



KERALA UNIVERSITY OF HEALTH SCIENCES, THRISSUR

ReCaB @ KUHS

A NEWSLETTER FOR RESEARCH CAPACITY BUILDING

Vol. 3. Issue. 1, 2 & 3

January - March 2026

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Editorial: Bridging the "Care Gap"

The "Care Gap" is the difference between the care a person with a health problem should receive, based on clinical best practice, and what they actually receive. It describes a state in which care falls short of evidence-informed practice. The "Care Gap" is common and particularly wide in senior care, especially in the management of chronic, disabling conditions that require long-term care and support. Providing Senior Care in community settings is a complex task that requires collaboration among multiple stakeholders. However, with the increase in the number of people affected by dementia and other neuropsychiatric conditions, supporting home-based senior care demands our collective attention. According to estimates from the first wave of the Longitudinal Ageing Study of India, Kerala ranks among the states with the highest prevalence of dementia among people aged 60 years or older. Therefore, we must also design and deliver scalable dementia care services for older people living with dementia and support families engaged in home-based care. Moreover, conditions such as dementia exemplify the issues related to Home-Based Care (HBC) in general and long-term care in particular. For most people with dementia and other chronic disabling late-life health problems, "home is where the care is". Unfortunately, "Home-Based Care" does not receive the guidance and support it deserves and remains hidden within the conventional health care landscape.

Let us now consider collaborating with Local Self-Government Institutions (LSGIs), such as Grama Panchayats, Block Panchayats, District Panchayats, Municipalities, and Municipal Corporations, to design and deliver evidence-informed interventions to support Home-Based Care (HBC). Medical Colleges, Nursing Colleges, and other Health Sciences Institutions (HSIs) can provide the expertise and guidance needed to support home-based care. Kerala University of Health Sciences will be happy to facilitate collaboration between LSGIs and HSIs affiliated with KUHS. Together, LSGIs and HSIs can explore the feasibility of developing new senior care services. Experts can develop short training programmes to equip and empower the following groups of stakeholders who support Home-Based Care (HBC).

- Family Caregivers & Formal Caregivers employed by families
- Frontline Health and Social Care Workers, such as Accredited Social Care Activists (ASHAs) and Anganwadi Workers
- Nurses and Middle Level Service Providers (MLSP) working in community and primary care settings in the public health care system.
- Primary care Clinicians, nurses, pharmacists, and other health care personnel employed in Primary Care settings
- Clinicians, Nurses and other staff of Vayaomithram Program

Faculty members interested in collaborating with LSGIs in implementing programs to support HBC of community resident older people may contact us by email: srcop@kuhs.ac.in; dean.research@kuhs.ac.in

Dr. Shaji K S, Dean Research & Editor

Workshop titled Statistical Analysis in Clinical Epidemiology: From Inference to Repeated Measures (INFERA 2026)



The School of Public Health organized a two-day hands-on workshop titled “Statistical Analysis in Clinical Epidemiology: From Inference to Repeated Measures” (INFERA 2026) on 7–8 February 2026. The workshop was attended by nearly 40 participants, including medical officers, clinicians, postgraduate and Ph.D. scholars, faculty members, and researchers from various disciplines.

The program focused on practical application of statistical methods using real-world data, complemented by interactive exercises and guided interpretation to support research and academic writing.

One-Day Workshop on Updating and Dissemination of the KUHS Perspective Plan



The School of Public Health (SPH) organized a one-day workshop on “Updating and Dissemination of the KUHS Perspective Plan” on 13 February 2026. The workshop was inaugurated by the Hon’ble Vice Chancellor, KUHS. A special celebrity talk was delivered by Shri T. P. Sreenivasan, Former Diplomat and Former Vice Chairman, Kerala State Council for Higher Education.

The program witnessed the participation of nearly 60 attendees, including selected academic leaders and administrators of KUHS, medical educationists and curriculum experts, members of Boards of Studies and the Academic Council, policy planners and public health experts, representatives from regulatory and accreditation bodies, Perspective Plan Committee members, and Deans of KUHS.

