

Annual Academic Sessions 2023
Faculty of Medicine, University of Ruhuna

Scientific sessions

11:20 - 12:30 **FMAS Symposium:**

"Harnessing Digital Technology in Healthcare Delivery"

Chaired by

Senior. Prof. Sampath Gunawardena

Prof. Arosha Dissanayake

"Artificial intelligence and machine learning in medical diagnosis and treatment"

Dr. Harsha Jayakody

"Digital health innovation: Disruption, frugality and 'wow' factor"

Dr. Pandula Siribaddana

"Sri Lanka's Digital Health Landscape: Opportunities, challenges, and roadmap for future development"

Dr. Buddhika Ariyaratne

12:30 - 13:15 **Emerging research from Faculty of Medicine, University of Ruhuna**

Chaired by

Prof. Channa Yahathugoda

Dr. Iresha Mampitiya

Dietary practices, social relations and intervention to change for a healthy diet among office workers at government offices in Galle district

Dr. Chandana GJ

Department of Community Medicine, Faculty of Medicine, University of Ruhuna

Dengue viral replication is increased by prostaglandin and leukotriene mediators: Potential future therapeutic options for severe dengue infection

Dr. Fonseka CL

Department of Medicine, Faculty of Medicine, University of Ruhuna

Assessment of maternal and birth outcomes and predicting selected birth outcomes using maternal anthropometry with ordinal logistic approach: A cross sectional study

Dr. Darshana ILAN

Department of Community Medicine, Faculty of Medicine, University of Ruhuna

13:15 - 14:00 **Poster Presentations - Open Category**

- PP1** *Exploring the Knowledge, Attitudes, and Establishment of Breastfeeding in Primigravida Women: at a Tertiary Care Maternity Hospital in Southern Province of Sri Lanka*
Wijerathne RNIP , Dasanayake L
- PP2** *Effect of Body Mass Index and health related lifestyle factors on academic performance among Allied Health undergraduates in University of Ruhuna*
Ambepitiya ADDV, Alwis G
- PP3** *Case study of congenital chylothorax*
Igalagamage, L R, Sanjeewa M.A.G.A, Gunathilake, G, Withanaarachchi, K, Ariyaratne, C, Priyadarshani, M
- PP4** *Prevalence and associated factors of Chronic Widespread Pain among pregnant mothers in Galle*
Chandana GJ , Jayasekera P, Narangoda S, Wijetunga T, De Silva PV
- PP5** *Antifungal sensitivity of Candida isolates colonized in a cohort of ICU patients from the Teaching Hospital Karapitiya*
Thabrew H, Wijeyarathne WMDGB, Nagahawatte A De S
- PP6** *Factors affecting weight gain during pregnancy in pregnant mothers admitted to a tertiary care facility in Southern Sri Lanka*
Kulathunga PARI, De Silva BVS, Wijesinghe CJ, Amaradasa WPH, Mendis WPM, Rathnayake MK, Weliwita DD, Priyadarshana PNSL
- PP7** *The usage patterns of web browsers and internet access among the staff Faculty of Medicine, University of Ruhuna*
Jayasuriya D, Rukmal PPGR, Chathuranga WGI, Sumanasekara TPGMT, Galpoththawala DA, Karunanayake A
- PP8** *The profile of congenital heart diseases in neonates and infants referred to Paediatric Cardiology Unit, Teaching Hospital, Karapitiya*
Kariyawasam JP ,Ragunathan IR, Liyanage UB, De Silva PV

PP9

A Rare Anatomical Variation of Renal Vasculature with the Presence of a Portosystemic Anastomosis

Samarawickrama M.B, Rodrigo PM., Nanayakkara PGCL

PP10

Knowledge, attitudes, practices and risk perception on COVID-19 among medical undergraduates in a state university in Sri Lanka during the first wave of COVID-19 pandemic

