

# **AHS 2025**

## **8th Annual Healthcare Summit**

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6 December 2025, Chennai, India

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# **CONFERENCE PROCEEDINGS**

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**Chennai – 88**

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More information on AHS 2025 is given at:

[www.venusinfo.org/medical/2025-ahs.html](http://www.venusinfo.org/medical/2025-ahs.html)

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## Acknowledgment

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With great pleasure, we welcome you all to the 8th Annual Healthcare Summit – AHS 2025 hosted by the Center for Health and Medical Sciences (CHMS), Venus International Foundation (VIF), Chennai, India on 6 December 2025. This scientific conference is organized with the theme – “To focus on Early Disease Detection, Personalized Treatment and Prevention (Integrating Technology, Patients and Doctors)”

The AHS 2025 conference provides a forum for medical education and health equity to build stronger, healthier communities by supporting and celebrating physicians and clinicians. It promotes the science of medicine and the betterment of public health and generates impactful research on patient care and confronts public health crises, and driving the future of medicine. The conference allows all participants to celebrate accomplishments, extend peer networks, and jointly explore future research directions. Further, the conference offers enlightening keynote lectures by renowned experts, followed by scientific sessions. The conference received an overwhelming response from health care professionals, which is leading to high-quality presentations and discussions. Finally, the conference team wishes every participant to have a productive and enjoyable time at this special conference.

Team, AHS 2025

## Message from General Chair – AHS 2025

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The Annual Healthcare Summit is now a well-established platform for healthcare professionals and the key aim remains the opportunity to share ideas and meet the people to exchange new knowledge and innovation to stimulate fresh insights on different levels.

The Eighth Healthcare Summit – AHS 2025, in particular, was a challenging exercise as the Scientific Conference format allowed us to structure sessions differently, facilitating participation in innovative ways. The scope of papers will ensure an interesting day and the subjects covered illustrate the wide range of topics that fall into this important and ever-growing area of research.

I thank the Organizing Committee, Keynote Speakers, and Reviewers for their enthusiastic support. We would like to thank all the authors for submitting their work to AHS 2025 and for giving us the opportunity to assemble a high-quality program. We are happy to publish the proceedings of AHS 2025. I hope that AHS 2025 will be successful and enjoyable to all participants.

A handwritten signature in green ink that reads "R. Sathish Kumar". The signature is written in a cursive, flowing style.

R.SATHISHKUMAR

General Chair – AHS 2025

## Organizing Committee – AHS 2025

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### **General Chair**

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Ms. S. Mohana Priya, VIF, Chennai

## AHS 2025 Conference Schedule

Programme Venue: Green Park Hotel, Chennai

9:00 am onwards	Registration
<b>INAUGURAL SESSION</b>	
9.30 am	Welcome Address
9.35 am	Lighting of the Lamp
9.40 am	Thamiz Thai Vaazthu
9.45 am	Presidential Address by General Chair
9.50 am	Special Address by Dr. Sasitaran Iyavoo, University of Lincoln, England
Networking and Refreshment Break (10:00 – 10:15 am)	

<b>KEYNOTE / INVITED SESSION</b>	
Venue: Vijaya Hall (10:15 – 11:30 pm)	
Speaker	Title of Talk
Dr. Ravi Kant, All India Institute of Medical Sciences, Rishikesh, India	Real-World Safety and Effectiveness of Pistacia Lentiscus (Mastic Gum) in Patients with Diabetic Gastroparesis: 24-week Interim Analysis Postintervention
Dr. Jagjit Kumar Pandey, All India Institute of Medical Sciences Patna, India	High-Quality Cancer Treatment for Economically Underprivileged Patients in India Through Social Schemes
Dr. Suresh Pillai, National University Hospital, Singapore	Linking Quality Simulation Programs with Educational Theory Principles
Dr. Arutchelvan Rajamanikam, Universiti Malaya, Malaysia	Can a harmless Organism be Turned Harmful?: Role of Gut Microbiota