Dr. Thomas Mathew, Professor, School of Public Health (SPH) -KUHS

Report of National Workshop on Applied Regression Techniques in Medical and Public Health Research (REGRESS 2025)

A two-day National Workshop on “Applied Regression Techniques in Medical and Public Health Research (REGRESS 2025)” was organized by the School of Public Health, Kerala University of Health Sciences (KUHS), Thiruvananthapuram from 2025 November 8-9.

The workshop brought together faculty members, clinicians, researchers, and postgraduate scholars from Medicine, Dentistry, Nursing, Pharmacy, and Allied Health Sciences to strengthen their statistical and analytical skills in medical research. The sessions focused on the practical application of Correlation, Linear Regression, Logistic Regression, Multinomial Regression, and Ordinal Regression, with extensive hands-on training using SPSS.



The program was inaugurated by **Dr. C. P. Vijayan, Pro Vice-Chancellor, KUHS** (online), followed by the Keynote Address delivered by **Dr. Gopakumar, Registrar, KUHS**. **Dr. N. Sreekumaran Nair, Senior Professor & Head, Department of Biostatistics, JIPMER**, introduced the program, and **Smt. Jisharaj V. R., Assistant Professor, School of Public Health**, proposed the vote of thanks.

The scientific sessions were led by eminent biostatistics experts, including **Prof. N. Sreekumaran Nair, Dr. K. T. Harichandrakumar, and Dr. G. Prabavathy** from JIPMER Puducherry who guided participants through model building, interpretation, diagnostics, and error analysis. The interactive demonstrations and hands-on components were highly appreciated.

A total of 32 participants attended the workshop, representing medical colleges, nursing colleges, dental colleges, and public health institutions under KUHS. Participants commended the workshop for its structured teaching, practical content, and relevance to academic and research work.

The workshop successfully enhanced participant's skills in statistical modelling and evidence-based research. **Certificates were awarded to all participants during the valedictory function**, marking the successful completion of the program.

