



# TELEMEDICON 2024 - Chandigarh



20th International Conference of TSI

Theme: Virtual Healthcare and Role of AI  
28th - 30th November 2024

## CONFERENCE PROGRAM: HALL A Venue: Bhargava Auditorium, PGIMER Chandigarh

DAY 1 - 28TH NOVEMBER 2024					
TIME	SESSION	PROGRAM	TOPIC	SPEAKERS	CHAIR
8.30-9.30 AM	Registrations				
9.30-11 AM	Session 1	AI in Healthcare	Intelligent Medicine: How AI is Shaping the Future of Healthcare (20 min)	Dr. Sunil Shroff	Dr. Biman Saikia Dr. B S Ratta Dr. Amit Arora
			Steps involved in Design & Development including Ethical Issues in AI (20 min)	Dr. Alok Modi	
			Integrating AI in Ophthalmology (20 min)	Dr. Kim R.	
			Practical Demonstrations and Audience Interaction (30 min)	Dr. Alok Modi Dr. Sunil Shroff	
11-11.30 AM	Tea/Coffee Break and Networking				
11.30 AM-12 Noon	Session 2	<b>Plenary Session: Trajectory of Telemedicine</b>	Evolution of Telemedicine (International) and India	Dr. Meenu Singh	Dr. K K Talwar Dr. A Sangal Dr. S K Jindal Dr. Prem Nair
12 Noon-12.45 PM	Session 3	Telemedicine over the Decades	Growth of Tele-Health in Ayush over the last 20 years (20 min)	Dr. Madhusudan	Dr. Kevin Devasia Dr. Rajeev Kumar Bijoy M G.
			Telemedicine during Covid and Post Covid and Way Forward (25 min)	Dr. Rajendra Gupta	
12.45-1.30 PM	Session 4	Telemedicine in Health Promotion, Prevention and Lifestyle Management	Importance of Digital Health in Lifestyle Diseases (15 min)	Dr. Shefali	Dr. Shriram V Kulkarni Dr. Nusrat Shafiq Dr. Ambuj Roy
			Continuity of Care through Digital Health - Cancer Patient (15 min)	Dr. Aanchal	
			Impact of Smart Wearables/Digital Apps on Lifestyle Disorders (15 min)	Dr. Anjali Nakra	
1.30-2.15 PM	Lunch Break				
2.15-2.35 PM	Session 5	Telemedicine Practices in Rural India and Showcasing Best Practices	Augmenting Telemedicine Practices in Real Rural India: Tips, Tricks and AI Aided Future	Dr. Shriram V Kulkarni	Dr. B S Ratta Dr. Uma Nahar Saikia Dr. Ashlesha Kelkar Tawade Dr. Pinky Jewel, IAS
2.35-2.45 PM			Experience with Tele-Health in Kumbh Mela and the Way Forward	Dr. Krishna Kumar	