## AHS 2025 Conference Schedule

<b>SCIENTIFIC SESSION – I</b>	
Venue: Vijaya Hall (11:30 – 12:40 pm)	
Speaker	Title of Talk
Dr. Frankleena Viveka Parage, All India Institute of Medical Sciences Nagpur, India	Minimal Invasive Cardiac Surgery with Routine Standard Instruments
Dr. Sunita Singh, All India Institute of Medical Sciences, Raebareli, India	Outcomes of Antenatally Suspected Structural Congenital Disabilities (ASSCD) Using the MORE (Management, Outcome, Risk and Expectation) Classification: A 10-Year
Dr. Pooja Ojha, All India Institute of Medical Sciences, Jodhpur, India	Differences in Resting-State Electroencephalogram with Dance Training in Healthy Adults
Dr. Sangeeta Gupta, All India Institute of Medical Sciences Gorakhpur, India	Characterizing Electrophysiological Patterns in Carpal Tunnel Syndrome and their Correlation with Clinical Variables
Dr. Ganashree C P, All India Institute of Medical Sciences Patna, India	The Effectiveness of Rajyoga Meditation as an Adjuvant for Panic Anxiety Syndrome
Dr. Nita Mech Basumatary, All India Institute of Medical Sciences, Guwahati, India	An Observational Study on the Demographic Profile of Patients Suffering from Chronic Pulmonary Aspergillosis (CPA) in Northeast India Preliminary Data
Dr. S. Deepa Selvi Rani, CSIR – Centre for Cellular and Molecular Biology (CCMB), Hyderabad, India	Change in Myosin Protein Structure lead to Sudden Cardiac Death
Dr. Sudarsan Mandal, National Centre for Vector Borne Disease Control, MoHFW, New Delhi, India	Healthy Lifestyle and Prevention of NonCommunicable Diseases

## AHS 2025 Conference Schedule

### HEALTHCARE AWARDS CEREMONY SESSION – I

Venue: Vijaya Hall (12:40 – 1:00 pm)

Lunch and Networking Break (1:00 – 2:00 pm)

### SCIENTIFIC SESSION – II

Venue: Vijaya Hall (2:00 – 4:00 pm)

Speaker	Title of Talk
Dr. Manoj Kumar Sahu, KIMS Super Speciality and Cancer Centre, KIMS Hospital, Bhubaneswar, India	Transforming Gastrointestinal and Liver Care in Eastern India
Dr. Mrunal Pimparkar, MGM Medical College, Kamothe, Navi Mumbai, India	Bridging the Gap: Knowledge and Practices on Birth Preparedness and Complication Readiness among Antenatal Mothers in a Tertiary Care Setting
Dr. Abhiraj Ramchandani, Amaltas Institute of Medical Sciences, Dewas, India	Quality Assurance in the Cytopathology Laboratory
Dr. Neena Sanjiv Sawant, Topiwala National Medical College and BYL Nair Charitable Hospital, Mumbai, India	Saksham: A Scalable Vision for Mental Wellness
Dr. Ashiq Nihmathullah M, Dhanalakshmi Srinivasan Medical College and Hospital, Perambalur, India	Fast Tracking Cardio Thoracic Surgical Patients from Operating Room to Home
Dr. George Francis, St. Gregorios Dental College, Kothamangalam, India	Co-Relative Analysis of Central Incisor Form and Nail Form on Indian Population using Digital Method

