elets ANNUAL HEALTHcare INNOVATION SUMMIT

10-11 DECEMBER 2019, NEW DELHI

Conference Report 2019

WHEN EXPERTS PONDERED INNOVATIVE PRACTICES TO AUGMENT DELIVERY OF HEALTHCARE

In an endeavour to deliberate upon how technology, innovations, best practices being implemented by public and private providers, awareness, and community participation could prove to be effective ingredients to do away existing issues plaguing the Indian healthcare sector, the Annual Healthcare Innovation Summit was organised in New Delhi recently.

Organised by Elets Technomedia and supported by National e-Governance Division (NeGD); Digital India; Ministry of Electronics & Information Technology, Government of India; Government e-Marketplace (GeM); and National Health Mission, Government of Uttar Pradesh, the two-day healthcare conclave witnessed congregation of healthcare luminaries including ministers, key policymakers, international experts, industry veterans, and decision makers of big hospital chains.

The healthcare stalwarts highlighted various innovative practices, conducive policies and ways to reach out to the people at the last-mile; their vision for it and the hurdles in that roadmap.

The Summit was inaugurated by Ashwini Kumar Choubey, Minister of State for Health & Family Welfare, Government of India; Jai Pratap Singh, Hon'ble Minister, Medical and Health, Family Welfare, Mother and Child Welfare, Government of Uttar Pradesh; and Atul Garg, Hon'ble Minister of State, Medical, Health & Family Welfare, Mother and Child Welfare, Government of Uttar Pradesh. Other important dignitaries include Nitin Madan Kulkarni, Secretary, Department of Health & Family Welfare, Government of Jharkhand; S Suresh Kumar, Joint secretary and Additional CEO, Government e-Marketplace (GeM), Ministry of Commerce & Industry, Government of India; Abhishek Singh, CEO & President, National e-Governance Division(NeGD), Ministry of Electronics & Information Technology, Government of India; Dr Neeta Verma, Director General, National Informatics Centre, Ministry of Electronics and Information Technology, Government of India; and Padma Jaiswal, Secretary, Directorate of IT, Government of Puducherry.

Ambassadors from across the globe including Moe Kyaw Aung, Hon'ble Ambassador, Embassy of The Republic of the Union of Myanmar; Ritva Koukku-Ronde, Hon'ble Ambassador, Embassy of Finland, New Delhi; and J Goburdhun, GOSK, Hon'ble High Commissioner of the Republic of Mauritius to India; Hector Cueva Jacome, Hon'ble Ambassador, Embassy of Ecuador in India; Daniel Chuburu, Hon'ble Ambassador, Embassy of the Argentine Republic; and Serge Thierry Mandoukou Ombegue, Culural Counsellor Embassy of Gabon, New Delhi.
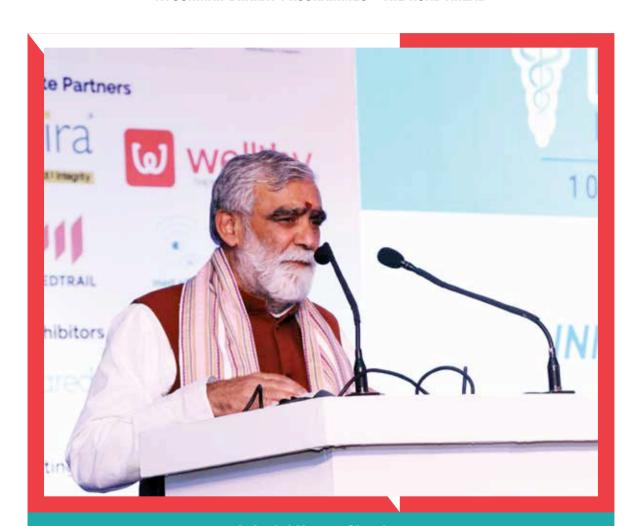
Various enlightening discussion sessions covering topics on technology, leveraging innovative practices, sustainable healthcare delivery model were also organised.

Eminent dignitaries, on this occasion, unveiled a special issue of eHEALTH Magazine, which has been promoting innovations in healthcare ecosystem for over a decade.

On this occasion, various thought leaders and healthcare experts were also felicitated with Healthcare Transformation Leaders Award and Healthcare Excellence Award for their extraordinary contributions in the healthcare world.

TRANSFORMING HEALTHCARE SPECTRUM THROUGH RESEARCH, INNOVATION AND CONDUCIVE POLICY: LEVERAGING DIGITAL INDIA AND AYUSHMAN BHARAT PROGRAMMES - THE ROAD AHEAD

Ashwini Kumar Choubey

Minister of State for Health & Family Welfare, Government of India

Elets Technomedia along with eHealth has organised such a grand health conference where top dignitaries from different parts of the country have participated. Health is biggest wealth one could ever have. It is priceless. Health has been a priority sector for the Government and several measures are being undertaken to provide affordable, accessible, and quality care to masses. In recent years, the Indian healthcare sector has evolved a lot and credit goes to cutting-edge technology including telemedicine and artificial intelligence and lots of innovative works. Ayushman Bharat is one of its kind initiatives in the world. In order to make India happy and healthy, the scheme enables poor people to avail quality tertiary care free of cost. Around 70 lakh people have been benefitted till date. A total of 13 lakh golden cards have been distributed to facilitate care through empanelled hospitals.

