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Telehealth Newsletter

Official Newsletter of Telemedicine Society of India

What is New?

Under the visionary leadership of Dr. Ikramullah, TN TSI organized a landmark one-day seminar on January 10, 2025, at Islamiah Women's College in Vaniyambadi. The seminar, aimed at enlightening 1,150 final-year students from biochemistry, biology, and computer science with AI subjects, introduced them to the transformative potential of telemedicine in healthcare. With a focus on improving healthcare delivery in underserved regions, the event highlighted how telemedicine can revolutionize access to medical services. The seminar featured a distinguished panel of experts from ophthalmology, cardiology, and AI-driven telemedicine, who shared invaluable insights under the theme "The Power of Telemedicine in Health Services." Their thought-provoking presentations left an indelible impact on the students, inspiring them to be part of the healthcare transformation.

The Doctors for Al Group held the Al Global Summit on the Medsynapse platform, further cementing Al's role in the healthcare revolution. The two-day summit, held on December 14 and 15, brought together over 1,000 participants, including 100+ faculty members and 30 international experts. Attendees engaged in 14 plenary sessions and 8 expert roundtable discussions, exploring the cutting-edge advancements in Al's integration with healthcare. As Dr. Harvey Castro, a renowned Al Futurist & Healthcare Innovator, aptly noted, "The Al in Healthcare Global Summit 2024 was a groundbreaking platform, bringing together global leaders to discuss transformative Al solutions. The exchange of innovative ideas and networking opportunities underscored the event's impact on the future of medicine."

In another remarkable achievement, our esteemed EC member from Gujarat, Dr. Raj Rawal, was honored with an award by Gujarat's Health Minister, Shri Rushikesh Patel, for his exceptional work in critical care, digital health, and TelelCU. This recognition highlights his dedication to advancing healthcare through digital innovation, and we congratulate him on this well-deserved accolade.

Dr. Umashankar, our dynamic secretary, has introduced a forward-thinking initiative for 2025: a calendar of events that will keep all members informed and engaged throughout the year. This initiative ensures that all members are reminded of upcoming events, fostering greater collaboration and participation in the group's mission.

These milestones-whether through educational seminars, international summits, or organizational initiatives-showcase our collective commitment to advancing healthcare through technology, innovation, and knowledge sharing.

Thank You Dr. Sunil Shroff Chief Editor | President-Elect, TSI

Revolutionizing Healthcare: Islamiah Women's College Hosts Successful Telemedicine Seminar

Dr. Ikramullah President, Tamil Nadu Chapter, Telemedicine Society of India

In a groundbreaking initiative, Islamiah Women's College, Vaniyambadi, hosted a one-day Telemedicine seminar on January 10, 2025, which witnessed an overwhelming response from 1150 final-year students of biochemistry, biology, and computer science with AI subjects. The seminar aimed to enlighten students about the transformative power of Telemedicine in healthcare services.

The seminar featured an illustrious panel of subject experts in ophthalmology, cardiology, and Telemedicine with AI, who shared their invaluable insights on the topic "The Power of Telemedicine in Health Services." The speakers' presentations were met with a "jaw-dropping response" from both students and senior faculty members, who were captivated by the potential of Telemedicine to revolutionize healthcare.

The seminar's highlight was an interactive panel discussion, anchored by Dr. Masood Ikram, proprietor of Melon AI. The discussion provided a platform for students, teachers, and speakers to engage in a thought-provoking exchange of ideas, exploring the vast possibilities of Telemedicine in improving healthcare outcomes.

The organizers expressed their gratitude to the college committee, participants, and speakers for making the event a resounding success. The speakers were honored with shawls, mementos, and cash renumeration to cover their conveyance expenses – a gesture that reflected the organizers' appreciation for their contributions.

This seminar marked a significant milestone in promoting awareness about Telemedicine among the future generation of healthcare professionals. As the world grapples with the challenges of healthcare accessibility and affordability, initiatives like this seminar demonstrate the potential of Telemedicine to bridge the gap and create a more equitable healthcare ecosystem.













Global Health Rewind 2024: A Year of Surprises & Setbacks



"The greatest wealth is to be healthy."

As the Roman poet Virgil eloquently stated, This timeless wisdom resonates profoundly as we reflect on the global health landscape of 2024. The year 2024 was a year full of challenges and opportunities in the sphere of worldwide public health. As the crisis

unfolded at the beginning of the COVID-19 pandemic was stabilized and, to some extent, even eased, new and chronic threats appeared that required complex and versatile protection of the world's health.