## AHS 2025 Conference Schedule

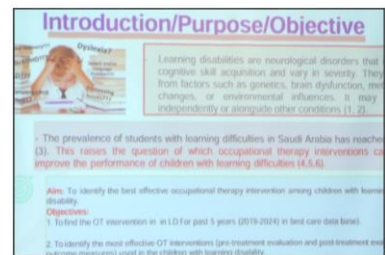
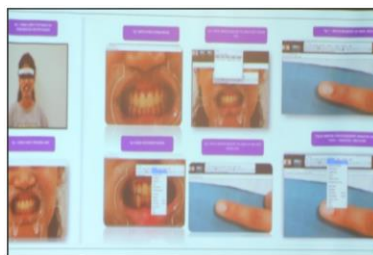
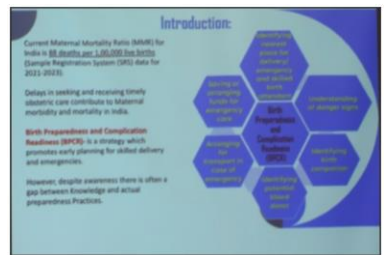
<b>SCIENTIFIC SESSION – II</b>	
Venue: Vijaya Hall (2:00 – 4:00 pm)	
Speaker	Title of Talk
Dr. Serma Subathra A, All India Institute of Medical Sciences, Bibinagar, India	Standalone Complete Decongestive Therapy vs Combined Treatment with Kinesio Taping on Reduction of Post Axillary Dissection Upper Limb Breast Cancer Related Lymphedema: A Randomised Clinical Trial
Dr. Smily Jesu Priya V Paulraj, King Saud bin Abdulaziz University for Health Sciences, Saudi Arabia	The Effectiveness of Occupational Therapy Intervention Among Children With Learning Disability : Retrospective Study
Dr. Karthik Babu S, KMCH College of Physiotherapy, Coimbatore, India	Functional Potential of People with Cervical Spinal Cord Injury
Dr. Rima Nilesh Musale, TMV's Indutai Tilak College of Physiotherapy, Pune, India	Effectiveness of Structured Physiotherapy Protocol on Psychosomatic Impairments in PostSurgical Menopausal Women. (A Randomized Controlled Trial)

<b>HEALTHCARE AWARDS CEREMONY SESSION – II</b>	
Venue: Vijaya Hall (4:00 – 4:30 pm)	
Valedictory, Networking & Refreshment (4:30 – 5:30 pm)	

# Glimpses 1

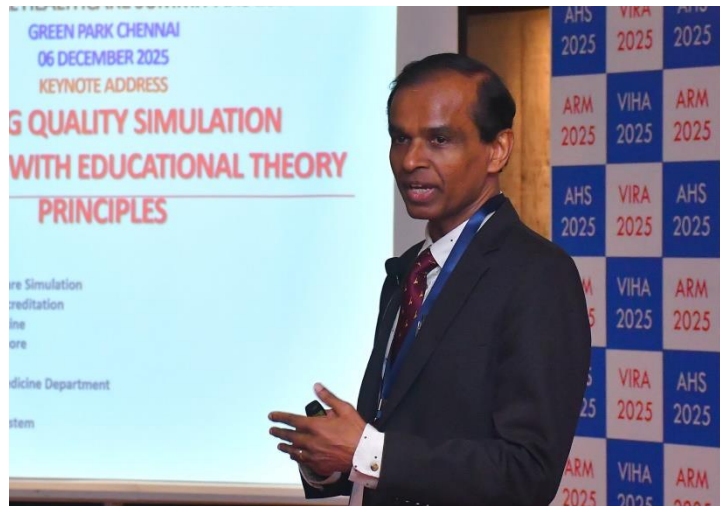


## Glimpses 2



## Keynote Speaker 1

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Dr. Suresh Pillai, National University Hospital, Singapore

**Title: Linking Quality Simulation Programs with Educational Theory Principles**

**Abstract:** Medical Simulation Training

- Use of simulated scenarios to mimic real life conditions, emotions and situations.
- Involves use and interaction with park task trainer, high-fidelity simulator &/or simulated persons
- Provides experiential training ia a safe environment
- Learning reinforced through expert debriefing

## Keynote Speaker 2

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Dr. Ravi Kant, All India Institute of Medical Sciences, Rishikesh, India

**Title: Real-World Safety and Effectiveness of Pistacia Lentiscus (Mastic Gum) in Patients with Diabetic Gastroparesis: 24-week Interim Analysis Postintervention**

