

# National Health Research Symposium 2025

## Oral Presentations- Winners

### Public Health Sector

Place	Abstract ID	OP No.	Title of the abstract
1 <sup>st</sup> Place	171	01	OP-01: When Families Matter: A Mixed-Methods Study of Family Functioning and Lifestyle-Related Risk Behaviours among Grade Ten Students in Kegalle District, Sri Lanka Jayarathna K A D N S, Vithana P V S C
2 <sup>nd</sup> Place	152	12	OP-12: Calculating the Unit Cost for a Patient Treated at the Outpatient Department (OPD) of National Hospital Galle. Sabhpathige R, Wijerathna L, Tharshanan K, Deerasinghe D, Kavindi D
3 <sup>rd</sup> Place	200	11	OP 11: Prevalence and Behaviour of Cutaneous Leishmaniasis Vector Sand fly (Diptera: Psychodidae) in a Transmission Area in Anuradhapura District. Harishchandra RDJ, Somaweera DGIC, Perera AYK, Chulasiri MPPU, Aluthweera CJ

### Clinical and Biomedical sector

1 <sup>st</sup> Place	128	36	OP -36: Ensemble Learning–Based Decision Support System for Optimizing Hemodialysis Outcomes in Patients with End Stage Renal Disease Rajakaruna P, Jayawardhana N, Edirisinghe L, Abeysekera R, Piyarathne N, Patabendige DA, Krishnapradeep S, Usoof H, Jayasinghe U
2 <sup>nd</sup> Place	111	27	OP-27: Spectral Signatures of Malignancy”: Infrared Protein Conformation Profiling to differentiate Oral Squamous Cell Carcinoma from Precancerous Lesions Senevirathna K , Francis AH, Pirzada M, Mahakapuge TAN , Jayawardana NU, Jayarathne L, Weerasooriya R, Gamage CU, Seneviratne B, Dayananda MK, Perera AGU, Kanmodi KK, Jayasinghe RD
3 <sup>rd</sup> Place	192	39	OP- 39: Efficacy of protocol-based blood pressure management and digital app-based patient follow-up in the outpatient settings of secondary/tertiary-care hospitals in Sri Lanka Mettananda KCD, Perera A, Premaratna R, Manilgama S, Ranasinghe S, Hettiarachchi NM, Jayasekara P, Lamabadusuriya D, De Zoysa W, Jayasundara K, Matthias AT, Wickramasinghe MKII, De Saram EMTK, Mallawa MSR, Premaratna RA, Fernando JSU, , Ranasinghe SDAE, Ranawaka RATSH, Wickramasinghe Champika,

## Oral Health

1 <sup>st</sup> Place	116	21	OP 21: Oral Health–Related Quality of Life and Its Associations with Histopathological Features in Oral Cancer Patients: A Cross-Sectional Study in Kandy District Sewmini PDV, Sewwandi WKM, Shahnaz AHF, Piyrathne NS
2 <sup>nd</sup> Place	113	20	OP-20: Effects of Dental Implants on Dietary and Nutritional Outcomes in the Elderly: A Systematic Review Induijaa. S, Senevirathna. K, Batuwanthudawa. M, Kodikarage. H.C, Bandara. P, Bandara. D.L, Kanmodi. K.K, Jayasinghe. R.D , Jayasinghe. R.M
3 <sup>rd</sup> Place	186	22	OP-22-Prevalence and Sociodemographic Factors Associated with Betel Quid Dependence

## Cross cutting areas

1 <sup>st</sup> Place	121	43	Effectiveness of disaster management interventions to enhance disaster preparedness among healthcare workers: A systematic review Ananda R, M.T.Q.F.Shanaz, Herath H.M.A.C.B, Herath M.D, Liyange P
2 <sup>nd</sup> Place	127	44	Informed and Involved: Satisfaction on Obtaining Consent Before Major Surgery in a Tertiary Care Setting Ashfak AM, Perera MRH, Abayawickrama PA, Ekanayake EMMC, Panagoda S, Nandasena RGM, Seneviwickrama KLMD
3 <sup>rd</sup> Place	177	41	Integration of Disease Registries into Electronic Medical and Health Records: Alignment with the Sri Lanka Digital Health Blueprint  Deva Surendra C, Samaranayake N, Sylva P

## Ayurveda-

1 <sup>st</sup> Place	227	42	Shaping Factors of Knowledge and Perceptions of Traditional Medicine Among Middle-Adolescent Students in National Schools of Trincomalee Town and Gravets, Sri Lanka  Vidya dharshini. K, Manoraj. A
2 <sup>nd</sup> Place			Not Qualified
3 <sup>rd</sup> Place			Not Qualified

# Poster Presentations

## Public Health Sector

First place	PP -16 (ID 233) Prevalence and factors associated with overweight and obesity among pregnant mothers in a Medical Officer of Health area in Eastern Sri Lanka  Ganeshamoorthy P, Venkadesappirabu Y
Second place	PP 04 (ID 223): Determination of the emergence rate of An. stephensi from wells in Jaffna District Sri Lanka  Fernando MAST, Kapilraj R, Sanjeevan M, Sathaiyendran K, Vajeenth V
Third place	PP-17 (ID 140): Towards Early Intervention in Psychosis in Sri Lanka: Stakeholder Perspectives and CFIR Findings from TRANSLATE  Wakishta Arachchi R, Jayasinghe O, Jabir S, De Silva H, Ruben R, Farooq S, Sumathipala A

## Clinical and Biomedical Sector

First place	PP-45 (ID 156): Effect of Ring Structures on Rectum Dose Evaluation in Hypofractionated Prostate Cancer: A CT-Based Planning Study  Bandara NDNC , Ruvinda KKDL, Jeyasugiththan J
Second place	PP-46 (ID 208): Quality Assurance of Elekta Motorized Wedges: Dosimetric Validation Using a 2D Ion Chamber Array  T.N. Kumari, J. Jeyasugiththan, K.V.A. Kumara, K.K.D.L. Ruvinda
Third place	PP-41 (ID 175): Optimizing Antimicrobial Stewardship in Critical Care using Explainable Large Language Models  Kulasekera AL , Benaragama BVDHN

## Oral Health Sector

First place	P-56 (ID 197): Trends in School Oral Health Service Delivery in Kalutara District During and After the COVID-19 Pandemic  Kariyawasam HML, Fernando BGA
Second place	Not qualified
Third place	Not qualified

## Ayurveda sector

First place	PP 61 (ID 216): Immunomodulatory Effects of Swarna Prashana in Children: A Systematic Review of Clinical and Experimental Evidence (2015–2025)  Dissanayake A.L.S.R., Kaushalya H.B.D., Weerakoon W.A.S.S.
Second place	Not qualified
Third place	Not qualified

## Cross cutting sector

First place	Not qualified
Second place	Not qualified
Third place	Not qualified

### Formula and Criteria

- **Total Score** = 75% (scientific rigor of the abstract, assessed by blinded reviewers) + 25% (presentation-focused assessment by reviewers).
- **Eligibility for Award:** An abstract must receive a **total score above 65%**.
- **Award Selection:** The **top three abstracts** with scores **above 65%** was considered for awards.