ossai C, Onwusulu D, Ilikannu S, Fagbemi A. Feto-maternal outcomes of caesarean delivery in Federal Medical Centre, Asaba: a two year review. *Afri Health Sci.* 2022;22(1):172-9. https://dx.doi.org/10.4314/ahs.v22i1.22
- 22. Ngene NC. Multiple uterine perforations during manual vacuum aspiration: the need to increase the clinical awareness of attending healthcare professionals. *Afri Health Sci.* 2022;22(1):180-2. https://dx.doi.org/10.4314/ahs.v22i1.23
- 23. Okoye HC, Nwagha TU, Ugwu AO, Menuba IE, Duru AN, Ugwu EO, et al. Diagnosis and treatment of obstetrics disseminated intravascular coagulation in resource limited settings. *Afri Health Sci.* 2022;22(1):183-90. https://dx.doi.org/10.4314/ahs.v22i1.24
- 24. Simane-Netshisaulu K, Maputle M, Netshikweta LM, Shilubane H. Mentorship during transition period: a challenge for newly qualified midwives in Limpopo province of South Africa. *Afri Health Sci.* 2022;22(1):191-9. https://dx.doi.org/10.4314/ahs.v22i1.25
- 25. Seliem ZS, Mehaney DA, Selim LA-e, El-Saiedi SA, Ismail RI, Almenabawy NM, et al. Clinical and biochemical spectrum of metabolic cardiomyopathy in Egyptian children. *Afri Health Sci.* 2022;22(1):200-9. https://dx.doi.org/10.4314/ahs.v22i1.26
- 26. Bukata IT, Tegene E, Gobena T, Woldesenbet YM. Prevalence and determinants of cardiac arrhythmias and conduction anomalies in adults aged ≥ 40 years in Jimma Town, Southwest of Ethiopia: a cross-sectional study. *Afri Health Sci.* 2022;22(1):210-9. https://dx.doi.org/10.4314/ahs.v22i1.27
- 27. Chinawa JM, Duru CO, Chinawa AT, Chukwu BF. A comparative analysis on risk of pulmonary hypertension in children with Atrio-ventricular (AV) canal defect: a multi-centre study. *Afri Health Sci.* 2022;22(1):220-6. https://dx.doi.org/10.4314/ahs.v22i1.28
- 28. Chioma OO, Bridget IU, Ifeyinwa CN, Fidelia OE. Knowledge and indulgence in substance abuse among adolescents in Anambra state, South-East Nigeria. *Afri Health Sci.* 2022;22(1):227-33. https://dx.doi.org/10.4314/ahs.v22i1.29
- 29. Zwane NPL, Mashau NS, Moselakgomo VK. Alcohol consumption and cigarette smoking: a health-risk behaviour among secondary school learners in South Africa. *Afri Health Sci.* 2022;22(1):234-41. https://dx.doi.org/10.4314/ahs.v22i1.30
- 30. Alenko A, Kerebih H. Psychotic symptoms and its

- association with substance use disorders among adult prisoners in correctional institution: a facility based cross-sectional study in Southwest Ethiopia. *Afri Health Sci.* 2020;22(1):242-51. https://dx.doi.org/10.4314/ahs.v22i1.31
- 31. Kaddumukasa M, Nalubwama H, Blixen C, Sewankambo N, Sajatovic M, Katabira E. A mixed-methods, cross-sectional study of perceived stigma among Ugandans with epilepsy. *Afri Health Sci.* 2022;22(1):252-62. https://dx.doi.org/10.4314/ahs.v22i1.32
- 32. Kubwimana O, Ndata A, Ivang A, Ndahimana P, Nzayisenga A, Byiringiro JC, et al. Musculocutaneous and median nerve branching: anatomical variations. Case Series from UR clinical anatomy and literature review. *Afri Health Sci.* 2022;22(1):263-8. https://dx.doi.org/10.4314/ahs.v22i1.33
