Office of the Principal Scientific Adviser
to the Government of India

सत्यमेव जयते

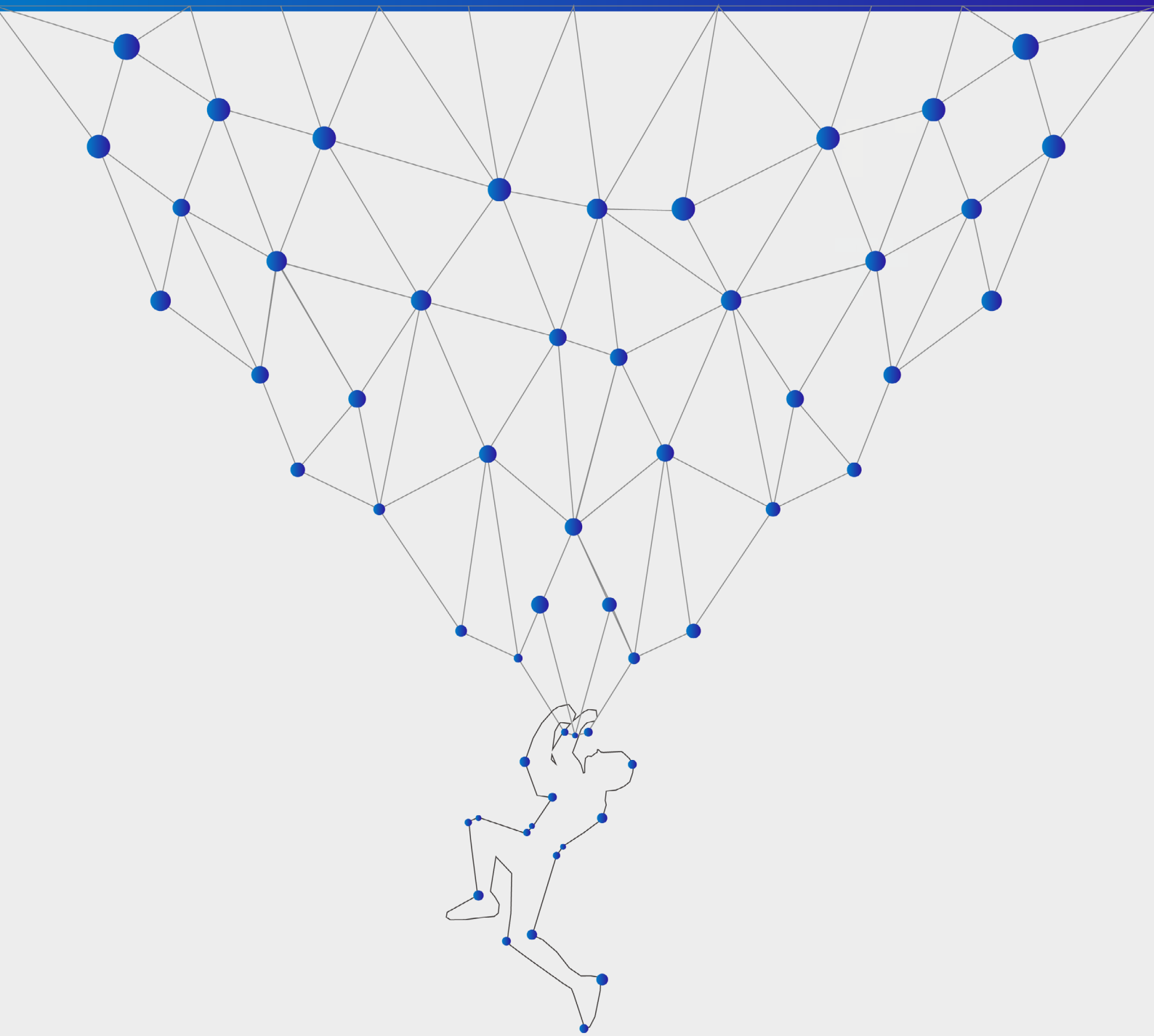
RICH
Research and Innovation
Circle of Hyderabad

Curtain Raiser event for

Global AI Summit 2024

AI in Healthcare - Today's Reality andTomorrow's Potential

Contents



Global AI Summit 2024 - Curtain Raiser Event on ‘AI in Healthcare: Today’s Reality and Tomorrow’s Potential.’

