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LIFE SCIENCES & HEALTHCARE
INNOVATION FORUM

Redefining The Healthcare Landscape
The Digital Shift

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EVENT SYNOPSIS

The sixth edition of the Lifesciences & Healthcare Innovation Forum (LHIF) was held on 19th September, 2019 at The Leela Palace, Bengaluru, which saw some of the region's most prolific leaders and decision makers in healthcare, medicine and technology converge and discuss the way ahead for India's healthcare industry.

From left: Sanjeev Malhotra, CEO, NASSCOM Center of Excellence; Gagan Singh, Managing Director, AstraZeneca Pharma India Pvt. Ltd.; Niclas Jacobson, Min. of Health & Social Affairs, Govt of Sweden ; Nalinikanth Gollagunta, President & CEO, GE Healthcare South Asia and Raghuram Janapareddy, Director, Life Sciences & Healthcare, NASSCOM CoE

With a billion-dollar opportunity at hand and a billion-strong population waiting to witness the next wave of innovation in healthcare, LHIF presents the largest collaborative platform in India to bring together the biggest stakeholders in policy, industry, innovation and technology to deliver a comprehensive impact on healthcare.

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KEY NOTES

The event began with keynotes delivered by: Dr. Devi Shetty, Chairman & Executive Director, Narayana Health; Nalinikanth Gollagunta, President & CEO, GE Healthcare South Asia & MD, Wipro GE Healthcare; Gagan Singh, Managing Director, AstraZeneca Pharma India Ltd ; and Niclas Jacobsen, Deputy Director General & Head of Division for EU & International Affairs, Ministry of Health & Social Affairs, Government of Sweden.

Dr Devi Prasad Shetty spoke extensively of the availability of medical data in India, and how this data should be responsibly used for the betterment of AI, which can have a profound impact on healthcare delivery systems, prognosis, diagnosis and treatment. Worldwide there is a loss of about $3 trillion USD due to errors in medical reporting. This is also the third leading cause of deaths in the world. With 70 million diabetics in India, we are the diabetic capital of the world. A learning curve of 14 years to train a Diabetologist. With only about 600 of them available in India, tech interventions is necessary to overcome the capacity constraint.

DR DEVI PRASAD SHETTY
Chairman & Founder, Narayana Health

> " AI won't replace doctors,
> doctors who do not use AI will get replaced. "

As a leader in the med-tech industry, GE Healthcare is at the forefront of driving precision health. Nalinikanth Gollagunta took the opportunity to speak about the extent of challenges that exist in healthcare, the emergence of non-traditional players disrupting conventional healthcare value-chains with his statement that "Unicorns and Gorillas are on the prowl." He emphasized on "Software eats Hardware" seeing as to how AI &ML plugins today can be bundled with existing and new medical devices. Stressing on the need to innovate on Genomics based Precision medicine, he talked about next-gen Gene sequencing and editing. Prioritize on health, choose simpler but specific problems in the spectrum, invest wisely in ecosystem partners that can deliver value and pursue scalable data platforms.

NALINIKANTH GOLLAGUNTA
President & CEO,
GE Healthcare South Asia & MD,
Wipro GE Healthcare

> " Prioritize on health, choose specific challenges,
> invest in partners and pursue scalable data platforms. "

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KEY NOTES

Gagan Singh, Managing Director, AstraZeneca Pharma India Ltd

Gagan Singhshared that both NASSCOM and AstraZeneca are committed to strengthening their collaboration towards driving the digital healthcare agenda. This partnership would focus on healthcare delivery interventions via digital technologies and collaboration towards Healthcare Innovation Centers showcasing the impact of such solutions across the patient journey, from early diagnosis, to treatment and wellness. NASSCOM & AstraZeneca's have an existing partnership under the iDREAM programme – a health tech start-up accelerator programme and incubation centre in Bengaluru that supports start-ups in bringing innovative and frugal solutions that can help in the management of NCDs in India and beyond.