- 33. Howlett WP, Urasa SJ, Maro VP, Walker RW, Kilonzo KG, Howlett PJ, et al. Neurological disorders in Northern Tanzania: A 6-year prospective hospital-based case series. *Afri Health Sci.* 2022;22(1):269-84. https://dx.doi.org/10.4314/ahs.v22i1.34
- 34. Pelluri R, Kongara S, Chimakurthy J, Nagasubramanian VR. Association between physical activity knowledge and attitude on diabetes among normal weight and overweight/obese type-2 diabetic patients: a rural community-based cross-sectional study. *Afri Health Sci.* 2022;22(1):285-92.https://dx.doi.org/10.4314/ahs. v22i1.35
- 35. Abu EK, Ofori AO, Boadi-Kusi SB, Ocansey S, Yankah RK, Kyei S, et al. Dry eye disease and meibomian gland dysfunction among a clinical sample of type 2 diabetes patients in Ghana. *Afri Health Sci.* 2022;22(1):293-302. https://dx.doi.org/10.4314/ahs. v22i1.36
- 36. El-Mowafy M, Elgaml A, Abass N, Mousa AA, Amin MN. The antimicrobial peptide alpha defensin correlates to type 2 diabetes via the advanced glycation end products pathway. *Afri Health Sci.* 2022;22(1):303-11. https://dx.doi.org/10.4314/ahs.v22i1.37
- 37. Whelan M, van Aswegen H, Roos R, Fabian J, Bebington B, Neph C. The association between lifestyle-related risk factors and survival in patients with colorectal cancer in an urban South African cohort. *Afri Health Sci.* 2022;22(1):312-21. https://dx.doi.org/10.4314/ahs.v22i1.38
- 38. Ndebia EJ, Ngonyama T, Molaoa S. Exploring the use of p53 protein expression as an indicator of oesophageal cancer severity from a high incidence rural area of Africa. *Afri Health Sci.* 2022;22(1):322-6. https://dx.doi.org/10.4314/ahs.v22i1.39
- 39. Kibudde S, Namisango E, Nakaganda A, Atieno M, Bbaale J, Nabwana M, et al. Turnaround time and bar-

- riers to treatment of newly diagnosed cancer in Uganda: a mixed-methods longitudinal study. *Afri Health Sci.* 2022;22(1):327-37. https://dx.doi.org/10.4314/ahs. v22i1.40
- 40. Poornima S, Daram S, Devaki RK, Merugu R, Subramanyam K. Association of MTHFR gene polymorphism C677T (rs1801133) studies with early primary knee osteoarthritis in a South Indian population: a hospital-based study. *Afri Health Sci.* 2022;22(1):338-43. https://dx.doi.org/10.4314/ahs.v22i1.41
- 41. Raji YR, Ajayi SO, Adeoye AM, Amodu O, Tayo BO, Salako BL. Fibroblast Growth Factor 23 (FGF 23) and intact parathyroid hormone (iPTH) as markers of mineral bone disease among Nigerians with non-diabetic kidney disease. *Afri Health Sci.* 2022;22(1):344-51. https://dx.doi.org/10.4314/ahs.v22i1.42
- 42. Kiyimba K, Ayikobua ET, Mwandah DC, Obakiro SB. Assessing the protective effect of Crassocephalum vitellinum against Rifampicin- induced hepatotoxicity in Wistar rats. *Afri Health Sci.* 2022;22(1):352-60. https://dx.doi.org/10.4314/ahs.v22i1.43
- 43. Ndikom BC, Ergoren MC, Sayan M, Mocan G, Fahrioğlu U. CCR5-Δ32 gene variant frequency in the Nigerian and Zimbabwean populations living in North Cyprus. *Afri Health Sci.* 2022;22(1):361-6. https://dx.doi.org/10.4314/ahs.v22i1.44
- 44. Dube A, Gouws C, Breukelman G. Effects of hypohydration and fluid balance in athletes' cognitive performance: a systematic review. *Afri Health Sci.* 2022;22(1):367-76. https://dx.doi.org/10.4314/ahs. v22i1.45