1. Opening Remarks by Dr. Sushmitha Sundar, Head of Life Sciences, Research and Innovation Circle of Hyderabad (RICH)

Dr. Sushmitha Sundar commenced the session by welcoming the esteemed audience, comprisingexperts, researchers, and studentsto the curtain-raiser event for the Telangana Government's Global AI Summit, scheduled to take place on September 5th and 6th, 2024. She introduced the Research and Innovation Circle of Hyderabad (RICH), emphasizing its role as a nodal agency fostering collaboration in research and innovation.

Dr. Sundar highlighted the significance of the Global AI Summit as a premier platform that brings together opportunities and challenges within the field of Artificial Intelligence (AI). The summit was designed to showcase thought leadership and innovations across various domains, including FinTech, EduTech, and particularly Healthcare, which is the focus of this curtain-raiser event.

Organized by RICH in collaboration with IIIT Hyderabad, the curtain-raiser event centered on the theme of AI in Healthcare, a topic that naturally attracts a diverse audience. The attendees included clinicians, researchers from both engineering and healthcare disciplines, startups in the AI healthcare sector, and students.

Dr. Sundar pointed out that AI in Healthcare includes a range of critical issues, such as data availability and quality, synthetic data, responsible AI and ethics, questions of liability, regulatory frameworks, the pace of innovation, and the need for clinical validation. She also acknowledged the ongoing divide between the engineering and medical fields, emphasizing the event's goal of initiating conversations to bridge these gaps.

Dr. Sushmitha further expressed her hope that the event would serve as a platform to break down silos and foster interdisciplinary dialogue. She then invited Ms. Rashmi Pimpale, CEO of RICH, to address the gathering, provide a warm welcome, and share insights into RICH's ongoing initiatives.

2. Welcome Address by Ms. Rashmi Pimpale, Chief Executive Officer (CEO), Research and Innovation Circle of Hyderabad (RICH)

Ms. Rashmi Pimpale extended a warm welcome to all attendees of the curtain-raiser event for the Global AI Summit 2024. She emphasized the significance of the event's theme, "AI in Healthcare: Today's Reality and Tomorrow's Potential," and emphasizing the growing significance of Artificial Intelligence (AI) in everyday life. She highlighted that AI has evolved beyond being a mere buzzword; it has become a transformative force that is reshaping various sectors, including life sciences, drug discovery, digital health, and healthcare.

Ms. Pimpale highlighted the convergence of AI and healthcare as a focal point of the event. She elaborated on the role of RICH in promoting, facilitating, and accelerating innovations in these critical sectors. She informed the audience about RICH's flagship programme, the AID (Acceleration Initiative for Devices, Diagnostics, and Digital Health), which supports startups through targeted interventions such as regulatory guidance, clinical validation, and go-to-market strategies. These innovations, she pointed out, are not only pioneering AI-driven insights in drug discovery but are also revolutionizing patient care. Examples include telemedicine platforms that connect rural patients with specialists in real-time and continuous remote patient monitoring systems.

Ms. Pimpale emphasized that the convergence of AI and healthcare is ushering in a new era for digital technologies that will enhance accessibility and care, particularly for those in need. She expressed the importance of hearing directly from those involved in making these advancements a reality.She expressed confidence that the interactions with clinicians, researchers, and industry experts during the event would inspire actionable ideas to advance the sector further.

Ms. Pimpale once again welcomed all participants and expressed her hope that the event would yield valuable insights to propel the AI and healthcare sectors forward. She wished everyone a productive and enjoyable experience at the event.

3. Welcome Address by Dr. Jay Mukherjee, Chief Executive Officer (CEO), iHub Data, IIIT Hyderabad

Dr. Jay Mukherjee began by introducing himself and providing a brief overview of his background. He joined iHub Data in January 2024 after a distinguished 25-year career in the industry, having worked with companies such as Microsoft and Amazon. Dr. Mukherjee explained that, driven by a desire for change, he transitioned from industry to academia, where he now contributes to iHub Data at IIIT Hyderabad.

He provided an overview of iHub Data, explaining that it is the Technology Innovation Hub at IIIT Hyderabad. The hub was established as part of a nationwide initiative by the Department of Science and Technology (DST) to create 25 such hubs across India. These hubs are designed to focus on translational research, moving theoretical research towards practical applications. Each hub was assigned specific verticals to ensure collaborative progress, with iHub Data at IIIT Hyderabad focusing on healthcare and mobility.