**Abstract:** AIM: The aim of this study was to find out the safety, adverse reactions, and long-term effectiveness of Pistacia lentiscus plant extract (mastic gum) in diabetic gastroparesis (DG) with respect to sustainable improvement in gastroparesis symptoms (Gastrointestinal Cardinal Symptom Index [GCSI] score) by observational follow-up study of a single-centric double-blind noninferiority randomized control trial. MATERIALS AND METHODS: Thirty-eight individuals were recruited and equally randomized in two study groups based on GCSI score and TC99 radionuclide gastric emptying scintigraphy (GES), i.e. the mastic gum group and the levosulpiride group. After 24 weeks, the GCSI score was recalculated in both the groups, and patients were evaluated for the safety, adverse reactions, and long-term effectiveness of mastic gum and the standard drug levosulpiride. RESULTS: In the extended study, mean GCSI score changes at 24 weeks were statistically significant ( $P < 0.001$ ) (ttest) between the two groups. In the mastic gum arm, the change in mean GCSI score at 24 weeks was statistically nonsignificant mean  $\pm$  (standard deviation [SD])  $16.7 \pm (3.81)$  compared to the GCSI score at 2-month postintervention mean (SD)  $16.35 \pm (2.27)$  (intragroup  $P = 0.89$ ) (repeated measures ANOVA). It strongly indicates that mastic gum provided a sustainable improvement in DG symptoms in comparison to levosulpiride, with excellent subjective well-being post intervention, without any obvious significant adverse effects. CONCLUSION: Six-month (24-week) interim analysis of patients suggests that mastic gum gives a sustainable improvement in DG symptoms without any obvious adverse effects as compared to levosulpiride..

## Keynote Speaker 3

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Dr. Jagjit Kumar Pandey, All India Institute of Medical Sciences, Patna, India

### **Title: High-Quality Cancer Treatment for Economically Underprivileged Patients in India Through Social Schemes**

**Abstract:** Access to high-quality cancer treatment remains a major challenge for economically underprivileged patients in India. Social and government schemes have played a pivotal role in bridging the gap between affordability and advanced oncological care. These initiatives integrate modern cancer management-including precision surgery, minimally invasive laparoscopic procedures, lung cancer surgery, systemic therapy, radiotherapy, and palliative care-with financial protection programs such as Ayushman Bharat-Pradhan Mantri Jan Arogya Yojana (AB-PMJAY), state health assurance schemes, and hospital-based welfare funds. Through these mechanisms, patients are able to access diagnostics, major surgical procedures, chemotherapy, and advanced interventions like HIPEC/CRS for gynecologic and gastrointestinal malignancies at minimal or no cost. Experience from tertiary care centers across India demonstrates that, with structured implementation, multidisciplinary tumor boards, and patient navigation systems, outcomes comparable to private institutions can be achieved even in resource-limited settings. This model exemplifies how government supported programs can deliver modern, evidence-based and compassionate cancer care-including laparoscopic and thoracic oncology intervention-to marginalized populations, ensuring that financial constraints do not hinder survival or quality of life. Strengthening public health infrastructure, enhancing awareness, and streamlining reimbursement processes remain key to sustaining equitable, high-quality oncology care nation.

## Invited Speaker

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Dr. Arutchelvan Rajamanikam, Universiti Malaya, Malaysia

### **Title: Can a Harmless Organism be Turned Harmful?: Role of Gut Microbiota**

**Abstract:** The human gut harbours a complex microbial ecosystem that profoundly influences health and disease. Among its diverse residents, *Blastocystis* sp. remains one of the most controversial intestinal protozoa—often found in both healthy and symptomatic individuals. Our research explores whether a seemingly harmless *Blastocystis* can become pathogenic through its interaction with the gut microbiota. Using isolates from diverse human populations and clinical cohorts, we observed variations in protease activity, drug resistance, and apoptotic responses, suggesting that the parasite’s behaviour is modulated by its microbial environment. Experimental co-culturing revealed that bacterial communities from symptomatic individuals could induce virulent shifts in *Blastocystis*, supporting the concept that pathogenicity arises from host–microbe–parasite interactions rather than the microbe alone. Understanding this dynamic is critical for healthcare, as it redefines infection beyond the presence of a single pathogen and highlights the gut ecosystem as a therapeutic target. Insights from this study could guide microbiome-based diagnostics and interventions in gastrointestinal and systemic disorders, including irritable bowel syndrome and colorectal cancer.

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