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**	**PROGRAMME**	**TOPIC**	**SPEAKERS**	**CHAIR**
8.30–9.30 AM	Registrations				
9.30–11 AM	Session 1	AI in Healthcare	AI in Healthcare - Introductory Remarks (10 min)	Dr. Sunil Shroff	Dr. Raj Rawal Dr. B S Ratta Dr. Amit Arora
			Steps involved in Design & Development including Ethical Issues in AI (15 min)	Dr. Alok Modi	
			How to use AI for Creating Content (15 min)	Dr. Parivelu	
			What are Prompts and how to Frame them (15 min)	Dr. Vibhu Agarwal	
			Practical Demonstrations and Audience Interaction (30 min)	Dr. Alok Modi	
11–11.30 AM	Tea/Coffee Break and Networking				
11.30 AM–12 Noon	Session 2	**Plenary Session: Trajectory of Telemedicine**	Evolution of Telemedicine (International) and India (30 min)	Dr. Meenu Singh	Dr. K K Talwar Dr. A Sangal Dr. S K Jindal
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. Maddhusudan	Dr. Kevin Devasia Dr. Ashwin Desai Dr. Sudarshan
			Telemedicine during Covid and Post Covid, and Way Forward (20 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. Shivaram K Kulkarni Dr. Nusrat Shafiq Dr. Rajeev Kumar
			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	**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 Dr. G Kulanthaivel Dr. Sudheer Agarwal
			AI in Oral Health - A Demo (10 min)	Chandramouli Samatham	

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TIME	SESSION	PROGRAMME	TOPIC	SPEAKERS	CHAIR
2.35–3.35 PM	Session 6	Tele-Ophthalmology Society of India (TOSI)	Tele-Ophthalmology Business Models (10 min)	Dr. Senthil Tamilarasan	Dr. Kim R. Dr. B N R Subudhi **Moderator:** Dr. Senthil **Convenor:** Dr. Abhishek Sachdeva
			Tele-Care for Early Detection of DR and Glaucoma (10 min)	Dr. BNR 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. Gurwinder Kaur	
3.35–3.45 PM	Session 7	Tele-Health: Showcasing Best Practices	Experience with Tele-Health in Kumbh Mela and the Way Forward (15 min)	Dr. Krishna Kumar	
3.45–4 PM	**Tea/Coffee Break and Networking**				
4–4.45 PM	Session 8	Telemedicine for Elder Care	Caretaker Perspective in Geriatrics (15 min)	Rajeev Agarwal	Dr. Biman Saikia Dr. Krishna Kumar Dr. D Satheesh Kumar **Moderator:** Dr. Thanga Prabhu
			Geriatrics in India, an Overview (15 min)	Dr. Ashish Goel	
			Monitored ElderCare to keep elders healthy and away from hospital (10 min)	Dr. Thanga Prabhu	
4.45–5.20 PM	**Award Papers (5+2 min)**				
4.45–4.52 PM	Session 9		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-sanjeevan	Dr. 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	**Inauguration Ceremony**				
6.30–7.30 PM	**Cultural Program**				
8 PM onwards	**Conference Dinner**				

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DAY 2 – 29TH NOVEMBER 2024

TIME	SESSION	PROGRAMME	TOPIC	SPEAKERS	CHAIR
9-10.30 AM	Session 10	Setting up a Virtual Practice - Workshop	Introduction to Digital Therapeutics and Clinical Applications	Dr. Sunil Shroff Dr. Neelesh Bhandari Dr. Ajay Alexander	
			Tele-Consultations: Imbibing the Right Skills		
			Tele-Mentoring Patient to Elicit Symptoms and Signs		
			Remote Monitoring and Personalized Care Using Digital Therapeutics		
			Legal, Ethical, and Regulatory Considerations		
10.30-11 AM	Tea/Coffee Break and Networking				
11 AM-12 Noon	Session 11	Ethical, Legal, Social and Regulatory Issues	Use of Personal Data in Healthcare Industry (10 min)	Srinivasalu Thayam	Dr. Mahesh Devnani Dr. Raj Rawal Dr. Murthy Remilla **Moderator:** Dr. Uma Nambiar
			Are the TPG enough to protect all stakeholders in the Ecosystem? (10 min)	Dr. Ashwini Goel	
			Data Privacy, Ethics in Healthcare (10 min)	Bagmisikha Puhan	
12 Noon-12.30 PM	Session 12	Presidential Oration		Dr. Kim R.	Dr. Meenu Singh Dr. Prem Nair
12.30-1.15 PM	Session 13	Tele-Education & AR/VR for Health Education	Overview on Digital Health Education (10 min)	Mevish P Vaishnav	Dr. Surya Bali Dr. Nusrat Shafiq Dr. Ambuj Roy
			i-Human (10 min)	Dr. Thanga Prabhu	
			AR/VR in Health Education (10 min)	Dr. Neeraj	
			Digital Technology in Medical Education (10 min)	Sathyakumar	
1.15-2 PM	Session 14	Plenary Session: Space Medicine	Space Medicine - From Theory to Practice	B K Singh Jayakumar Venkateshan Dr. Murthy Remilla	Dr. Anish Bhattacharya Dr. Arvind Tyagi Dr. Pawan Gupta
2-2.45 PM	Lunch Break and Poster Walk				
2.45-3 PM	Session 15		Nuances of Telemedicine in Rural India	Indiritta D'Mello	Dr. Krishna Kumar Dr. Rajat Sandhir Dr. Raghawan
3-3.45 PM	Session 16	Tele-Palliative Care	Tele-Palliative Care for Cancer Patients: Our Experience in Odisha	Dr. Biswa Narayan Mohanty	Dr. Tanvir Samra Dr. Amit Agarwal