Dr. Mukherjee elaborated on iHub Data's work in mobility, mentioning a project named RASTE, which has successfully reduced road fatalities by 41% in Nagpur and is now being implemented in Telangana. However, he emphasized that the focus of the day's discussion was on healthcare, where iHub Data is also making significant strides.

He introduced the iHub Data Foundation, a data platform created to support AI research by providing a robust infrastructure for storing, analyzing, and visualizing data. The platform, with 1.6 petabytes of data and an 80-GPU cluster, is available for academic and research purposes, and is already being utilized by several researchers with 33 datasets currently uploaded.

Turning to healthcare, Dr. Mukherjee shared examples of the impactful research being conducted at iHub Data. One such project is an oral cancer screening app designed to detect early signs of oral cancer, particularly in rural areas where medical facilities are scarce. The app is currently being tested in the Northeast part of India, with around 3,600 people having already used it. Dr. Mukherjee emphasized the potential societal impact of this tool and expressed a need for additional funding to scale the project nationwide.

He also highlighted a project addressing challenges in medical education, specifically the teaching of anatomy. iHub Data has developed software that uses actual CT images to create 3D visualizations, providing medical students with a more immersive and comprehensive learning experience. This tool is already being tested at Osmania Medical College and other institutions.

Dr. Mukherjee concluded his remarks by encouraging attendees to engage throughout the event. He expressed his appreciation for their participation and wished everyone a productive afternoon. Finally, he thanked Dr. Sundar and the organizing team for their efforts in arranging the event and facilitating the interactions between clinicians and researchers.

4. Curtain Raiser Address by Ms. Rama Devi Lanka, Director, Emerging Technologies Wing, Govt. of Telangana

Ms. Rama Devi Lanka delivered an insightful address at the curtain raiser event for the Global AI Summit 2024. She began with a reflection on her diverse professional background, which spans civil engineering, information technology, and policy-making. Ms. Lanka described herself as a technocrat, navigating the intersection of technology and governance, and expressed her appreciation for the expertise of the audience gathered for the event.

Ms. Lanka extended her gratitude to the Research and Innovation Circle of Hyderabad (RICH) for organizing the event, which served as a prelude to the summit scheduled for September 2024. She highlighted the Telangana government's early adoption of artificial intelligence (AI) initiatives, starting in 2020, and emphasized the importance of the state-specific AI framework that was developed. She particularly noted the critical role of data, aligning with the points made by Dr. Jay Mukherjee about the significance of data in AI research.

The Global AI Summit, according to Ms. Lanka, is a culmination of the state's efforts to leverage AI across various sectors, including agriculture, healthcare, education, and law. She noted that the summit aims to bring together global experts and thought leaders to discuss the future of AI and its practical applications. The theme, "Making AI Work for Everyone," reflects the summit's focus on understanding and implementing AI in real-world scenarios.

In her speech, Ms. Lanka acknowledged the need for advancement in AI applications within healthcare, an area that has not been as extensively explored by the Telangana government compared to other sectors. She announced the establishment of a Center of Excellence in AI for Public Health Delivery, in partnership with PATH, as part of the broader AI City initiative in Hyderabad. This Center is intended to enhance public healthcare delivery through innovative AI solutions.

Ms. Lanka concluded her address by inviting all attendees to contribute their insights and expertise to the discussions at the summit. She encouraged active participation, highlighting the significance of the event as a pioneering effort by a state government in India. The summit is expected to attract around 2,000 participants and over 100 global speakers, setting a precedent for future AI-focused gatherings.

Ms. Lanka's speech effectively outlined the objectives of the upcoming Global AI Summit and emphasized the importance of collaborative efforts in advancing AI technologies for societal benefit.

5. Session 1: AI in Healthcare Administration

5.1. Hospital Administrative Perspective by Dr. Sujoy Kar, Chief Medical Information Officer and Vice President, Apollo Hospitals

Dr. Sujoy Kar delivered a compelling presentation on the integration of artificial intelligence (AI) in healthcare administration, drawing from his extensive experience with Apollo Hospitals. His session focused on the transformative impact of AI on hospital administration and patient care.

Dr. Kar began by acknowledging the inherent vulnerabilities of human beings, despite advances in technology. He stressed that, while technology can greatly enhance healthcare services, it cannot eliminate human vulnerabilities.