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TIME	SESSION	PROGRAM	TOPIC	SPEAKERS	CHAIR
2.45-3.45 PM	Session 6	Tele-Ophthalmology Society of India (TOSI)	Tele-Ophthalmology Business Models (15 min)	Dr. T Senthil	Dr. Kim R. Dr. B N R Subudhi <b>Moderator:</b> Dr. T Senthil <b>Convenor:</b> Dr. Abhishek Sachdeva
			Tele-Care for Early Detection of DR and Glaucoma (15 min)	Dr. B N R Subudhi	
			Why Tele-Ophthalmology in Early Practice (10 min)	Dr. Abhishek Sachdeva	
			Diabetic Retinopathy Screening using MII Ret Cam Assisted Smartphone-based Fundus Imaging (10 min)	Dr. Rajvinder Kaur	
			Glaucoma: Strengthening the Fight for Vision with Telemedicine (10 min)	Dr. Gurvinder Kaur	
3.45-4 PM	<b>Tea/Coffee Break and Networking</b>				
4-4.45 PM	Session 7	Telemedicine for Elder Care	Caretaker Perspective in Geriatrics (15 min)	Dr. Rajeev Agarwal	Dr. Krishna Kumar Dr. D Satheesh Kumar <b>Moderator:</b> Dr. Thanga Prabhu
			Geriatrics in India, an Overview (15 min)	Dr. Ashish Goel	
			Monitored ElderCare to keep elders healthy and away from hospital (15 min)	Dr. Thanga Prabhu	
4.45-5.25 PM	<b>Award Papers (5+2 min)</b>				<b>SPEAKERS</b>
4.45-4.52 PM	Session 8		Revolutionizing Home Healthcare: Smartphone-Based Video-Electroencephalography for Neurological Disorders		A Kumar
4.53-5 PM			Advancing Tele-Pathology: Experience from a Tertiary Care Centre of Excellence		Dr. Brijdeep Singh
5.01-5.08 PM			Overcoming Barriers in Digital Health Care: A Case Study on Promoting Telemedicine Awareness and Adoption in rural Karnataka through e-Sanjeevani		Sai Sidhant Mishra
5.09-5.16 PM			Bridging Gaps in Pediatric Dermatology via Telemedicine: A Prospective Cross-sectional Study on 961 Children from Resource-Limited Areas of North India using e-Sanjeevani 2.0 Platform		Dr. Kanya Rani Vashisht
5.17-5.24 PM			Impact of Medical Imaging in Tele-Health		Tushar A Fegade
5.30-6.15 PM	<b>Inauguration Ceremony</b>				
6.15-7 PM	<b>Cultural Program</b>				
7 PM onwards	<b>Supper</b>				

### DAY 2 - 29TH NOVEMBER 2024

TIME	SESSION	PROGRAM	TOPIC	SPEAKERS	CHAIR
9-10.30 AM	Session 9	<b>Workshop: Setting up a Virtual Practice</b>	Introduction to Digital Therapeutics and Clinical Applications (20 min)	Dr. Neelesh Bhandari Dr. Ajay Alexander	<b>Moderator:</b> Dr. Sunil Shroff
			Tele-Consultations: Imbibing the Right Skills (20 min)		
			Tele-Mentoring Patient to Elicit Symptoms and Signs (15 min)		
			Remote Monitoring and Personalized Care Using Digital Therapeutics (15 min)		
			Legal, Ethical, and Regulatory Considerations (20 min)		
10.30-11 AM	<b>Tea/Coffee Break and Networking</b>				
11 AM-12 Noon	Session 10	<b>Ethical, Legal, Social and Regulatory Issues</b>	Use of Personal Data in Healthcare Industry (20 min)	Srinivasalu Thayam	Dr. Mahesh Devnani Dr. Raj Rawal Dr. Murthy Remilla <b>Moderator:</b> Dr. Uma Nambiar
			Are the TPG enough to protect all stakeholders in the Ecosystem? (20 min)	Dr. Ashvini Goel	
			Data Privacy, Ethics in Healthcare (20 min)	Bagmisikha Puhan	
12 Noon-12.30 PM	Session 11	<b>Presidential Oration</b>		Dr. Kim R.	Dr. Meenu Singh Dr. Prem Nair
12.30-1.15 PM	Session 12	<b>Tele-Education &amp; AR/VR for Health Education</b>	Overview on Digital Health Education (10 min)	Mevish P Vaishnav	Dr. Surya Bali Dr. Anish Bhattacharya Dr. Tanvir Samra
			i-Human (10 min)	Dr. Thanga Prabhu	
			AR/VR in Health Education (10 min)	Dr. Neeraj	
			Digital Technology in Medical Education (15 min)	Sathyakumar	
1.15-2 PM	Session 13	<b>Plenary Session: Space Medicine</b>	Space Medicine - From Theory to Practice	D K Singh Jayakumar Venkateshan Dr. Murthy Remilla	Dr. Arvind Tyagi Dr. Pawan Gupta Dr. Shalmoli Bhattacharya
2-2.45 PM	<b>Lunch Break and Poster Walk</b>				
2.45-3 PM	Session 14	Nuances of Telemedicine in Rural India		Indiritta Singh D'Mello	Dr. Sachin Verma Dr. Rajat Sandhir Dr. Raghawan
3-3.15 PM		Tele-Palliative Care for Cancer Patients: Our Experience in Odisha		Dr. Biswa Narayan Mohanty	
3.15-3.35 PM		Rural Villages - Tobacco Users Healthcare Initiative		Dr. Pawan Gupta	