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Jai Pratap Singh

Minister, Medical and Health, Family Welfare, Mother and Child Welfare, Government of Uttar Pradesh

Uttar Pradesh has a population 230 million and majority of people thrive on agriculture. They need accessible and affordable healthcare and the Government is striving for the same. We have 175 district hospitals, 853 community health centres, around 3,621 primary centres and 20,521 around sub centres. We provide free medical services like CT scan, MRI, haemodialysis, ultrasound, digital x-ray, and cheap medicines. The State faces challenges on many fronts including skilled professionals and infrastructure. We are looking for technology upgradation to fill gaps on these fronts.

Atul Garg

Minister of State, Medical, Health & Family Welfare, Mother and Child Welfare, Government of Uttar Pradesh

Accountability and work management coupled with robust strategy can do away major issues affecting delivery of care in Uttar Pradesh. There is a gap on front of distribution of work and expertise. Some expert doctor are found to be in management role which they shouldn't supposed to do. Ideally, they should handle emergency medical patients. In this light, we need participation from private players. The Government needs better and innovative ideas so that every single citizen of the state gets affordable and accessible care. We need to use resources in prudent manner.

Special issue of eHealth Magazine being launched by Dignitaries at the Annual Healthcare Innovation Summit in New Delhi

Nitin Madan Kulkarni

Secretary, Department of Health & Family Welfare, Government of Jharkhand

Healthcare is at transitive state at the moment. Government policies have clearly defined that health and wellness would be focused nowonwards. With an objective to provide inclusive care, health and wellness centres are being established across country in place of primary and community health centres. Health is only curative part while wellness broadens the perspective, encompassing overall well-being of a person. Patterns of diseases are changing with NCDs becoming a big challenge to tackle. Mental health is another area which needs immediate and urgent attention.

S Suresh Kumar

Joint secretary and Additional CEO, Government e-Marketplace (GeM), Ministry of Commerce & Industry, Government of India

Healthcare sector is one of the important sectors where there is a need of lots of innovations, investment and government's spending, that is on the rise. Overall procurement of medical devices is almost to the tune of Rs one lakh crore. If we add, drugs and vaccines, it will be another 50,000 crore. This is combine figure from both private and public sector. Public procurement is around 30-35 thousand crore per year. It includes procurement at primary to tertiary care centres like AIIMS.

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Supported By

NeGD
National e-Governance Division
Ministry of Electronics and Information Technology

Abhishek Singh
CEO & President, National e-Governance Division (NeGD), Ministry of Electronics & Information Technology, Government of India

Healthcare industry is poised to grow. The industry which is worth around 100 billion dollar will grow upto 280 billion dollar by 2022 with annual growth rate at 33 percent. This needs a massive push in the availability of infrastructure, doctors, and facilities. Currently we have 0.7 doctors and 1.1 beds per 1,000 persons in India, a dismal figure. Understanding the need and requirement in the sector, the Government has undertaken several programmes including NMC Bill which will pave path for quality healthcare professionals in next few years. Under the Ayushman Bharat scheme, there is a plan to set up 150 wellness centres across country to ensure complete well-being of masses.

Dr Neeta Verma
Director General, National Informatics, Centre, Ministry of Electronics and Information Technology, Government of India

Professionals in healthcare have been leading the use of technologies in various dimensions of healthcare right from research and development, new treatment, technique, diseases, to discovery of drugs. Technology has been playing a significant role. In last two decades, there has been a significant development in medicine science as a whole, and it has progressed at fast pace. Intervention of laser in all kinds of treatment and kind of simplification in terms of procedure is marvelous. Today we have robots to help doctors for precise intervention and it has huge applications.

Dr Rubina Bose
Deputy Drug Controller of India, Government of India

The Central Drugs Standard Control Organisation(CDSCO) provides approval or permission of new drugs. Other reponsiblites of the organisation include clinical trials in the country, and control of all the imported medicines. Quality, safety, and efficacy of drugs are being looked after by port officers. We have a portal called 'Sugam', developed by CDAC. All applications regarding licensing and submission of new products are being done through this portal.

Dr Pankaj Gupta
Head Digital Health, Access Health International

Access Health International works in eight different countries. In India, we are working with the Government on National Digital Health Blueprint and many other initiatives based on the blueprint which amalgamates the entire digital component like EHR standard, and meta data standard. It also lays an architecture framework for bringing all the different systems together. We have silosed system working in public and private healthcare which needs to do away with to create robust delivery system.

Leveraging Global Collaborations to Build Effective Healthcare Ecosystem through Innovation

Ritva Koukku-Ronde
Hon'ble Ambassador
Embassy of Finland, New Delhi

Healthcare system in Finland is practically free and open for everybody. We believe in the philosophy that healthy & well educated children and people are future. We are global leader in digital health. Finland has been ranked among three strongest health technology economies in the world. Smart uses of data will be in decisive role in future health management. Research and technology enables AI to optimise processes for ultimate resource, efficiency, and human well-being.