He outlined five key aspects of effective AI implementation in healthcare:

1. Data Management: Dr. Kar stressed the importance of setting up accurate and comprehensive data systems. He highlighted the need to integrate various data sources, including transactional data, clinical records, imaging data, genomic information, and even videos of past surgeries. Proper data management is crucial for developing effective AI tools and for longitudinal analysis of patient outcomes.

2. Ecosystem and Collaboration: He discussed the significance of creating a collaborative ecosystem involving doctors, engineers, and other stakeholders. Dr. Kar praised the talent and innovation emerging from Hyderabad and emphasized the value of interdisciplinary partnerships in advancing healthcare technologies in India and, also internationally through Global Capability Centers (GCCs) in India.

3. Last-Mile Accessibility: Dr. Kar addressed the challenge of making AI solutions accessible at the point of care, especially in emergency situations. He cited a project where algorithms were used to optimize ambulance localization and response times, which was adopted by the government of Rajasthan.

4. Ethics: Theethical considerations of AI in healthcare from both AI development and clinical perspectives were a central theme in Dr. Kar's presentation. He advocated for integrating clinical ethical principles such as safety and non-maleficencewith fairness, integrity, accuracy, inclusivity and othersintegral of AI development, to ensure that these technologies are used responsibly and effectively.

5. Technology Adoption: Finally, Dr. Kar highlighted the importance of involving healthcare professionals in the adoption of new technologies. He shared insights into the challenges and benefits of implementing AI tools in hospital settings, including examples of how AI has improved operational efficiencies and patient care.

Dr. Kar also discussed the limitations of generative AI tools, noting that while they have made significant strides, they still face challenges in accuracy and data privacy. He emphasized the need for continuous improvement and the importance of using specific, high-quality data for training AI models.

Dr. Kar's session provided valuable insights into the practical applications of AI in healthcare administration and the ongoing efforts to enhance these technologies. He was thanked for his contributions to the discussion.

5.2.Start-up Use-case presentation by Mr. Ravi Kiran Babu, Chief Executive Officer (CEO), Apex Cura Healthcare Solutions

Mr. Ravi Kiran Babu, Founder and CEO of Apex Cura Healthcare Solutions, delivered an insightful presentation on the role of artificial intelligence (AI) in enhancing healthcare administration. With a background in engineering and over eight years of experience working with major hospitals, Mr. Babu provided a comprehensive overview of how AI can address challenges and create opportunities in hospital settings.

Mr. Babu began by sharing his journey from engineering to healthcare, noting his experience in developing and implementing digital solutions across various hospital branches. His practical insights led him to create modular AI solutions tailored to the specific needs of healthcare institutions.

Key points from Babu's session included:

1. Modular AI Solutions: Mr. Babu introduced Apex Cura's platform, which offers a suite of modular solutions that hospitals can integrate with their existing systems. These solutions are designed to enhance various aspects of hospital administration, providing flexibility based on business requirements and priorities.

2. Personalization in Patient Interactions at Scale: One of the standout features of Apex Cura's solutions is the ability to personalize patient interactions at scale. Mr. Babu highlighted how their system remembers context and provides personalized prompts based on patient history and medical conditions. This level of personalization, akin to what is experienced on platforms like Amazon or YouTube, aims to improve patient engagement and satisfaction.

3. Chronic Disease Management: Mr. Babu discussed an upcoming feature designed to help manage chronic diseases. The system will track vital parameters and send reminders to patients who have not had recent measurements. This proactive approach can lead to better management of conditions such as diabetes and hypertension, potentially influencing treatment plans and improving patient outcomes.

4. Business Opportunity Detection: Addressing the challenge of missed business opportunities in digital interactions, Mr. Babu introduced the AI agent. This AI-driven tool monitors unstructured communication to identify potential business leads and alerts hospitals to these opportunities, thus ensuring that no potential patient engagement is lost.

5. Specific Operational Efficiency and Workflow Optimization: Mr. Babu explained how their system can enhance operational efficiency by monitoring key performance indicators (KPIs) and detecting anomalies. Additionally, the platform allows hospitals to train their AI-driven chatbots with unstructured information, ensuring that the bots are well-versed in hospital specific policies and procedures.

6. Capacity and Traffic Management: Another feature in development focuses on optimizinghospital workflows by understanding and managing patient traffic. The system aims to improve operational bandwidth and distribute patient flow efficiently across different departments.