Wickramasinghe SS , Pathirana MD

Poster Presentations - Student Category

- SPP1** Impact of breakfast habits on health and academic performance among undergraduates of University of Ruhuna
Rathnayaka ASS , Rathnayaka IPWDD, Rathnayake RMIM, Rathnayake RMVS, Raxzana JF, Hettiarachchi M
- SPP2** Nutritional status among children in 6-59 months of age with congenital heart diseases attending to the paediatric cardiology clinic, Teaching Hospital, Karapitiya
Nawarathna NVC, Muthugala MRSG, Munasinghe MARL, Nadeeshani KR, Nanayakkara NHWHE, Kankanarachchi I.
- SPP3** **Occupation-Related Health Issues Among Fishermen in Hikkaduwa Fisheries Harbour**
Sasinga WPM, Sasna MJF, Sandupama KHY, Sashindra KT, Seedeve RB, Ruben J
- SPP4** Clinical profile and risk factors for lower limb cellulitis among patients admitted to Teaching Hospital Karapitiya (THK)
De Silva ASC , De Silva HAU, De Silva HPC, De Silva KSD, De Silva MPHP, Liyanage PLAN
- SPP5** Prevalence of occupational stress and associated factors among doctors in Teaching Hospitals in Galle district
Perera UNN, Perera KDKG, Perera KHN, Perera HNT, Perera GTPM, De silva PV
- SPP6** Adherence to the medication regimen among patients with rheumatoid arthritis attending rheumatology clinics of Teaching hospital Karapitiya (THK)
Abeyrathna HMRDB, Adikari AMNG, Abeygunawardhana WHS , Abeysirigunawardhana NH, Aiyapperuma AHMRS, Liyanage GC
- SPP7** Home-environmental risk factors for childhood asthma among the children who arrived at paediatric care at Teaching Hospital Karapitiya, A case control study
Gamage RL, Gamage DSH, Gamage KY, Gayara PMH, Gallage PGAS, Darshana ILAN
- SPP8** Patterns, causes and factors associated with injuries due to accidents among the elderly population admitted to Emergency Treatment Unit of Teaching Hospital Karapitiya
Amarasekare ALAPR, Alagiyawanna AMSV, Amandi WO, Amarsinghe NPA, Ambalakanda ASD, Warushahennadi J
- SPP9** Quality of life and coping practices of patients with Chronic Kidney Disease attending Teaching Hospital, Karapitiya
Ariyaseana MAAD, Ariyaratna DKMD, Athukorala WAADSD, Bandara MBMHN, Bandara SVS, Wijesinghe CJ
- SPP10** Utilization of contraceptives among women of reproductive age in Bope-Poddala Medical Officer of Health area
Fernando WMS, Fernando WAM, Fernando MBS, Gamaarachchi TN, Kumarathunga RSD, De Silva BVS
- SPP11** Types of chronic wounds, their complications and related socioeconomical problems among patients attending to medical and surgical units in Teaching Hospital Karapitiya (THK)

Tilakaratne SR, Thattsarani YKGP, Thennakoon TMS, Udugama UGPN, Umar SA, Kulathunga PARI

- SPP12** **Quality of life among patients with asthma aged between 10-14 years attending Teaching Hospital Karapitiya**
Wijenayake JDS , Wickramasuriya PSM , Wijepala WDW , Wijerathna BARP , Wijesinghe WMDK Jayawardana P
- SPP13** **Prevalence and factors associated with pruritus among pregnant women attending antenatal clinic at Teaching Hospital Mahamodara**
Romini HAU, Vidyarathna NVLC, Umayangana KDSK, Uthpala OVE, Liyanage PLAN
- SPP14** **Knowledge and Compliance to Warfarin Therapy among patients treated and followed up at haematology clinic Teaching Hospital Karapitiya"**
Samarajeewa RSN, Ruwanpura SWDN, Ruwandika KLGs, Sandamali TPGP, Rimla NMRF, Ponnampereuma T
- SPP15** **Dietary habits and related factors associated with growth parameters of children aged less than five years**
Ranaweera RASP, Rajarathna NASP, Ranasinghe KDT, Ranaweera SU, Randima MKN, Rathnayake H
- SPP16** **Knowledge and Practices on Menstrual Hygiene Management Among Female Undergraduates of University of Ruhuna.**
Premchandra JSM, Punchihewa NT, Primali KGN, Rajapaksha MSM, Lenora RSJ