Daniel Chuburu
Hon'ble Ambassador
Embassy of the Argentine Republic

In many aspects, we have highly developed healthcare system, particularly lower middle income standards. Though healthcare system performs well on several key indicators, outcome lags behind the country's potential. We are one of the leaders in the region with respect to healthcare spending, per capita, and human development. Major issues engulfing Argentina healthcare are equity and efficiency.

Moe Kyaw Aung
Hon'ble Ambassador
Embassy of The Republic of the Union of Myanmar

In Myanmar all health activities are implemented in conformities with strategies laid down by the Ministry of Health and Sports. It includes widespread dissemination of health information and education to reach the rural areas, enhancing disease prevention activities, and providing effective treatment of prevailing diseases. The Myanmar Government adopted national health policy in 1993. The policy has placed health of all as prime objective using primary health approach.

Hector Cueva Jacome
Hon'ble Ambassador, Embassy of Ecuador in India

India has technology and solutions which can change face and fate of world-wide healthcare. India offers cheap and best medical care. There is an enormous gap in cost of medical facilities. In Indian hospitals, there is a specific unit for medical tourists. Cost of medicine and overall treatment in Latin America is very high. Despite the fact, that 40 percent of generic medicine in U.S comes from India; we buy medicines from the former. We need to bridge gaps on many fronts.

J Goburdhun
GOSK, Hon'ble High Commissioner of the Republic of Mauritius to India

In healthcare, there has been lots of development in terms of Government policies, private initiatives, and pharmaceutical products. Today, we have unbelievable technology and apps which can help us to keep track of health 24*7. In the same vein, I can say that we have failed to ensure good health to population throughout the world. From last 50-60 years, there has been an unprecedented increase in NCDs. It is in epidemic proportion currently in 2019. We all need to work in sync to improve gaps on various fronts.

Serge Thierry Mandoukou Ombegue
Culural Counsellor Embassy of Gabon

Gabon is situated at Africa's west coast having nine provinces and a total of two million population. The new system and standard have improved quality of healthcare in the country by providing physicians, nurses, and health workers information needed to perform diagnosis. Innovations in terms of information system, communication software and programmes are contributing to improve continuity and efficiency in the delivery of care.

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LEADERS' TALK –
Perspective of Healthcare Leaders from Indial

Dr Nandkumar Jairam
Chairman & Group MD
Columbia Asia Hospital

Columbia Asia Hospital started electronic medical records in 2005. We were the first to take step ahead on technological curve. We have huge swathe of data available today, which not only provides insight about better care in terms of accessibility and quality but it also lays strong foundation for artificial intelligence which is the future of healthcare. Being paperless from day one, we were able to attract physicians, nurses, other medical professionals to use our technology in hassle free manner. We should invest in cost-conscious, efficient, and very effective technology to leverage it for enhancing patient care.

Raju Venkatraman
MD & CEO, Medall Healthcare Ltd

We are into diagnostic business. We served 11 million customers last year. Half of the total was in PPP mode in Andhra Pradesh and Jharkhand. We have one of the best clinical outcomes in India in such a low investment on percentage of GDP courtesy great doctors across country. Preventive care is need of the hour. Healthcare cost and skill would be major challenge in coming years. There is a huge gap between public and private, majorly being trust deficit. Both are not working in tandem. We need to think holistically to overcome systematic issues in order to make citizens overall healthy.

Bulbul Sood
Country Director
JHPIEGO

JHPIEGO provides technical assistance to Government of India in various health programmes-both public and private. We are working in several states. We work in areas of strengthening of family planning programmes, quality of maternal newborn healthcare, adolescent health, and wellness centres. We are leveraging technology to impart trainings to healthcare workers. JHPIEGO has started virtual class rooms to create a pool of skilled professionals. We have ASMAN programme for saving mothers and newborn.

Dr Aditi Karad
Executive Director
Vishwaraj Hospital

Vishwaraj Hospital is 300-bed hospital in Pune. Technology is proving to be crucial tool in increasing accessibility of care. It holds significance as we lack required number of doctors and their asymmetric distribution. We invest on technology to leverage it to enrich patient care experience. Major issue is integration of technology which is not happening at the moment. Medical tourism has a great future in India, thanks to growing bunch of medical professionals. The Government of India should involve private sectors in defining and implementing policies.

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ROLE OF PUBLIC PRIVATE PARTNERSHIP FOR EFFECTIVE PRIMARY & SECONDARY HEALTHCARE ECOSYSTEM – ROAD AHEAD

Padma Jaiswal
Secretary, Directorate of Information Technology
Government of Puducherry

There is a lot of scope of PPP in healthcare as it is unexplored avenue. We don't have interoperability in healthcare in terms of data. India has tapped only 2 billion market out of a total of 200 billion healthcare market yet. In order to provide universal healthcare, this gap needs to be filled up by private sectors, NGOs, and startups which will help to leverage technology and innovations to improve care.