Mr. Babu concluded his presentation by emphasizing the practical applications of these AI solutions in real-world hospital settings, highlighting that these technologies are already in use and delivering tangible benefits.

Following the presentation, Mr. Babu was thanked for his valuable contributions and was presented with a token of appreciation.

6. Session 2: AI in Healthcare in Clinical Practice

6.1. First Panel:

1. Mr. Naresh Kumar, CEO and Co-Founder, Asian Spine Hospital
2. Dr. Rakesh Kalpala, Director Endoscopy, Centre of Obesity, Medical Gastroenterology, and Metabolic Therapy, AIG Hospitals
3. Dr. Ramesh Kekunayya, Director, Centre for Technology Innovation, LVPEI
4. Dr. Vijay Bathina, Centre Head & Clinical, Director- Rehab Services, Atharv Ability

Q1: What are the current AI-based use cases in clinical practice in your specific area of clinical practice? What factors have enabled these use cases?

Dr. Rakesh Kalpala

AI has significantly advanced in gastroenterology over the past 2-3 years, particularly in computer vision for tasks like detecting polyps in colonoscopy and endoscopy procedures. These AI models are helping in the early detection of gastric cancers. Companies like Olympus and Fujifilm have led to the development of commercially available AI models. AI is also used for processing large datasets using Natural Language Processing,Large Language Models (LLMs)and Generative AI (Gen AI) to enhance data interpretation. Institutions like IIIT Hyderabad are key collaborators in these advancements.

Dr. Ramesh Kekunayya

AI is highly effective in image-based specialties like ophthalmology. At LV Prasad Eye Institute (LVPEI), AI is used for managing large datasets, especially in analyzing retinal and corneal images. Big data and proprietary algorithms help study disease prevalence and predict conditions like diabetic retinopathy. Using a fundus camera, AI models assist in screening for eye diseases in diabetic patients, allowing for early intervention. In cases of myopia among children, AI tools like Myopia Progression Risk Assessment Score (MPRAS) developed by LVPEI assess the risk of developing progressive myopia based on various parental risk factors.

Dr. Vijay Bathina

AI plays a crucial role in rehabilitation, especially in tracking post-surgery recovery and stroke rehabilitation. Wearable EMG devices are used to measure muscle contraction during rehabilitation exercises, helping to create personalized recovery plans. AI integration with robotics and virtual reality (VR) is advancing post-stroke recovery by inducing neuroplasticity through repetitive exercises. However, the availability of relevant data and normative India standardsfor rehabilitationremains a major challenge.

Mr. Naresh Kumar

In spine care, AI is utilized to analyze images of the spine captured using mobile phone camerasfor early detection of conditions like scoliosis in children. Additionally, AI tools enable analysis of posture based on 3D images captured using infrared cameras, detecting imbalances of spine with reference to shoulder and pelvic bonesthat leads to lower back pain. This helps in early intervention by addressing the root cause, particularly in postural issues exacerbated by long hours of sitting during the post-COVID era or personal inclinations. AI allows clinicians to make timely decisions before complications arise.

Q2: What are the potential AI-based use cases needed in the future for clinical practice in your specific area of clinical practice?

Dr. Rakesh Kalpala

Future AI use cases in gastroenterology include advanced applications in endoscopy, colonoscopy, ultrasound, and Endoscopic Retrograde Cholangiopancreatography (ERCP). AI can be leveraged in tier 2 and tier 3 cities through augmented reality (AR) and virtual reality (VR) to make healthcare more accessible through guided interventions. AI-driven analysis of images,genomics, proteomics, and multi-omics will help prevent diseases and personalize treatments.

Dr. Ramesh Kekunayya

Future use cases in ophthalmology involve enhanced usage ofAI for screening, diagnosis, and treatment, particularly,surgical planning. Additionally, AI can reduce variability between doctors by standardizing diagnostic and treatment capabilities, thus, improving outcomes and consistency in care.

Dr. Vijay Bathina

AI has the potential to revolutionize physical therapy by addressing the challenge of patient adherence. Telehealth models could be developed to track whether patients are following prescribed exercises, ensuring better recovery and reducing the recurrence of health issues. AI could also help in monitoring biomechanical health over time, improving overall patient care.