- 45. Nahla MI, El-Sayed SE, Ragaa A-EE, El Ghafar A-E-h A-A. Mechanical vestibular stimulation versus traditional balance exercises in children with Down syndrome. *Afri Health Sci.* 2022;22(1):377-83. https://dx.doi.org/10.4314/ahs.v22i1.46
- 46. Veeramani C, El Newehy AS, Alsaif MA, Al-Numair KS. Cassia fistula nutrition rich flower tea derived biotic nanoparticles synthesis, characterization and their antioxidant and anti-hyperglycaemic properties. *Afri Health Sci.* 2022;22(1):384-94. https://dx.doi.org/10.4314/ahs.v22i1.47
- 47. Vakele Y, Odun-Ayo F, Reddy L. In vitro antioxidant and cytotoxicity activities of selected indigenous South African medicinal plants. *Afri Health Sci.* 2022;22(1):395-403. https://dx.doi.org/10.4314/ahs.v22i1.48
- 48. Luggya TS, Ngabirano AA, Sarah R, Mabweijano J, Osire J, Achieng L, et al. Trauma unit admissions at the Ugandan National Referral Hospital: a descriptive study. *Afri Health Sci.* 2022;22(1):404-9. https://dx.doi.org/10.4314/ahs.v22i1.49
- 49. Ojong E, Iya B, Djeufouata J, Ndeh F, Nsonwu A,

- Njongang V, et al. Metabolic syndrome and its components among HIV/AIDS patients on Antiretroviral Therapy and ART-Naïve Patients at the University of Calabar Teaching Hospital, Calabar, Nigeria. *Afri Health Sci.* 2022;22(1):410-7. https://dx.doi.org/10.4314/ahs. v22i1.50
- 50. Igwe CU, Ewuga EE, Ujowundu CO, Onyeocha IO, Onwuliri VA. Serum protein concentration and amino acid profile of HIV/HBV co-infected subjects on HAART in Plateau State, Nigeria. *Afri Health Sci.* 2022;22(1):418-30. https://dx.doi.org/10.4314/ahs. v22i1.51
- 51. Khazalwa EM, Were T, Mulama DH, Budambula V. The burden and types of anaemia among HIV infected, ART-naive injection substance users in Kenya. *Afri Health Sci.* 2022;22(1):431-42. https://dx.doi.org/10.4314/ahs.v22i1.52
- 52. Abebe KB, Tegegne AS. Predictors of non-adherence to medication and time to default from treatment on HIV infected patients under HAART: a comparison of joint and separate models. *Afri Health Sci.* 2022;22(1):443-55. https://dx.doi.org/10.4314/ahs. v22i1.53
- 53. Opara HC, Iheanacho PN, Nebo B, Ingwu JA, Anetekhai CJ, Anarado AN. Factors affecting adherence to anti-retroviral therapy among women attending HIV clinic of a tertiary health institution in SouthEastern, Nigeria. *Afri Health Sci.* 2022;22(1):456-64. https://dx.doi.org/10.4314/ahs.v22i1.54
- 54. Nkansah C, Serwaa D, Osei-Boakye F, Owusu-Ampomah R. Magnitude and trend of HIV and Treponema pallidum infections among blood donors in Offinso-North District, Ghana: a nine-year retrospective, cross-sectional study. *Afri Health Sci.* 2022;22(1):465-74. https://dx.doi.org/10.4314/ahs.v22i1.55
- 55. Ajala O, Odetoyin B, Owojuyigbe T, Onanuga A. Detection of tem-1 and class-1 integrons in multidrug resistant uropathogens from HIV patients with asymptomatic bacteriuria in a Tertiary Care Hospital, SouthWest Nigeria. *Afri Health Sci.* 2022;22(1):475-85. https://dx.doi.org/10.4314/ahs.v22i1.56