Navigating the Rising Tide of Health Challenges

Resurgence of Infectious Diseases: Last year, we saw a worrisome spike in infectious diseases, more so in communicable ones. Measles incidence increased across many countries because of reduced vaccine coverage linked to misperceptions about vaccines and vaccination. Similar, more preventable diseases were

on the rise, such as pertussis and even polio. Immunization programs remained fragile across the world.

Looming Shadow of Antimicrobial Resistance: Communicable diseases remained highly dangerous, in particular the growth of microbes resistant to antibiotics and antifungal agents. Fewer options for controlling these infections increased the morbidity and mortality rates, leading to the development of more solutions to reduce the increasing trend in this social vice.

Climate Crisis: Another unrelenting force, climate change, remained on the rise, affecting human health in various ways. Many disasters took place, such as high temperatures, which affected the rates of developing heat illnesses, infectious diseases, and respiratory ailments.

Mental Health Crisis Deepens: There was a worsening of the global mental health situation characterized by

a high incidence of anxiety, depression, and other related disorders. This speaks volumes about the need to improve provisions of mental health care, change or eliminate negative attitudes towards mental health care, and improve overall well-being.

Growing Burden of Non-Communicable Diseases: The level of incidence of diseases that are long-lasting and non-communicable, such as cardiovascular diseases, cancer or diabetes, did not reduce but rather increased, especially in LMICs. Such diseases can be attributed to lifestyle factors such as inadequate nutrition, lack of exercise, and tobacco consumption.

Advancements and Opportunities in Healthcare in 2024

Technological Advancements Transforming Healthcare:

Al and machine learning had a significant impact in healthcare throughout the year, including in diagnostics, new drug development, and precision medicine. Digital health was enhanced to progress healthcare delivery, increasing the chances of healthcare services, especially among patients from remote areas with limited access to healthcare facilities.

Renewed Focus on Health Equity: The previous year was marked by a general focus on health inequalities and the need for equitable access to health for every population group irrespective of their status in terms of wealth, color, or where they lived in the world in 2024.

Strengthening Global Health Collaboration: Intergovernmental relations as well as cooperation and collaboration between and among various nations, organizations, and researchers continued to be essential in dealing with current complex issues in global health, including the preparedness for and response to pandemics.

Paving the Way Ahead for 2025

As we move into 2025, several key areas will require continued attention and strategic action:

- Strengthening Primary Healthcare: There is no greater strategy than to develop and improve the quality of primary healthcare systems for the people, especially in certain regions of the world that are most needy.
- **Combating Vaccine Hesitancy:** Overcoming misconceptions, increasing citizens' confidence in vaccines, and increasing the availability of vaccines should be the key priorities for nations to sustain a high percentage of vaccination and prevent the spread of vaccine-preventable diseases.
- Integrating Climate Change Considerations: There is a need for a cross-sectional approach in tackling the heat effects of climate change, which encompasses the reduction of greenhouse gas emissions, climate change adjustment, and enhancing the capacity of the health sector to manage climate-borne health perils.
- Prioritizing Mental Health: Lowering stigmatization of mental disorders as well as offering easy
 access to mental health services and encouraging mental health will be paramount in meeting the
 increasing demands of mental health.
- Addressing the NCD Epidemic: Measures for risk factor reduction, including tobacco use,

encouraging healthy diets and expanding the availability of fresh, affordable fruits and vegetables, need to be put in place.

• Expanding and Refining Telehealth: Like most innovations, more work has to be done to further extend high-quality telehealth services by overcoming the barriers associated with data privacy and availability to all populace.

Within the multifaceted and dynamic space of global health in 2024, we saw an important lesson on the connection between human, animal, and environmental health. As daunting as the year was, there were plenty of examples of people's ability to sustain themselves, innovate, and come together. With some hard work, political will, and effort, the needed shift towards a cure-focused, communicative, and comprehensive prevention of diseases, and investment in public health care infrastructures will be attained to create a better future for generations to come.

Doctors Al Global Summit 2024 Special Edition: Wrap Up of a Landmark Event in the Global Med Al Landscape

On December 14 and 15, 2024, the Doctors AI Virtual Global Summit on AI in Healthcare was successfully conducted on the Medsynapse platform, marking a pivotal moment in the integration of AI into healthcare. This year, we welcomed over 1,000 attendees, including more than 100 esteemed faculty members and 30 international experts, across 14 plenary sessions and 8 expert roundtable discussions.

"The AI in Healthcare Global Summit 2024 was a groundbreaking platform, bringing together global leaders to discuss transformative AI solutions. The exchange of innovative ideas and networking opportunities truly underscored the event's impact on the future of medicine."