> " Committed to strengthen collaboration with NASSCOM to drive digital healthcare agenda "

On 7th September'19, AstraZeneca led a delegation of senior leaders from AstraZeneca and NASSCOM to Wuxi City in Jiangsu province, China, to study the set up and governance of the Healthcare IOT Innovation Centre there. Singh emphasized on the growth of China as a healthcare destination in Asia, and how India could largely benefit from matching its synergies to its Far Eastern counterpart for delivering better healthcare delivery models.

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KEY NOTES

NICLAS JACOBSON
Deputy Director General & Head of Division for EU & International
Affairs, Ministry of Health & Social Affairs, Government of Sweden

As a leader in healthcare research and geriatric care, Sweden has a lot of provide to India's growing healthcare ecosystem. Niclas Jacobsen spoke about Sweden's efforts in setting an example for quality healthcare across the spectrum in Europe, and how a decade-long fruitful relationship with India could additionally translate into the healthcare domain as well.

> " Decade-long fruitful relationship with India could extend into healthcare as well. "

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PANEL DISCUSSION: 1

MAKING A SOCIETAL IMPACT THROUGH HEALTH–TECH

The panelists spoke at length about how policy-makers remain the front & center of decision-making, and their buy-in is critical to mobilise the industry. Specifically, Dr. Ramanathan Sethuraman of Intel & Mallari Kulkarni of Dell discussed about delivering impact on ground through health-tech initiatives propagated by Dell & Intel.

Mr. Siva Padmanabhan, MD, AstraZeneca India Pvt Ltd (Moderator)

Dr. Ramanathan Sethuraman, Strategist, Emerging Business, Intel

Mr. Mallari Kulkarni, Head of Engineering, Healthcare Solutions, Dell Technologies

Dr. Uma Nambiar, Advisor, Track4Infotec

Mr. Sameer Sawarkar, CEO, Neursynaptic

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PANEL DISCUSSION: 2

IMPACT OF MED–TECH INNOVATION ON UNIVERSAL HEALTHCARE

Mr. Ishaq Quadri, Secretary, HIMSS APAC India Chapter (Moderator)

Mr. Dileep Mangsuli, CTO, GE Healthcare

Mr. Nagaraj Bhat, IT Director, Baxter

Mr. Sojwal Vora, Chief Procurement Officer, Manipal Hospitals

Mr. Kedar Medhi, Director, Phillips Healthworks

This panel extensively discussed around innovation in medical technology. Quoting examples of Uber, Facebook, Airbnb, they deliberated on non-med technology companies to revolutionize healthcare. Value care with outcome-based payment could be the new mantra of the provider. Transitioning to a two-way, Tele-medicine was touched up on. The panelists also made suggestions for collaboration on the lines whereGE Healthcare's Edison[X] can be an equitable platform for startups to ride their solutions on. Startups can hold on to their IP and benefit by a robust cybersecurity platform for their delivery besides facilitation to market access. Discussions was centered on the challenges for Innovators in the form of regulations, data-burden, laws for remote-monitoring, protocol practices for adoption of standards and inter-operability, investor pressure for faster market penetration.

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PANEL DISCUSSION: 3

THE DIGITAL DOCTOR –
THE FUTURE PERSPECTIVE

Dr. Arvind Kasargod, Group Medical Director, Cloudnine Group of Hospital

Dr. Anoop Amarnath, Chief of Clinical Services, Manipal Health

Dr. Aruna Ramesh, HoD Emergency Medicine & Professor, Ramaiah Medical College

Dr. Sunita Maheshwari, Chief Dreamer, Telerad Group

Dr. Gunda Srinivas, Clinical Strategy Lead, M-Fine

This was an all-doctors panel and a revelation on how they deal with digital technologies as well as the challenges of integrating technology solutions. In clinical medicine, accuracy and utility is very important. Devices like a digital stethoscope can be valuable where an echoreading is recorded and played back for accurate diagnosis. Similarly, an AI algorithm for diagnosis of early sepsis can be life-saving for a pregnant woman. Standardized care protocol with hardened AI-based training programs in an ER scenario can prevent tragedies. Globally, about 20 million radiograph reports are inaccurate. AI solutions with the right annotations could be highly effective in minimizing errors. Queries on Doctor burnoutwas raised, to which the unanimous response was that in India, doctor's burnout was due to high demand, not tech-usage. The present education system needs to incorporate technology as part of the curriculum. Pay-for-performance should be encouraged and linked to the morbidity & mortality rates. Processes should not be punitive as the supply of qualified medical staff is very low.