- 56. Tasneem U, Majid M, Mehmood K, Redaina, Rehman FU, Andleeb S, et al. Co-occurrence of antibiotic resistance and virulence Genes in Methicillin Resistant Staphylococcus aureus (MRSA) Isolates from Pakistan. *Afri Health Sci.* 2022;22(1):486-95. https://dx.doi.org/10.4314/ahs.v22i1.57
- 57. Belay AS, Yehualashet SS, Abateneh DD, Kebede KM. Sero-prevalence of Hepatitis B virus surface antigen and associated factors among women of reproductive age in Bench Maji Zone, Southwest Ethiopia:

- Community based cross-sectional study. *Afri Health Sci.* 2022;22(1):496-503. https://dx.doi.org/10.4314/ahs. v22i1.58
- 58. Okonkwo UC, Okpara HC, Inaku K, Aluka TM, Chukwudike ES, Ogarekpe Y, et al. Prevalence and risk factors of Hepatitis D virus antibody among asymptomatic carriers of Hepatitis B virus: a community survey. *Afri Health Sci.* 2022;22(1):504-10. https://dx.doi.org/10.4314/ahs.v22i1.59
- 59. Umego CF, Mboto CI, Asitok AD, Osaji LC, George UE, Edet UO, et al. Circulation of hepatitis B virus genotype-E among outpatients in tertiary hospitals in the Niger-Delta region of Nigeria. *Afri Health Sci.* 2022;22(1):511-20. https://dx.doi.org/10.4314/ahs.v22i1.60
- 60. Rehman AU, Anwar F, Tayyab M, Haq I, Haq M, Ahmed A, et al. Incidence of Dengue fever, serotypes, clinical features, and laboratory markers: a case study of 2019 outbreak at district Shangla, KP, Pakistan. *Afri Health Sci.* 2022;22(1):521-31. https://dx.doi.org/10.4314/ahs.v22i1.61
- 61. Turan O, Demirci NY, Güntülü AK, Akçay S, Aktürk ÜA, Bilaçeroğlu S, et al. Anxiety and depression levels of healthcare workers during the Covid-19 pandemic. *Afri Health Sci.* 2022;22(1):532-40. https://dx.doi.org/10.4314/ahs.v22i1.62
- 62. Idowu OM, Adaramola OG, Aderounmu BS, Olugbamigbe ID, Dada OE, Osifeso AC, et al. A gender comparison of psychological distress among medical students in Nigeria during the Coronavirus pandemic: a cross-sectional survey. *Afri Health Sci.* 2022;22(1):541-50. https://dx.doi.org/10.4314/ahs.v22i1.63
- 63. Maibvise C, Shongwe M, Jele V, Dlamini P, Chiviya W. Perceptions about tuberculosis and perceived tuberculosis-related stigma and associated factors among the mining community in Eswatini. *Afri Health Sci.* 2022;22(1):551-9. https://dx.doi.org/10.4314/ahs. v22i1.64
- 64. Micheni LN, Deyno S, Bazira J. Mycobacterium tuberculosis mixed infections and drug resistance in sub-Saharan Africa: a systematic review. *Afri Health Sci.* 2022;22(1):560-72. https://dx.doi.org/10.4314/ahs. v22i1.65
- 65. Jouimyi MR, Bounder G, Boura H, Essaidi I, Bendahmane A, Benomar H, et al. The EPIYA-ABCC motif of Helicobacter pylori cagA gene and gastric carcinogenesis in Casablanca population. *Afri Health Sci.* 2022;22(1):573-80. https://dx.doi.org/10.4314/ahs. v22i1.66
- 66. Masiga F, Kigozi E, Najjuka CF, Kajumbula H, Kateete DP. Diarrhoeagenic Escherichia coli isolated

- from children with acute diarrhoea at Rakai hospital, Southern Uganda. *Afri Health Sci.* 2022;22(1):581-8. https://dx.doi.org/10.4314/ahs.v22i1.67