Kethosituo Sekhose
Deputy Resident Commissioner
Nagaland House (Delhi), Government of Nagaland

Nagaland healthcare system is at nascent stage. There is a huge scope of Public Private Partnership kind of infrastructural investment in the state. The Government is taking up infrastructural development issue on war footing. We have a 100-bed teaching hospital being constructed by the State. We are proposing another 400-bed teaching hospital which will be attached with upcoming only medical college in Nagaland.

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Arun Prakash
Commissioner
Agra Municipal Corporation & CEO
Agra Smart City Ltd

One of the purposals of smart city mission is to improve quality of life especially poor. At present, private out-of-pocket expenses on health comprises 64 percent of total health spending in India. Healthcare related expenses comprise medicine, diagnostics, and consultations. We will be establishing 10 smart health centres across city in partnership. It will provide 74 diagnostics on CGHS rates.

Prof (Dr) D K Singh
Director
RIMS Ranchi

Today, private sector is treating India and Government sector is treating Bharat. But it should not be like this. Trust building is need of the hour. Onus is on both sides to work in this direction. Participation should be in fair manner. There should be handholding in case of such requirement for overall improvement of healthcare delivery system.

Kuldeep Singh Thakur
Joint Resident Commissioner
Government of Andaman and Nicobar

In Andaman and Nicobar, 99 percent of the health amenities has been covered by Andaman government and one percent covered by private hospitals in which we are providing out all services free to the islanders. And people from West Bengal and Orissa are coming for their healthcare treatment in Andaman and Nicobar and getting free of cost treatment there.

Developing Healthcare Infrastructure through Innovation: HSCC

Gyanesh Pandey
Managing Director
HSCC (India) Ltd

We have developed more than 100-150 hospitals in India and neighbouring countries. In recent years, we have added IT component in developing healthcare infrastructure. Technology coupled with innovative practices lead to enriched healthcare experience today. Major issue in implementation of eHealth in India is adoptability. Hospitals have complete digital infrastructure including PAC, HIMS, and queue management system, but staff are averse to use it.

DASTAK Project in UP

Dr Vikasendu Agrawal
Joint Director / State Surveillance Officer, Integrated Disease Surveillance Programme (IDSP), Directorate of Medical and Health Services, Govt. of Uttar Pradesh

In last two years, we have made tremendous success in Acute Encephalitis Syndrome (AES) front and it is attributed primarily to Dastak Programme. There is no vaccine available for AES against any of the causative agents except Japanese Encephalitis. Seven districts of Basti and Gorakhpur divisions were badly hit by the disease. We took number of measures under the programme including state specific guidelines, demarcated inter department activities, strengthened health facilities, and development of ICT and training materials.

Re-Imagining Chronic Disease Management Through Digital Therapies

Tejas Bhatt
Vice President
Clinic & Hospital System
Wealthy Therapeutics

Wealthy Therapeutics is chronic disease management platform. We are a therapeutic company, which produces sustained and irreversible change in patients who suffer from chronic diseases. There is a dichotomy i.e urban areas have oversupply of doctors while smaller towns face crunch. We work on patients' self care behaviour. We have three packages for remote care including heart care.

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'Digitizing Indian Healthcare with zero behavioral change of Doctors'

Sanchit Singhal
Vice President-Business, MedTrail Technologies

MedTrail is a technology startup with network of 1500 doctors pan India who uses our products at their clinics and hospitals. We have built smart assistant of doctors who work in virtual manner. Whatever doctors write, the tool keeps on digitalizing and analyzing it in order to provide them most useful insight. We build products that cause zero behavioral change.

Connected health — Future is here

Shalabh Dang
Head-Domestic Sales
Fortis Healthcare

Rising healthcare cost, chronic diseases, increasing no of aged person across globe, and awareness, have been a major challenges and in turn an apt opportunity for stakeholders in healthcare field. Insurance is another challenging area as its penetration is very low. Point of care and technology, both put together can be advantageous to patients. They will have comfort at home as all the data will be integrated with data algorithm in place.

Modernizing Healthcare Trend in Nepal through Innovation

Manish Khemka
Executive Director
Norvic International Hospital

Disruptive innovations have become new buzzword in healthcare world. New developments are happening in the area of artificial intelligence, immunotherapy, 3D printing and social media. These are future of healthcare in every parts of the world. With the objective to provide basic quality health facilities to people of Nepal, we started our journey. As Nepal doesn't fare good in terms of infrastructure, the country offers huge opportunity to stakeholders in terms of making people available quality care.

How Inspira's Digital Health Mission Driving Towards Population Health Management

Sandeep Jha
Vice President
Digital Healthcare, Inspira Enterprise India Pvt. Ltd.

Inspira is a technology company, which was started 10 years back. We have always been a part of digital transformation and innovation in India. Whether it was banking or telecome revolution, we have played a big role. Around six years back, we started our digital health initiation. People are often found working in silos. There is nobody who owns everything. We are owning and driving it with great success. Started from Safdarjung, we have come a long way in our digital endeavour. We provide solutions to MCGM, which is Asia's largest municipal organisation. We are working on many Government projects as well.