Mr. Naresh Kumar

In the future, AI can play a crucial role in preventive care for the spine and musculoskeletal health. AI in image-based diagnostics, such as endoscopy and spine imaging, will foster more innovations. Additionally, AI can reduce the steep learning curve for young doctors, particularly in teaching endoscopy skills, thereby enhancing medical education.

The panelists concluded that AI's role in healthcare is still evolving, but its potential to enhance personalized preventive and treatment care, improved diagnostics, and enhanced treatment outcomesis immense. They emphasized the need for data collection and innovations to fully harness AI's capabilities in healthcare.

6.2. Second Panel:

1. Dr. Abhiram Chandra G, Neurosurgery and Spine Surgery, Consultant- Neurosurgeon, AIG Hospitals
2. Dr. Harish Neelamraju Lakshmi, Consultant Surgical Oncologist &Robotic Surgical Oncologist, Yashoda Hospitals& Grace Cancer Foundation
3. Dr. Samtha Tulla, Co- Founder &Chief Medical Officer, PMX Health
4. Dr. Venkata Ramana S, Co-Founder & Chief Executive, Officer- Excell Hospitals Clinica Lead- Everlight Radiology

Q1: What arethe current AI-based use cases in clinical practice in your specific area of clinical practice? What factors have enabled these use cases?

Dr. Harish Neelamraju Lakshmi

Currently, AI in oncology is enhancing screening, diagnostic accuracy and treatment precision. AI algorithms are used in mammography to augment radiologist evaluations, significantly improving breast cancer detection rates and reducing false positives. In cervical and oral cancers, AI aids early diagnosis through advanced imaging and chatbot-based diagnostics. AI also contributes to robotic surgery by minimizing post-operative pain and accurately identifying critical structures during surgery. The integration of AI in personalized medicine helps combine drug resistance mechanisms with advanced nomograms, improving prognosis and treatment outcomes.

Dr. Samatha Tulla

In longevity medicine, AI plays a pivotal role in identifying and delaying age-related diseases, thereby enhancing the quality of life. AI aids in metabolomics by personalizing treatments for individuals based on genetic differences, particularly for the Indian population. It supports the use of nutraceuticals for gut health and helps in building longitudinal datasets for predictive models, such as those used for conditions like polychondritis, fibromyalgia etc. These applications aim to improve health span and prevent chronic diseases. The enabling factors include advances in genomics, epigenomics, microbiomics and metabolomic research, the availability of large datasets, and improved computational power for analyzing complex biological information.

Dr. Abhiram Chandra G

AI applications in neurosurgery include mapping brain functions and cognitive abilities to guide surgical planning, ensuring that critical areas are avoided during procedures. AI also predicts stroke susceptibility, analyzes surgical videos to assess potential injuries, and employs augmented and virtual reality technologies for educational purposes and improving surgical techniques. These advancements are supported by developments in imaging technologies such as fMRI, AI algorithms for real-time analysis, and integration with educational tools for enhanced training.

Dr. Venkata Ramana S

In radiology, AI has taken the significant role of assistant in clinical decision support system thus, enhancing diagnostics efficiency in imaging. Additionally, AI is optimizing patient appointment management by streamlining scheduling processes and enhancing operational efficiency. and integrating AI with radiological workflows to manage patient appointments more effectively. Factors enabling these use cases are advancements in digital imaging, the development of AI tools for real-time data processing, and the growing integration of AI systems into clinical practices.

Q2: What are the potential AI-based use cases needed in the future for clinical practice in your specific area of clinical practice?

Dr. Harish Neelamraju Lakshmi

Future AI use cases in oncology include enhancing robotic surgery capabilities for real-time tumor identification, which will improve precision during operations. AI could also expand screening efforts in low-resource tier 2 and tier 3 cities, where expertise is scarce, and advance early detection of breast and cervical cancers through innovative diagnostic tools and algorithms.

Dr. Samatha Tulla

In longevity medicine, AI is expected to streamline the analysis of multi-omicsand wearable-omics data, significantly reducing processing and interpretation times. It will also play a crucial role in accelerating clinical studies for nutraceuticals and pharmaceuticals, leading to more efficient application of these interventions and better personalized treatment options.

Dr. Abhiram Chandra G

AI is poised to revolutionize neurosurgery by enhancing pre-surgical diagnosis and tumor characterization through advanced imaging analysis. Future applications include improved surgical precision with real-time posture analysis of surgeons and augmented reality, and better prediction of post-surgical recovery timelines. AI will also advance educational training through simulation-based tools, further improving surgical techniques and outcomes.