**Dr. Thomas Mathew, Professor, School of Public Health
Thiruvananthapuram**



Recent Publications

1. Kuriakose S, Dhanasooraj D, Padinjarayil Manakkattu S, Saphia S, Sona VP, Manjula Anupama A, Ramachandran A, Vijaykumar B, Susan N, Mathath D, Karumathil Puthiyaveetil A, Warriar N, Pichakassery Sankaranarayanan S, Chandrathil Parameswaran Nair V. Molecular subtypes and survival patterns of endometrial cancer in a South Indian cohort. *Int J Gynaecol Obstet*. 2026 Mar 3. doi: [10.1002/ijgo.70837](https://doi.org/10.1002/ijgo.70837). Epub ahead of print. PMID: [41773470](https://pubmed.ncbi.nlm.nih.gov/41773470/).
2. Harbshettar V, Ramachandra P, Tenagi S, Srivastava S, Pn R, Rajkumar RP, Leroi I, K S Shaji, Gupta R. Duration and Quality of Sleep as Risk Factors for Cognitive Impairment: An Umbrella Review of Systematic Reviews. *Int J Geriatr Psychiatry*. 2026 Mar;41(3):e70206. doi: [10.1002/gps.70206](https://doi.org/10.1002/gps.70206). PMID: [41854212](https://pubmed.ncbi.nlm.nih.gov/41854212/)
3. Khadeeja Thanha KP, Ayisha Sana P, Pramod K. Recent advances in graphene-based biosensors for point-of-care diagnostics. *Biomater Adv*. 2026 Mar;180:214541. doi: [10.1016/j.bioadv.2025.214541](https://doi.org/10.1016/j.bioadv.2025.214541). Epub 2025 Oct 9. PMID: [41072172](https://pubmed.ncbi.nlm.nih.gov/41072172/).
4. Alsaati AA, Kaliyadan F, Alsaadoun D, Alzakry LM, Alzabadin RA, Hakami TH, Rubaian NFB. Vitamin D and its Analogs in Treatment of Mild to Moderate Alopecia Areata: Systematic Review and Meta-Analysis. *Indian Dermatol Online J*. 2026 Jan
5. Soman D, P J, Cm M, Radhakrishnan R. LL-37 antimicrobial peptide: Molecular characterisation and its role in oral health and disease-A narrative review. *Arch Oral Biol*. 2026 Mar;183:106516. doi: [10.1016/j.archoralbio.2026.106516](https://doi.org/10.1016/j.archoralbio.2026.106516). Epub 2026 Jan 10. PMID: [41544412](https://pubmed.ncbi.nlm.nih.gov/41544412/).
6. Pattani D, Chandrasekhar D. Development and validation of prescription quality assessment tool in geriatrics. *Geriatr Nurs*. 2026 Jan;67:103703. doi: [10.1016/j.gerinurse.2025.103703](https://doi.org/10.1016/j.gerinurse.2025.103703). Epub 2025 Nov 20. PMID: [41270344](https://pubmed.ncbi.nlm.nih.gov/41270344/).
7. Mehta M, Shah J, Joshi U, Baisil S, Kini B S. Mapping digital health maturity models and accreditation-linked standards: a scoping review to position the National Accreditation Board for Hospitals & Healthcare Providers (NABH) digital health standards of India. *BMC Health Serv Res*. 2026 Mar 11. doi: [10.1186/s12913-026-14301-y](https://doi.org/10.1186/s12913-026-14301-y). Epub ahead of print. PMID: [41814351](https://pubmed.ncbi.nlm.nih.gov/41814351/).
8. Aakash K, Krishnan A. Knowledge, Attitude and Practice of selected Dinacarya practices among BAMS Students in Kerala - A Cross Sectional Study. *J Ayurveda Integr Med*. 2026 Mar 11;17(2):101320. doi: [10.1016/j.jaim.2026.101320](https://doi.org/10.1016/j.jaim.2026.101320). Epub ahead of print. PMID: [41819018](https://pubmed.ncbi.nlm.nih.gov/41819018/); PMCID: [PMC12995569](https://pubmed.ncbi.nlm.nih.gov/PMC12995569/).
9. Sureshkumar P, Kumar SS, Anusree E, Cheriyan J, Masood A. Navigating the discordance: a comprehensive review of HbA1c- glycemia mismatch in clinical practice. *Diabetes Res Clin Pract*. 2026 Mar 17;235:113216. doi: [10.1016/j.diabres.2026.113216](https://doi.org/10.1016/j.diabres.2026.113216). Epub ahead of print. PMID: [41856328](https://pubmed.ncbi.nlm.nih.gov/41856328/).
10. Joshi U, Baisil S, Kini B S, Mehta M, Datta S. AI ethics in Indian healthcare: a scoping review of national and international guidelines on privacy, data protection, and security. *BMC Med Ethics*. 2026 Mar 17. doi: [10.1186/s12910-026-01435-1](https://doi.org/10.1186/s12910-026-01435-1). Epub ahead of print. PMID: [41845374](https://pubmed.ncbi.nlm.nih.gov/41845374/).

News Updates

1. WHO Published: **Strategic objectives for the development and implementation of maternal, newborn and child health quality of care programmes.**
Link: <https://iris.who.int/server/api/core/bitstreams/217b6c16-1a41-4090-840e-3a1999e2e73f/content>
2. WHO Published a Technical Report on **Training in yoga**
Link: <https://iris.who.int/server/api/core/bitstreams/e9e5de3b-d6c5-4226-93a2-b31f6906f67b/content>
3. WHO Published: **Developing national meningitis plans: an operational manual.**
Link: <https://iris.who.int/server/api/core/bitstreams/725946bb-f18f-4b02-82ed-4f1d32d1171c/content>
4. Published WHO guidelines on the management of advanced HIV disease.
Link: <https://iris.who.int/server/api/core/bitstreams/68dfe26f-ad54-4f60-b92f-b943b1a0d82c/content>
5. WHO Published: **Scaling innovations in public health systems- Guidance and toolkit.** Link: https://cdn.who.int/media/docs/default-source/digital-health-documents/scaling-innovations-in-public-health-systems_who-guidance-and-toolkit.pdf?sfvrsn=fa0d725a_3&download=true