IoT to Ensure Medication Adherence

K Durga Prasad
Director
Poornaananda Medecare Pvt Ltd

Adherence or compliance has been a major issue in healthcare. In India, 65-80 percent people are found to follow non-adherence. People don't remember to take medicine on time. Even if they take medicine, colour, shape, and size matter to them. We need some system in place which reminds them and keep nagging them on medication. Adherence includes medication, diet, and exercise.

Public private Partnership: A win win situation

Naresh Jain & Team
MD & CEO
Ziqitza Healthcare Ltd

Ziqitza Healthcare deals in emergency medical services. We are managing two verticals-PPP model and private one. It has been more than 10 years since we started company from Mumbai with one ambulance and small investment. Now we are providing ambulance services in more than seventeen states across country. We run various first aid programmes, ensuring people get trained in basic medical things like CPR in villages.

Leveraging New Age Technology & Innovation Like AI, IoT, Robotics, ML for ensuring Quality & Affordable Healthcare: Challenges & Opportunities

Dr Aloke Mullick
Group Chief Executive Officer
Omni Hospitals

Healthcare industry is on the cusp of getting disrupted by advanced technology. It has proved crucial in transforming delivery of services in every field. Healthcare is only industry which has resisted the change and the reason being key stakeholder i.e doctors are averse for the same. We have all the ingredients available in India related with IT. Even majority of AI-ML algorithm related backend work is being done in India only.

Dr O P Yadava
Chief Executive Officer
National Heart Institute

Medicine is not a precise science. In fact it is an art. Algorithmic protocols don't always take care of medical requirements. Technology has to have human interface. It changes in fast manner but custom, behaviour, and manner don't change. We work in vertical silos. We need to integrate laterally. Healthcare needs to integrate with engineering services. We seem to be failing on these activities therefore technology is not leading us where we should be.

Bomi Bhote
Chief Executive Officer
Ruby Hall Clinic

IT has just bypassed the healthcare. There is big mismatch between the two and these two variants are dependent on patients. Finance affects clinical outcome. Ruby Hall Clinic and Bajaj finserv have come out with a model of pre financing and getting pre authorization done for all the customers of Bajaj.

Dr Shuchin Bajaj
Founder Director
Cygnus Hospital

We don't incentivise our doctors enough on preventive work. At the same time we grossly underestimate cost of the disease. We can't have affordable healthcare as long as we focus on sick care. Affordable healthcare can be achieved through gleaning of data. Apart from this, we need to explore other aspect of Ayushman Bharat like wellness centres. We do lots of outreach programmes and organise camps to make people aware to ensure their well-being.

Yateesh Wahal
Executive Director
Nayati Healthcare

Our journey started from Mathura. We are non clinicians who saw an opportunity after analyzing data of some patients. We started operating charitable camps in temple town of Badrinath where we found that 80 percent people having health issues belonging to non-metro cities. We have EMR implemented in our centres. Technology like AI and telemedicine has proved effective in augmenting patient care. But technology should be evaluated time to time as per requirements.

Gandharv Roy
Chief Operating Officer
MEDICA Super Specialty Hospital

AI-ML is extremely useful tool in healthcare. It has lots of scope. Huge amount of data is generated everyday which is crucial to provide predictive insight about diseases. It tells about what certain society will be exposed to. Healthcare is at transition phase where lots of things are happening. We need to integrate various applications to enrich experience.

Use of Emerging Technologies in Hospitals—Road Ahead

Amit Goel
Chief Information Officer
Metropolis Healthcare

Data privacy is certain set of principles that have been laid out in Justice Krishna Committee outcome. The bill has already been tabled and it will go to the select committee also. It says that ownership right of the data will be to customers. Interoperability is another important issue which holds significance in the wake of multiple hospitals chains and providers including public and private. Data leakage is another area which needs attention.

Shilpa Saxena
Chief Information Officer
Aakash Healthcare: Super Specialty Hospital

EMR is the first step to make a leap on digital front. It helps to capture hand written prescription to digital one. It is important as physical records may be lost due to many reasons including human negligence. Digital data can be transferred easily on real time basis which can be analysed and in turn helps doctors to take informed decisions. Adoption is another issue on this front. Instead of curative care, providers need to focus on preventive, predictive, and personalised care.

Viloo Williams
Chief Information Officer & Head-Digital Transformation, Sir H N Reliance Foundation Hospital & Research Centre

Massive amount of data is being created everyday in hospitals. How much of that is being converted into correct format and structured for proper analysis, that's more important. We only look for predictive and clinical side. What about administrative operational and financial analytics? There are so many indicators that are being used in the hospitals. Those indicators also need proper data.

Gunjan Kumar
Chief Information Officer & Head- New Initiatives
Regency Healthcare

Today we have all the technology available to realise all our innovative needs. The only differentiating factors are knowledge, ability to innovate, and your creativity to use technology. In the wake of EHR/EMR being implemented, patient data safety is a big issue, which needs to be worked out in meticulous manner.