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3.45–4 PM	Session 17	Panel Discussion	AI for Diabetic Retinopathy and Endocrinology	Dr. Mona Duggal	**Panelists:** Dr. Sanjay K Bhadada Dr. S S Pandav Dr. Vishali Gupta Dr. Liza Das Dr. Ashvini Goel Dr. Kim R. **Moderator:** Dr. Atul Arora
4–4.45 PM	Session 18	Information Age Technologies and Tools for Surgeons	Introduction to Emerging Digital Technologies in Surgical Practice (15 min)	Dr. S K Mishra	**Panelists:** Dr. Ashish Sharma Dr. Ravi Mohan Dr. Sunil Shroff **Moderator:** Dr. S K Mishra **Co-moderator:** 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)		
4.45–5 PM			Tea/Coffee Break and Networking		
5–6 PM	Session 19	Telemedicine - the Building Blocks of Digital Health Ecosystem	Leveraging Telemedicine for improving quality of Healthcare (15 min)	Dr. Uma Nambiar	Dr. P K Pradhan Bijoy M G. Er. Farooq Vani
			AMR - Can Telemedicine help fight the growing epidemic (15 min)	Dr. Ayushi	
			Voice of an Entrepreneur - Empowerment through Telemedicine (15 min)	Indiritta D'Mello	
6–6.10 PM			Showcasing Industry Product: Connecting the Dots in Critical Care to Telehealth	GE Healthcare	
6.10–7.10 PM			TSI General Body Meeting		
8 PM onwards			Drinks and Gala Dinner at PGI Club		

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DAY 3 - 30TH NOVEMBER 2024

TIME	SESSION	PROGRAMME	TOPIC	SPEAKERS	CHAIR
9-9.45 AM	Session 20	**Plenary Session**	Technology as a Disruptor in Critical Care	Dr. Mandar Vaidya	
9.45-11 AM	Session 21	**Tele-ICU Workshop**	Innovative Tele-ICU: Designing Seamless Systems, Integrating Advanced Devices and Optimizing Clinical Work Flows	Dr. Raj Rawal Dr. Sandesh Kumar Dr. K Hima Bindu Dr. Rahul	
11-11.30 AM		**Tea/Coffee Break and Networking**			
11.30 AM-12.15 PM	Session 22	**AI for Public Health (10 min each and 5 min Discussion)**	AI Overview in Public Health - Success and Challenges	Dr. Jaideep J Rayapudi	Dr. Arun Aggarwal Dr. S K Jindal Dr. Kirti Prasad Pradhan
			Application of AI in Prevention of Health Emergencies in Mass Gathering , Sports Events and Rural Public Health	Dr. Umashankar S	
			Using AI to Compliment/Supplement Telemedicine in Public Health/Rural Health	Dr. Jawahar Shah	
			Leveraging Machine Learning for Enhanced Population Health Monitoring in LMICs: Linking Demographic Surveillance and Clinic Records	Dr. Tathagatha Battacharjee	
12.15-1.15 PM	Session 23	**Building Inclusive and Responsible AI for Mental Health in India: Global Insights and Local Impact (12+3 min each)**	Introduction: The Role of AI in Mental Health for India	Dr. Smriti Joshi	Dr. Prem Nair Dr. Selvakumar Dr. Rita Dadwal
			Global Learnings: Real-World Use Cases of AI in Mental Health	Pranav Gupta	
			Case Study: Using AI for Public Health – Vaccine Hesitancy and Mental Health	Shakeel	
			Leveraging Insights for Inclusive AI for Mental Healthcare in India	Dr. Vibhu Agarwal	
1.15-2 PM		**Award Papers (5+2 min)**			
1.15-1.22 PM	Session 24		Navigating Tele-Dermatology through e-Sanjeevani Platform: A Retrospective Journey in Virtual Skin Care	Dr. Priyadarshini Sahu	
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	

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2–2.45 PM	Lunch Break				
2.45–3.40 PM	Session 25	Digital Health - Ayushmaan Bharat	e-Sanjeeveni (10 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 (10 min)	Vikram Pagaria	
			National Health Stack and India Health Stack (10 min)	Rhea Singh Kiran Anandam Pillai	
			Developing Technical Standard for Tele-X in India (10 min)	Tushar Fegade	
3.40–4 PM	Session 26	**Invited Talk**	Redesigning Healthcare Delivery: Digital First and Tech Enabled (18+2 min)	Dr. Siddiqui Anwar	Dr. Harpreet Kaur Dr. Sachin Verma
4–4.30 PM	Session 27	Tele-Health: Showcasing Best Practices	STEMI (15 min)	Dr. Wander	Dr. Selvakumar Dr. Raja Ramachandran Dr. Sanjay Sood
			Rural Villages - Tobacco Users Healthcare Initiative (15 min)	Dr. Pawan Gupta	
4.30–5 PM	Valedictory Function				