Dr. Venkat Ramana S

In radiology, future AI applications will continue to enhance precision imaging by improving data quality and integration. AI will also play a role in optimizing patient management systems, predicting critical conditions like strokes in remote areas, and ensuring timely interventions to improve patient outcomes. The focus will remain on advancing both clinical and non-clinical applications, with ongoing improvements in AI technology and data management systems.

The panelists underscored AI's important role in revolutionizing medical practice, from enhancing diagnostic accuracy and personalizing treatments to improving surgical precision and operational efficiency, along with being mindful of ethics and patient privacy. The experts agreed that ongoing advancements and collaboration will be crucial in harnessing AI's full potential to elevate patient care and clinical outcomes.

6.3.Startup Use-case Presentation

6.3.1. Ms. Sowmya Darapaneni, Co-Founder, AvinyaNeuroTech

Ms. Sowmya Darapaneni, Co-Founder of Avinya Neuro Tech, presented their innovative AI-driven brain monitoring system designed to detect and analyze seizures, particularly non-convulsive seizures that lack visible symptoms. Their system combines both hardware and software solutions to provide real-time data analysis, enhancing diagnosis and treatment. AvinyaNeuroTech is currently collaborating with diagnostic centers and hospitals like NIMS and has received support from various government bodies. They are open to further collaborations with medical and technical experts.

6.3.2. Mr. Vijay Sreegiriraju, VP (Technology), Exsegen Genomics

Mr. Vijay Sreegiriraju, VP of Technology at Exsegen Genomics, presented their work in brain tumor research, focusing on improving tumor classification and reducing the risks associated with solid biopsies. Their solution integrates genomic data with imaging to aid neuropathologists and oncologists in accurately classifying brain tumors. Exsegen has collected over 4,000 brain tumor samples across India and sequenced hundreds of them to enhance classification accuracy and provide valuable insights. Their technology aims to bridge the gap between genomic and clinical data to better address the challenges in brain tumor diagnosis and treatment.

7. Session 3: Talent for AI in Healthcare

Mr. Bharani Kumar Depuru, Co-Founder & Chief Data Scientist, 360DigiTMG- AiSPRY

Mr. Bharani Kumar Depuru discussed the diverse data sources crucial for AI in healthcare. Key data types include clinical, pharma, and administrative data, pre-clinical studies, wearable device data, and IoT data. Mr. Depuru emphasized the importance of integrating data from various sources, such as single-cell omics and hospital EMR, to enhance patient care and engagement through AI.

He highlighted the challenge of healthcare workforce shortages, with a significant gap in the number of doctors and nurses globally. This shortage, alongside the rise in AI-related investments, underscores the need for upskilling for both engineering and medical fraternity. AI is positioned not as a replacement but as a complementary tool in healthcare, driving advancements and addressing shortages through technologies like AutoM

8. Concluding Address by Ms. Rashmi Pimpale, Chief Executive Officer (CEO), Research and Innovation Circle of Hyderabad (RICH)

Ms. Rashmi Pimpale expressed gratitude to all attendees at the Global AI Summit 2024 - Curtain Raiser Event on 'AI in Healthcare: Today's Reality and Tomorrow's Potential.' She highlighted the event's success in showcasing AI's transformative impact across various domains, focusing on three key tracks: AI in Hospital Administration, AI in Clinical Practice, and Talent for AI in Healthcare. Discussions revealed how AI is streamlining hospital operations, enhancing patient care, and significantly advancing diagnostics and treatment in clinical practice.

She emphasized the importance of nurturing talent and fostering interdisciplinary collaboration to drive innovation in healthcare. The involvement of innovative start-ups demonstrated the rapid growth of AI-driven solutions. Ms. Pimpale concluded by noting that the inspiring exchanges at the event laid the groundwork for future collaborations, marking the beginning of an exciting journey toward a future where AI revolutionizes healthcare delivery

Team RICH

Research and Innovation Circle of Hyderabad

RICH, Cabin No. 16, T-Hub Foundation,
Plot No 1/C, Sy No 83/1, Raidurgam Panmaktha,
Hyderabad Knowledge City,
Hyderabad, Telangana – 500081
Email: cmanager-rich@telangana.gov.in