Quality & Affordable Treatment:
Challenges & Opportunities

Dr Somesh Mittal
Managing Director & Chief Executive Officer
Vikram Hospital

There has been a lot of restrictions, sanctions and reductions on the bill of consumables and drugs which is leading to eroding of margins. What was there as a profitability for a hospital, expects similar amount of returns as well. Therefore the new wave of innovative change in healthcare is bringing in new thoughts of how to make it sustainable without any compromises.

Dr Rakesh Gupta
Chairman
Sarvodaya Hospital & Research Centre

The question of affordability is well defined in terms of it relativity. For those people, who have enough money, the cost doesn't matter. But for those who don't have enough money, anything become costly or relatively costly for them. In healthcare segment, affordability comes from two different ways. For example, in our area, 1/3rd of the clientele is state funded and another segment of 1/3rd is intelligent enough to pay for themselves, and for the rest the real question of affordability comes in. For them it is an unplanned expenditure.

Dr Param Hans Mishra
Group CEO
Kailash Hospital

Talking about affordability in healthcare, I believe that the Government has revitalized this sector by bringing in the scheme like Ayushman Bharat. To a large extent he has solved the issue of affordability in availing healthcare services at large. Almost 40 crore people have been included in this scheme.

Dr Chandrashekhar T
Director
P D Hinduja Sindhi Hospital

Sustainability is actually the need of the hour and so we need to aim primarily at the sustainability of the hospital services. After sustainability we go for the quality. We tend to ensure that multi-skilling is happened at all the segments of our hospital. We limit ourselves to secondary care only and don't jump upon the tertiary care and instead send those cases to the tertiary care centre.

Next Gen Technologies for Hospitals

Dr Ajay Sharma
Founder & CMD
Sheetla Hospital and Eye Institute Pvt Ltd

Talking about cost-cutting, I aim for that technology which would help increase my revenue. Certain things which we did in our hospital on technology front include changing the software. We came with cloud-based software. We were using a very bulky HMS prior. There were lots of issues on front of reports and MIS. With that objective, we leveraged extensive use of updated technologies.

Dr Rajkumar Mani
Medical Director
Batra Hospitals & Medical Research Centre

Technology is counted as extremely crucial for a good delivery and to ensure outcomes on various front. One of it is 'Patient Outcome,' which is ensuring quality. But there are others factors too apart from just recovery and rehabilitation of the patient. It's also the waiting time which is also comfort to the family, documentation, etc and all these things are enable by judicious use of technology.

Neeraj Lal
Vice President
Cluster Head, Rainbow Childrens Hospital

In Bangaluru, we have put into use some smart technology for ease of patients. We have provided a 4-point care to the patients where we have provided them 4 buttons so that they can call for anything urgent like housekeeping services or anything else. This way we could see a time save of over 33% within our staff work.

Huzefa T Merchant
Head IT
Saifee Hospital

Technology has always been around and proved pivotal in enhancing quality of care that we have been providing to the patients. Be it a simple ventilator machine or an advanced biomedical machine, and the kind of analytics it used to give it to us some 15 years back as compared to today, one can easily see the paradigm being shifted.

Dr Sunil Malhotra
Medical Director
Bhagwaan Mahaveer Hospital

We have been using technology not only in enhancing operations at hospitals but in various diagnostic centres in Haryana. Resource crunch was major issue. Radiologist seeking for the same within the same city was a very big task. So, we connected all the diagnostic centres. Moreover, we have a common pool of 900 radiologists across Haryana and Dehradun combined.

Dr Sourabh Chaudhary
Director
Vinayak Hospital

I think judicious use of technology is a must. Required human intervention should always be there. Relying just on technology, we shouldn't forget the clinical aspects. Being a physician myself, I think interpretation and AI are both separate aspects. Clinical aspect plays utmost important role. Role of technology should be of value additions to the health setup.

Dr Kuldeep Singh Martolia
Officer Incharge IT of National Health Mission, Government of Uttarakhand

At present, we are working towards creating a sound data base and on basis of that we are trying to walk upon the equity index. Most of the times, what happens in any country or state; we get very happy seeing few parameters decreasing, such as MMR or the IMR. But we tend to forget on screening small pockets where we see change not taking place. So, on basis of that equity index, we can focus upon the less vigilant areas; say for instance the issues prevailing in slums.

Dr Sandeep Chatrath
Regional CEO & Medical Director Metro Group of Hospitals

Technology is something which cannot overpower human intelligence and is a tool which has to be used judiciously. We have been using i-pads especially for capturing patients' feedbacks and that is one area where we have found technology to be very useful. It helps in real-time capturing of patient's feedback. With the help of AI we are able to predict the spread of Ibola virus before it spreads in a manner like plague.

Dr Shailesh Jain
Director, Universal Hospital

Talking about technological advancement, it cannot replace the doctor and patient relationship. For example: in my hospital we have a hospital management system (HMS); if the hemoglobin is coming less than 8, the software immediately sends it to the consultant in order to inform that the hemoglobin is less than the usual range. So this is how doctors are making great use of technology in healthcare.