- 67. Kitungulu N, Guyah B, Webale M, Shaviya N, Machani M, Mulama D, et al. Resistance of Anopheles gambiae sensu lato to Pirimiphos-methyl Insecticide in Kakamega County, Highlands of Western Kenya. *Afri Health Sci.* 2022;22(1):589-97. https://dx.doi.org/10.4314/ahs.v22i1.68
- 68. de la Hoz JA, Otones LL, Sáenz MH, Martín MJR. Parvovirus b19 infection in children with sickle cell disease, watch out for splenomegaly! A case report. *Afri Health Sci.* 2022;22(1):598-601. https://dx.doi.org/10.4314/ahs.v22i1.69
- 69. Helal TE-A, Wahab HEE-A, Saber SM, Abdelaaty WH, Eltabbakh MM, Aref AM, et al. Molecular detection of pathogenic bacteria in the colonic biopsies from patients with Ulcerative Colitis. *Afri Health Sci.* 2022;22(1):602-10. https://dx.doi.org/10.4314/ahs. v22i1.70
- 70. Salehian MH. The predictive role of psychological toughness and adaptability on the actual well-being of mothers with handicapped children. *Afri Health Sci.* 2022;22(1):611-8. https://dx.doi.org/10.4314/ahs. v22i1.71
- 71. Zitha AJ, Rampersad N. Cataract surgery outcomes: comparison of the extracapsular cataract extraction and manual small incision cataract surgery techniques. *Afri Health Sci.* 2022;22(1):619-29. https://dx.doi.org/10.4314/ahs.v22i1.72
- 72. Mirzaei Y, Savari Z, Yazdani-Nafchi F, Salehi-Vanani N, Fallahi E, Pirayesh A, et al. The expression analysis of IL-6, IL-18, IL-21, IL-23, and TGF-β mRNA in the nasal mucosa of patients with Allergic rhinitis. *Afri Health Sci.* 2022;22(1):630-40. https://dx.doi.org/10.4314/ahs.v22i1.73

- 73. Doku GN, Agbozo WK, Annor RA, Mawudzro PE, Agbeli EE. Frequencies and ethnic distribution of ABO and RhD blood groups in the Volta region of Ghana, towards effective blood bank services. *Afri Health Sci.* 2022;22(1):641-7. https://dx.doi.org/10.4314/ahs. v22i1.74
- 74. Arıkan D, Önmez A, Aksu E, Taşdemir N. Predictivity of fatty liver index for non-alcoholic fatty liver disease in lean females with polycystic ovary syndrome. *Afri Health Sci.* 2022;22(1):648-56. https://dx.doi.org/10.4314/ahs.v22i1.75
- 75. McAdams E, Tingey B, Ose D. Train the trainer: improving health education for children and adolescents in Eswatini. Afri Health Sci. 2022;22(1):657-63. https://dx.doi.org/10.4314/ahs.v22i1.76
- 76. van Stam G. Conceptualization and practices in digital health: voices from Africa. *Afri Health Sci.* 2022;22(1):664-72. https://dx.doi.org/10.4314/ahs. v22i1.77
- 77. Veeramani C, El Newehy AS, Alsaif MA, Al-Numair KS. Vitamin A- and C-rich Pouteria camito fruit derived superparamagnetic nanoparticles Synthesis, characterization, and their cytotoxicity. *Afri Health Sci.* 2022;22(1):673-80. https://dx.doi.org/10.4314/ahs. v22i1.78
- 78. Osuala EC, Tlou B, Ojewole EB. Knowledge, attitudes, and practices towards drug-food interactions among patients at public hospitals in eThekwini, Kwa-Zulu-Natal, South Africa. *Afri Health Sci.* 2022;22(1):681-90. https://dx.doi.org/10.4314/ahs.v22i1.79
- 79. Kart Y, Uğur C, Abdi AM. Retrospective evaluation of inpatients admitted to a tertiary hospital in Somalia for Pediatric surgery. *Afri Health Sci.* 2022;22(1):691-7. https://dx.doi.org/10.4314/ahs.v22i1.80