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3.35-3.55 PM	Session 15	AI in Healthcare - Showcasing Key Application	Doctors as Co-Creators: Building AI Solutions Together for Healthcare (10 min)	Dr. Akhila Kosuru	Dr. Biswa Narayan Mohanty
			AI in Oral Health - A Demo (10 min)	Chandramouli Samatham	Dr. G Kulanthaivel Dr. Sudheer Agarwal
3.55-4.45 PM	Session 16	Panel Discussion	AI for Diabetic Retinopathy and Endocrinology	Dr. Mona Duggal	<b>Panelists:</b> Dr. Sanjay K Bhadada Dr. S S Pandav Dr. Vishali Gupta Dr. Liza Das Dr. Kim R. <b>Moderator:</b> Dr. Atul Arora
4.45-5 PM	<b>Tea/Coffee Break and Networking</b>				
5-6 PM	Session 17	Information Age Technologies and Tools for Surgeons	Introduction to Emerging Digital Technologies in Surgical Practice (15 min)	Dr. S K Mishra	<b>Panelists:</b> Dr. Ashish Sharma Dr. Ravi Mohan Dr. Sunil Shroff <b>Moderator:</b> Dr. S K Mishra <b>Co-moderator:</b> Dr. Manish Singh
			Computer Visualization and Artificial Intelligence in Surgery - Case Study with Robotic Urological Surgery (15 min)	Dr. Ravi Mohan	
			Information Age Technology and Tools for Surgical Education and Training (15 min)	Dr. Anjali Mishra	
			Discussion (15 min)		
6-6.45 PM	Session 18	Telemedicine - the Building Blocks of Digital Health Ecosystem	Leveraging Telemedicine for improving quality of Healthcare (15 min)	Dr. Uma Nambiar	Dr. P K Pradhan Ashwin Desai Er. Farooq Ahmad Wani
			AMR - Can Telemedicine help fight the growing epidemic (15 min)	Dr. Ayushi	
			Voice of an Entrepreneur - Empowerment through Telemedicine (15 min)	Indiritta Singh D'Mello	
6.45-6.55 PM		Showcasing Industry Product: Connecting the Dots in Critical Care to Telehealth		GE Healthcare	
7-8 PM	<b>TSI General Body Meeting</b>				
8 PM onwards	<b>Drinks and Gala Dinner at PGI Club</b>				