Improving Patient Safety and Healthcare Quality through Health Information Technology

Prashant Vashisht
Group Head It
QRG Health City

Digitsation is need of the hour, which plays an important role in saving a patient's life. If you look at examples from other countries, they have already adopted this transformation, so why can't we? This is the time I feel the government and stakeholders should go ahead and take steps required to roll out such massive step. Even in India, many hospitals are using it to save many lives.

Dr Suresh Kumar
Managing Director
Family Health Care Hospital

Dealing into the oncology department, we do require various facets of technology on daily basis to save chronic lives. If you begin from the investigative times, upto the treatment, we always require help from the technological department in treatments like biopsy, ultrasound guided, etc. Keeping the record of the patient and tracing the follow-up are very important. During treatment, we require all the records to be impacted and compact on one card system, as it helps to follow the patient properly and serve the community better.

Dr D K Gupta
Chairman & MD
Felix Hospital

Today's topic speaks about quality and safety. And there is a very high need of Information technology to assist us in both the areas; be it quality care and value for money. Regarding quality of our patient experience, IT is helping out from the very initial stage. Also, talking about quality of treatment, it depends upon what doctors prescribe if delivered in the same way or same manner.

Dr Suresh Bansal
Director
Bansal Global Hospital

Clinicians are busy in their part and IT has taken a major role in the healthcare industry. The IT has reduced the cost of the patient by minimizing extra expenses on other things. By minimizing treatment cost, we can reduce the paperwork and increase the administrative efficiency. So, IT is playing a big role today in overall healthcare transformation.

Dr Jyoti Yadav
Director
Kamla Hospital

When we talk about big hospitals in big cities, we have access to all the amenities like Wi-Fi. But, when we talk about little periphery in India, things are altogether very different. If you see my hospitals, there are always issues of either reception staff facing issues with softwares and data privacy and they have to run after the IT guys to sort the issue. As a nursing home, we have to manage cost and quality at the same time.

Prof Supten Sarbadhikari
Health Information Educationist

I think we are hearing a lot about SMART HOSPITALS, and by smart we mean safe; not just for the patient but also for doctors and healthcare personals. The other aspect should be GREEN, which means ecologically balanced and that also brings in the energy saving aspect as the max cost lays into the air conditioning system. Coming back to patient safety, EMR system is the way to go but when we put in data then data privacy becomes an issue there. Often some of the hospitals are also found saving the data in clouds.

Future of Robotics Surgery in India- Challenges & Scope

Dr Narmada Prasad Gupta

Chairaman- Kidney & Urology Institute
Medanta-The Medicity

Robotic surgery started during 2000s but its onset all over the world was very slow initially. In India the first 3 robots came in fields of cardiac surgery actually and they were very slow. Then in 2006, it was at All India Institute of Medical Science when I was the HOD, we decided to start the robotic surgery and therefore the main use of robotic surgery was started at AIIMS in year 2006 in urology.

Dr (Prof.) Anant Kumar

Chairman- Uro-Oncology Robotics & Kidney
Transplantation, Max Healthcare

Actually robotic surgery was an extension of minimal invasive surgery which was commonly known as laparoscopic surgery. Robotic surgery has huge applications in minimal invasive surgery as it comprises very small incision and patient recovery is faster. In robotic surgery we see better results; patients get discharged early from the hospitals.

Dr Ajit Saxena

Consultant- Institute of Robotics Surgery
Indraprastha Apollo Hospital

See robot is a very good instrument but it has some drawbacks as well. One of the main drawbacks is that you don't get a feel of the finger's tissue and that is called a haptive feedback, which is missing in case of robot. Fingers tell us a lot about the organ dissecting out. The main problem right now in India is the cost of the instrument. At the same time capital cost is very high and the recurring cost is even higher.

The impact of eHealth – The Apollo Story

Vikram Thaploo
CEO
Apollo TeleHealth

Talking about the genetics of tele-medicines, well, it's actually people and technology. It further talks about how we took it to the next level, what was the evolution, etc. Evolution probably was more driven by innovation, public health requirements and connected health. The future of tele-health includes lot of processes, lot of captive expansion, global expansion, etc. We have already touched more than 11 million lives with the help of tele-health services

Smart OPD:
Use Case presentation

Madhubala Radhakrishnan
Founder and President
mCURA Mobile Health Pvt. Ltd

In OPD, four major problems we always crib about; waiting time, multiple cues, punctuality issues with the doctors and the after consult proceedings. Technology can solve many operational issues by reducing the waiting time and also providing EMR service to the doctor. Now, how this EMR can be more interactive in patient as well as in doctor's life is what the question is.

Improving Patient Experience and Operational Efficiencies in Hospitals Leveraging Technology

Dr Santanu Chattopadhyay
Head of Hospital Business - 1mg Technologies Pvt Ltd

So, running a hospital isn't a child's play but there are basic two issues which have been prevalent from a very long time; one is the clinical adoption. Most of the times doctors find it very cumbersome--it take a lot of time and also it takes the focus away from patients as the eye contact is just lost. On the other hand if you go to a CEO, he will say it to be fine but he would expect you to tell him that what he will get in return. So, where is the financial value? Basically, our offerings not only make your clinicians adopt technology, but also achieve your business objective.