14:00 - 15:00

Free Paper Session - Open Category

Chaired by

Senior Prof. K.D. Pathirana

Prof. Thyagi Ponnampereuma

- OP1** *Aegle marmelos L. fruit extracts encapsulated alginate nanoparticles and their in vitro antidiabetic activity*
De Silva WND, Attanayake AP, Karunaratne DN, Pamunuwa KMGK, Arawwawala LDAM
- OP2** *Risk factors for breast cancer among women attending breast cancer clinics in the Apeksha Hospital, Maharagama: A Case-Control Study*
Chathurangika PH, Lenora J
- OP3** *Antenatal anxiety following the COVID-19 vaccination program in pregnant women attending antenatal clinics of Teaching Hospital Mahamodara*
De Silva BVS, Kulathunga PARI, Punchihewa GD , Yapa SR, Dilshan DGM
- OP4** *Evaluating the efficacy of school sexual and reproductive health education in preventing teenage pregnancies: A case study of Egodauyana MOH area, Colombo RDHS, during the COVID-19 pandemic in 2021*
Withanage SJW, Lakshima WDS, Karunanayake A, Kumara RADDA, Chandrasiri WGMMSD, Dharmasena KPD
- OP5** *Impact of leprosy on affected people's lives: A qualitative study*
Liyanage A, Darshana ILAN, Akarawita J, Gunasekara C, Kahawita I, Liyanage G , Senadheera C
- OP6** *Perceptions of medical students regarding the usefulness of generic-personal skills for clinical training*
Jayawardene AJPM , Bodinayake CK , Wijesekera WADMS

15:00 - 16:00

Free Paper Session- Undergraduate Category

Chaired by

Prof. Janaka Lenora

Dr. Pushpika Jayawardena

- SOP1** **Assessment of postpartum bladder care on first-time mothers at Teaching Hospital Mahamodara**
Dissanayaka DMSS, Edirisinghe DK, Diwyanjale WSM, Ediriweera TW, Epa MS, Dasanayake DLW
- SOP2** **Perceptions on COVID19 vaccination programme among Public Health Inspectors(PHIs) and Nurses working in MOH Settings in Galle**
De Silva PDVS, De Zoysa TSPM, Dewmini SDLV, Dewappriya PUSD, Dhanushka PAT, Perera B
- SOP3** **Preference for shared maternity care by the public and private sectors among pregnant women at Teaching Hospital Mahamodara, Galle**
Jayasooriya DASC, Jayathissa EATM, Jayawardhana EAHM, Jayawardhana MWDYR, Nishshanka PU, De Silva BVS
- SOP4** **Linguistic validation of Sinhala translation of International Prostate Symptom Score (IPSS) and assessment of quality of life in men with benign prostatic hyperplasia: A hospital-based study**
Vindula JMO, Vishmintha WVV, Wannigama IS, Wasalasooriya TWHB, Weerakoon AHNI, Goonasinghe SK, Yahathugoda TC
- SOP5** **Screen use behavior, parental awareness of screen time recommendations, and associations of screen time with child behavior among preschool children in Galle Municipality Area**
Chathurangi WJ.KAP. , Dayanadee WAAVR, De Alwis KVR, Abeynayake S, Bandara JMSV, Liyanarachchi N
- SOP6** **Prevalence of occupational exposure to blood and body fluids and its associated factors among healthcare professionals in Teaching Hospital, Karapitiya**
Wickramanayake GWSS, Weerasekara NK Welikanna WMSM, Wickramasinghe WHT, Wickramasuriya MS, Wickramasinghe SS

16:00 - 16:15

Awards ceremony