Harvey Castro, MD, AI Futurist & Healthcare Innovator

Key Highlights

Inspirational Keynotes: An exceptional lineup of keynote presentations defined the summit. Dr. Banshi Saboo set the stage with "The Transformative Power of AI in Healthcare: Current State and Future Directions." Following this, Dr. Anuj Maheshwari presented "The Future of High Value Patient Care: AI's Role in Shaping Healthcare Delivery." Dr. Anthony Chang provided a critical examination of "Ethical Considerations in AI-Driven Healthcare: Balancing Innovation with Responsibility". Dr. William Brinson Weeks offered insights into "AI for Good: Responsible Explainable AI towards Equitable Health for AII." Dr. Peter Schwarz discussed innovative approaches in "Effective Diabetes Care in the Pocket of Every Individual Using Artificial Intelligence." Dr. Shasank Joshi's address, "AI in Healthcare for India: Where Do We Stand?" resonated deeply, inspiring attendees to envision the transformative potential of AI in regional and global healthcare contexts. Dr. Piyush

Mathur discussed "Evaluation and Validation of Large Language Models (LLMs) for Use in Healthcare." Finally, Dr. Robert Hoyt concluded the keynotes with "Harnessing AI for Data Science and Medical Research."

Engaging Panels and Plenary Sessions: With topics ranging from AI ethics to the integration of AI into precision medicine, these discussions promoted rich interdisciplinary collaboration and set the stage for actionable solutions to some of healthcare's most pressing challenges.

Oral Presentation Competition: The Oral Presentation Competition was a highlight of the summit, judged by an esteemed panel consisting of Dr. Shambo S. Samajdar, Dr. Alok Modi, Dr. Atul Tiwari, Dr. Shelly Sharma,

and Maj (Dr.) Ashlesha Tawde Kelkar. Congratulations to Dr. Prahlada H N, who clinched the first prize with their innovative Al-based model predicting outcomes of Cochlear Implantation.

A Reflection on the AI in Healthcare Global Summit

The AI in Healthcare Global Summit, organized by Doctor's AI, was a groundbreaking event that showcased innovative ideas, cutting-edge advancements, and pioneering research shaping the future of healthcare. As both an attendee and participant, I am honored to share my experiences from this transformative gathering, where I earned first place in the oral research presentations.

From the outset, the summit radiated excellence, uniting visionary leaders, researchers, and professionals committed to integrating AI into healthcare. Led by founding members—Dr. Amit Kumar Dey, Dr. Avneesh Khare, Dr. Alok Modi, and Dr. Bharat Saboo- the event provided an exceptional platform for collaboration and learning, reflecting their vision and dedication to innovation.

Program Highlights

The summit's diverse topics covered critical areas like AI in public health, medical subspecialties, and drug discovery. Among the standout sessions:

Drug Discovery and Development with AI: This session, in collaboration with the Indian Pharmacological Society, explored the transformative role of AI in pharmaceuticals. Esteemed speakers like Dr. Prafull Mohan, Santosh Dixit, and David A. Hall highlighted how AI is streamlining drug discovery, optimizing clinical trials, and enabling personalized medicine.

Oral Research

Presentation Awards: A summit highlight, these presentations celebrated innovation and research. I was thrilled to win first prize for my work on AI models predicting cochlear implantation outcomes in inner anomalies. The competition, expertly coordinated by Dr. Atul Tiwari and Dr. Alok Modi, was enriching for all participants.

DAI and the Future of Healthcare: The closing session, featuring speakers like Benny Esparra and Dr. Om J. Lakhani, highlighted the vast potential of AI in healthcare systems, laboratory medicine, and physician entrepreneurship.

The Human Element

What set this summit apart was its focus on the human mission behind AI in healthcare. From Dr. Robert Hoyt's insights on AI in research to Dr. Dipu Patel's reflections on Doctor's AI's journey, the summit emphasized that AI is not just about technology—it's about saving lives, improving care, and ensuring equitable access to healthcare.

Gratitude and Vision

I extend my gratitude to rapporteurs like Shambo Samrat Samajdar, Major Dr. Ashlesha Tawde Kelkar for skillful moderation, and Anirudh Gangadharan for amplifying the event's impact.

Congratulations to the founding members of Doctor's AI for creating such a powerful platform. This summit has left me inspired to further the field, ensuring AI transforms lives and bridges global healthcare gaps.

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Congratulations to the founding members of Doctor's AI for creating such a powerful platform. This summit has left me inspired to further the field, ensuring AI transforms lives and bridges global healthcare gaps.

- Dr. Prahlada N.B.