HEALTHCARE EXCELLANCE AWARDS

Dr Aditi Karad, Executive Director, Vishwaraj Hospital

Raju Venkatramana, MD & CEO, Medall Healthcare

Naresh Jain, MD & CEO, Ziqitza Healthcare Ltd

Dr Vikasendu Agrawal,Joint Director / State Surveillance Officer Government of Uttar Pradesh

Arun Prakash, Commissioner, Agra Municpial Corporation & CEO

Department of Health & Family Welfare, Government of Gujarat

Dr Yogesh Agarwal, Chairman, Nayati Healthcare

Department of Health & Family Welfare, Govt of Madhya Pradesh

elets ANNUAL
HEALTHcare
INNOVATION SUMMIT
10-11 DECEMBER 2019, NEW DELHI

HEALTHCARE EXCELLANCE AWARDS

Sandeep Jha, Vice President Digital Healthcare, Inspira Enterprise India Pvt Ltd

Manish Khemka, Executive Director, Norvic International Hospital

Dr Pankaj Gupta, Head Digital Health, Access Health International

Vikram Thaploo, CEO, Apollo TeleHealth

Dr Nandkumar Jairam, Chairman & Group MD, Columbia Asia Hospital

S Suresh Kumar, Joint secretary and Additional CEO, Government e-Marketplace (GeM), Ministry of Commerce & Industry, Govt of India

Dr Somesh Mittal, MD & CEO, Vikram Hospital

Awardees with Ashwini Kumar Choubey, MoS, Health, Govt of India

DIGNITARIES AND DELEGATES VISITING INNOVATION GALLERY

CONFERENCE REPORT

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eHealth Conferences Laying Roadmap of Transformation in Indian Healthcare

A Glimpse of eHealth Conferences in 2019

ELETS JHARKHAND HEALTHCARE SUMMIT, (AUGUST 2019)

Raghubar Das, the then Chief Minister of Jharkhand delivering speech

Eminent Dignitaries launching special issue of eHealth magazine

The then CM and Health Minister of Jharkhand inaugurating expo at Summit

Ramchandra Chandravanshi, the then Minister for Health, Medical Education & Family Welfare, Government of Jharkhand

Dr Vinod K Paul, Member, NITI Aayog, Government of India delivering speech

Dr Nitin Madan Kulkarni, Secretary, Department of Health, Medical Education & Family Welfare, Government of Jharkhand, delivering a speech

Expert discussing 'Best & Next Practices in States for Effective Public Healthcare Delivery' at Summit

ELETS HEALTHCARE INNOVATION SUMMIT,
CHENNAI (SEPTEMBER 2019)

Eminent Dignitaries including Anton Chernov, Deputy Consul General, Consulate of the Russian Federation in Chennai, Repubic of India Launching Special Issue of eHealth Magazine

Dr VS Raghunathan, Deputy Director General, NIC, delivering speech at the summit

Top Hospital's CXOs at the summit

ELETS HEALTHCARE INNOVATION SUMMIT,
MUMBAI (JUNE 2019)

Eminent Dignitaries including Sunil Kumar Bhushan, DDG and Head Health Sector, National Informatics Center launching eHealth magazine at Healthcare Innovation Summit, Mumbai

Top Hospital's CXOs at the summit.

Expo Gallery

ELETS HEALTHCARE INNOVATION SUMMIT,
BENGALURU (APRIL 2019)

Eminent Dignitaries including Shalini Rajneesh, Principal Secretary, Higher Education Department, Government of Karnataka launching eHealth magazine at Healthcare Innovation Summit, Bengaluru

Shalini Rajneesh, Principal Secretary for Planning, Programme Monitoring & Statistics Department, Governmrnt of Karnataka, delivering speech at the summit

Sunita Krishnan, Vice President - Digital Marketing & Products, MedikaBazaar delivering Industry Presention at the Summit

ELETS HEALTHCARE INNOVATION SUMMIT,
HYDERABAD (FEBRUARY 2019)

Dr A Ashok, Commissioner and Secretary, Board of Intermediate Education, Government of Telangana; and Dr Anuradha Medoju, Senior Regional Director, Andhra Pradesh and Telangana States, MHFW, GoI, Launching Special Issue of ehHealth Magazine

Top Hospital's CXOs at the summit.

Expo Gallery

Experts participating during a panel discussion on different facets of healthcare

Dr Anuradha Medoju, Senior Regional Director, Andhra Pradesh & Telangana State, Ministry of Health & Family Welfare, Government of India

Dr A Ashok, Commissioner of Intermediate Education, Government of Telangana

JVN Subramanyam, Mission director, NHM, Department of Health Medical & Family Welfare, Government of Assam

Awardees during photo-op at Summit

Dignitaries and Delegates visiting Innovation Gallery