### DAY 3 - 30TH NOVEMBER 2024

TIME	SESSION	PROGRAM	TOPIC	SPEAKERS	CHAIR
9-9.45 AM	Session 19	<b>Plenary Session</b>	Technology as a Disruptor in Critical Care	Dr. Mandar Vaidya	<b>Moderator:</b> Dr. Sandesh Kumar
9.45-11 AM		<b>Workshop: Tele-ICU</b>	Innovative Tele-ICU: Designing Seamless Systems, Integrating Advanced Devices and Optimizing Clinical Work Flows	Dr. Raj Rawal Dr. Sandesh Kumar Dr. K Hima Bindu	
<b>11-11.20 AM</b>	<b>Tea/Coffee Break and Networking</b>				
11.20-11.30 AM	Session 20	<b>AI Literacy for Clinicians</b>	The Changing Landscape of Digital Diabetology: From Tele-Health to AI	Dr. Amit Dey	Dr. Arun Aggarwal Dr. S K Jindal Dr. Keerti Pradhan Prasad
11.30-11.40 AM		<b>AI for Public Health</b>	AI Overview in Public Health - Success and Challenges	Dr. Jaideep J Rayapudi	
11.40-11.50 AM			Application of AI in Prevention of Health Emergencies in Mass Gathering , Sports Events and Rural Public Health	Dr. Umashankar S.	
11.50 AM-12.05 PM			Using AI to Compliment/Supplement Telemedicine in Public Health/Rural Health	Dr. Jawahar J Shah	
12.05-12.15 PM			Leveraging Machine Learning for Enhanced Population Health Monitoring in LMICs	Dr. Tathagata Battacharjee	
12.15-12.30 PM	Session 21	<b>Building, Inclusive Responsible AI for Mental Health: Global Insights &amp; Local Impact</b>	The Role of AI in Mental Health for India	Dr. Smriti Joshi	Dr. Prem Nair Dr. Selvakumar Dr. Rita Dadwal
12.30-12.45 PM			Global Learnings: Real-World Use Cases of AI in Mental Health	Pranav Gupta	
12.45-1 PM			Case Study: Using AI for Public Health – Vaccine Hesitancy and Mental Health	Shakeel	
1-1.15 PM			Leveraging Insights for Inclusive AI for Mental Healthcare in India	Dr. Vibhu Agarwal	
<b>1.15-2.10 PM</b>	<b>Award Papers (5+2 min)</b>				<b>SPEAKERS</b>
1.15-1.22 PM	Session 22	Enhancing Patient Safety & Nursing Efficiency: Evaluation of Apollo's Enhanced Connected Care Program		Dr. K Hima Bindu	
1.23-1.30 PM		Validating Earthshot: An Artificial Intelligence Driven Point of Care Solution for Guideline Adherent Treatment Planning in a Decentralized Cancer Care		Rhea Mehta	
1.31-1.38 PM		Virtual Care, Real Impact: Transforming Obstetrics and Gynecology Through Telemedicine - An Experience at a Tertiary Care Centre		Dr. Aruna Singh	
1.39-1.46 PM		AIIMS Rishikesh Digital Academy: Pioneering the Future of Healthcare Education using Digital Media and AI		Dr. Vivek Singh Malik	
1.47-1.53 PM		Improving Thyroid Nodule Evaluation using Deep Learning and Ultrasound Imaging		Dr. Jatinder Kumar	
1.54-2 PM		Integrated Kidney Disease database: Towards collecting Data in Resource Limited Settings		Komal Sharma	
2.01-2.07 PM		Navigating Tele-Dermatology through e-Sanjeevani Platform		Dr. Priyadarshini Sahu	



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2.10-2.45 PM	<b>Lunch Break</b>				
2.45-4 PM	Session 23	Digital Health - Ayushman Bharat	e-Sanjeevani: National Telemedicine Platform (15 min)	Dr. Sanjay Sood	Dr. Rajesh Kaushik Dr. Amit Agarwal Dr. Rajendra Gupta
			Interoperability - ABDM (15 min)	Gaur Sundar	
			NHA, ABDM - NRCES - Compliance and Digital Locker (15 min)	Vikram Pagaria	
			National Health Stack and India Health Stack (15 min)	Rhea Singh	
			Developing Technical Standard for Tele-X in India (15 min)	Tushar Fegade	
4-4.30 PM	Session 24	Tele-Health: Showcasing Best Practices	ST Elevated Myocardial Infarction: STEMI (15 min)	Dr. Gurpreet S Wander	Dr. Selvakumar Dr. Raja Ramachandran Dr. Sanjay Sood
			Invited Talk - Redesigning Healthcare Delivery: Digital First and Tech Enabled (13+2 min)	Dr. Siddiq Anwar	
4.30-5 PM	<b>Valedictory Function</b>				