MBBS (JJMMC), MS (PGIMER, Chandigarh), MBA in Hospital & Healthcare Management (BITS, Pilani), Postgraduate Certificate in Technology Leadership and Innovation (MIT, USA), Executive Programme in Strategic Management (IIM, Lucknow), Senior Management Programme in Healthcare Management (IIM, Kozhikode), Advanced Certificate in Al for Digital Health and Imaging Program (IISc, Bengaluru).

Senior Professor, and former Head, Department of ENT-Head & Neck Surgery, Skull Base Surgery, Cochlear Implant Surgery. Basaveshwara Medical College & Hospital, Chitradurga, Karnataka, India. Hon. Secretary, IMA, Chitradurga.



"A transformative experience that illuminated the profound potential of AI in modern medicine." - **Muba Sherin, 4th year Medical Student**

Acknowledgment

On behalf of Dr. S. V. Kulkarni (Patron), Dr. Amit Kumar Dey (Founder Chair), Dr. Avneesh Khare (Founder Member), Dr. Alok Modi (Founder Member), and Dr. Bharat Saboo (Founder Member), we extend our profound gratitude to the distinguished speakers, panelists, moderators, sponsors, participants, organizing and scientific committee members, and other invaluable contributors whose collective efforts shaped this summit into a landmark event.

We extend our sincere appreciation to our team of rapporteurs, including Dr. Shelly Sharma, Dr. Rahul Mohpari, Dr. Shambho Samrat Samajdar, Dr. Sanjay Bala, Dr. Ashmita Mazumdar, Dr. Aishwarya Sharma, Dr. Karan Chawla, Siddharth Narayan, Amey Olwallwar, Aman Kumar, Tanu Motwani and Anirudh Gangadharan.

Our heartfelt thanks go to all our collaborators, whose steadfast support was integral to the summit's success. Read More

::AWARDS::

Dr. Raj Rawal has received award from Gujarat Health Minister Shri Rushikesh Patel, in presence of Gujarat Chief Minister Shri Bhupendrabhai Patel and IMA President elect Shri Dr. Anilbhai Naik in recognition for excellent work in CRITICAL CARE, DIGITAL HEALTH and TELEICU.



::ANNOUNCEMENTS::



Telemedicine Society of India HQ,
Registered under the Societies Registration Act, 1860.
Regd. Office: Room No.303. 2nd Floor, School of Telemedicine & Biomedical Indimatics (STBMI) SGPGIMS,
Raebareli Road, Lucknow. Ultar Pradesh-228014. India.

TSI Calendar of Events Year 2025

Month	Week	Activity	
January	Week 1	AGM MoM Circulation	
	Week 2	TSI Membership Drive	
	Week 3	ROS Submission	
	Week 4	Webinar, TSI EC Meeting	
February	Week 1	Research Grant Disbursement	
	Week 2	Academic and Training Committee Meeting	
	Week 3	State Chapter-TSI EC Meeting	
	Week 4	Revision Exercise Committee Formation and Meetin	
March	Week 1	Industry Engagement and Policy Advocacy Meeting	
	Week 2	Industry Round table	
	Week 3	Finance Committee Meeting and Accounting workshop	
	Week 4	Year End Account Closing and Revisioning	
April	Week 1	Policy, Procedures, and Process Committee Meeting	
	Week 2	State Chapters to Submit Bank Statements for audit	
	Week 3	Webinar	
	Week 4	Government Engagement and Accreditations Meeting	
May	Week 1	Communications (Media, Website, and Newsletter) Meeting	
	Week 2	Research Project / Programs Committee Meeting	
	Week 3	Industry Round Table	
	Week 4	TSI EC Meeting	
June	Week 1	TSI IT returns	
	Week 2	Mid-Term EC Meeting	
	Week 3	Industry Round Table	
	Week 4	Mid-Term Conference / CME	
July	Week 1	Research Grant Notification for 2025	
	Week 2	Webinar	

	Week 3	
	Week 4	State Chapter Elections
August	Week 1	Election Notification
	Week 2	
	Week 3	
	Week 4	Hackathon
September	Week 1	Webinar
	Week 2	
	Week 3	State Chapter-TSI EC Meeting
	Week 4	Notice for State Chapter Annual Report
October	Week 1	Webinar
	Week 2	Notice for AGM 2025 and Request for Agenda
	Week 3	State Chapter Annual Report Submission
	Week 4	Research Grant Disbursement for Year 2025
November	Week 1	Applications Receiving for Telemedicon 2026&2027
	Week 2	Royalty Amount to be paid to State Chapters
	Week 3	Industry Round Table
	Week 4	Telemedicon 2025- AGM 2025
December	Week 1	New EC
	Week 2	
	Week 3	
	Week 4	

Note: Regular Activities

- EC meetings shall be held on last Thursday of Every month 8 PM
- Newsletter Release and Regular updates on industry trends and society activities last week of every month

Sd/-

Honorary Secretary



Join the Telemedicine Society of India Today!

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on all membership types



WHY BECOME A MEMBER?



NETWORKING OPPORTUNITIES

Connect with industry leaders, innovators, and like-minded professionals



PROFESSIONAL DEVELOPMENT

Participate in workshops, conferences, and certifications



INFLUENCE THE FUTURE

Contribute to shaping policies and advancing telemedicine in India



LEADERSHIP OPPORTUNITIES

Empower yourself with leadership opportunities to shape the future of telemedicine

MEMBERSHIP BENEFITS

- Be part of a vibrant community driving innovation. in healthcare.
- Stay updated with the latest trends, technologies, and guidelines in telemedicine.
- Access to a global network of professionals in digital health and many more

WHO CAN JOIN?

- Healthcare providers
- IT professionals in healthcare

- Policymakers and entrepreneurs
 Business owners in telemedicine and digital health
 Students in healthcare and IT

Act Now! Limited Period Offer Join hands with us to transform healthcare delivery





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TSI MEMBERSHIP TYPES

Member



Individual a) Life Member: A person shall be qualified to be admitted as Life member of the Society if he has obtained a professional Degree / Diploma in any branch of Medicine, Paramedical field, Engineering Material Science, Life Science, and Humanities recognized by appropriate licensing bodies.

b) Associate Member: Equal to an individual Member not having a degree qualification

Paramedic Member



Any person who is a nurse / pharmacist / Technician / Dietician / Health educator or any other education, entitling the person to support/promote health care

Student Member

student and who has shown interest in telemedicine may apply for student membership



Note: A bonafide student certificate issued by Head of the Department (HOD)/ Principal/ Registrary

Corporate Member



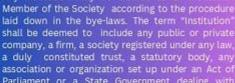
Any company (Private Ltd, LLP, Public Ltd, Multi-National Company with its offices in India) can according to the procedure laid down in the byelaws of TSI

Start up Corporate Member



Any Pvt. Ltd Company or a LLP incorporated in India, aged not more than 3 years, at the time of application, can register as a Start-up member of the Society and the same will be valid for 2 years or until the organization completes 5 years

Institutional Any institution may be elected as an Institution



laid down in the bye-laws. The term "Institution" shall be deemed to include any public or private company, a firm, a society registered under any law, a duly constituted trust, a statutory body, any association or organization set up under an Act of Parliament or a State Government dealing with Medicine, Engineering & any other allied discipline

Overseas Member



Shall consist of individuals from countries outside India who meet all the same qualifications as Life members. They are not eligible for election as officers, shall not have attendance requirements, and will be

Non-SAARC

Overseas Institutional Member



Similar to Institution Membership, located outside India.

SAARC

Non-SAARC

Membership Type	Membership Fee	Discounted Fee
Life Member	Rs.6000	Rs.5400
Paramedic Member	Rs,2200	Rs.1980
Student Member	Rs.1500	Rs.1350
Corporate Member	Rs.1 Lakh	Rs.90000
Start-up Corporate Member	Rs.50000	Rs.45000
Institutional Member	Rs.25000	Rs.22500
Overseas Member (Non-SAARC)	USD 200 *5\$ extra if transferred through Bank	USD 180
Overseas Member (SAARC)	USD 125 *5\$ extraif transferred through Bank	USD 112

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Telemedicine Practice Guidelines - A Foundation Course for RMPs by TSI Faculty



To know more about the Telemedicine Foundation Course click on the link below: https://tsitn.org/tpg-course/

TN - TSI invites all the TSI Chapters and Members to submit information on their upcoming Webinar or Events (50 words), News related to Telemedicine (200 words) or short articles (500 words) for the monthly e-newsletter. Guidelines for submission to TN TSI Newsletter-

- 1. Report can be from 500 to 600 words
- 2. Report should be relevant to Telemedicine or Medical Informatics
- 3. No promotion of self or any product
- 4. Avoid plagiarism
- 5. All references should be included
- 6. Provide any attributions
- 7. Visuals are welcome including video links
- 8. Send full authors name, degrees, and affiliations along with a passport sized photograph of good resolution. If multiple authors, only main author photo to be sent.

Submission may be sent to - <u>tsigrouptn@gmail.com</u>
Editors reserve the rights for accepting and publishing any submitted material.

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Editors - Dr. Senthil Tamilarasan & Dr. Sheila John

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