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Industry Success Stories In Digital Adoption

Mr. ChandraMouli, Chief Information Technology Officer at Sankara Nethralaya Medical Research Foundation filled in a critical gap that exists in healthcare technology by presenting use cases of industry adoption, and essentially conveying to the delegates the infinite possibilities emerging from technology, and the realtime impact on healthcare challenges.

Cloud Computing In Healthcare & Lifesciences – Amazon Internet Services

Digbijoy Shukla, Head of Startup Ecosystem, India – Amazon Internet Services spoke about the shift in business models today thanks to cloud services, and the benefits of data-rich industries & sectors like healthcare adopting versatile cloud offerings, allowing them to work with multiple stakeholders.

Building a Unified Digital Health Platform for Universal Health Coverage

Dr.Pankaj Gupta, Head of Digital Health – ACCESS Health International, discussed how IT was playing a pivotal role in the success & reach of nationalized healthcare schemes like Ayushman Bharat, and the applicability of scalable IT solutions is what healthcare needs for it to go the extra mile.

Healthcare Trends at a Glance

Mr.Gaurav Vasu, Founder, Unearthinsight, shed light on what to expect in the coming months in the sector and the biggest healthcare trends for 2019.

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INDUSTRY ROUNDTABLE

Preview of Healthcare Industry and Technology in India

The healthcare sector has been a slow adopter of technology due to complex nature in India. The industry is becoming more distributed because digital technology becoming more affordable and accessible. Healthcare providers, to thrive in this environment, must be willing to look to the future and embrace change.

In the last couple of years, the industry is being disrupted by digitisation in the quest to focus on enhanced customer experience and CEOs and boards are taking notice. The benefits of the cloud, data and mobile technologies has brought about a fundamental mindset change in the healthcare as they now shift from a volume-based to a value-based approach.

The industry now needs better strategies to keep costs low, while also driving engagement and transparency up, through carefully planned record management. Digital capability will improve profitability by boosting productivity and efficiency, also support an overall better standard of care, which meets customer and patient expectations by being personal, responsive, and completely future proof.

The industry roundtable was attended by:

- DileepMangsuli, CTO, GE Healthcare
- Gagan Singh Bedi, MD AstraZeneca Pharma India
- Dr Vidur Mahajan, Mahajan Imaging
- Dr Arvind Kasargod, Group Medical Director, Cloudnine Group of Hospitals
- Dr Pankaj Gupta, Head of Digital Health, Access Health International
- Gaurav Vasu, Founder, UnearthInsight
- Siddhartha Bhattacharya, NatHealth
- Dr Anoop Amarnath, Chief of Clinical Services Manipal Health
- Ishaq Quadri, Secretary, HIMSS APAC India Chapter
- Sojwal Vora, Chief Procurement Officer, Manipal Hospitals
- Dr Monica Sood Bhatia
- Kiran Anandampillai
- Chandra Mouli, Chief Information Technology Officer, Sankara Nethralaya Medical Research
- Sanjeev Malhotra, CEO, NASSCOM COE
- Raghuram Janapareddy, Director of Life Sciences & Healthcare, NASSCOM COE

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The Numbers That Matter

Exhibitor Booths **12**

LHIF Innovation Awards Winners **06**

Industry Roundtable Participants **17**

Speakers **30**

Delegates 300+

23 Doctors

06 Medical Device & Pharma Companies

14 Hospitals

85 Startups

48 Tech Enterprises & Others

What The Media Says

BIOSPECTRUM
AstraZeneca strengthens partnership with NASSCOM to fight NCDs

PHARMABIZ
Data storage of health records will change the patient care paradigm: Gagan Singh Bedi

Outlook
Nasscom inks pact with China's I-Campus for healthcare innovation

ET HealthWorld
Nasscom inks pact with China's I-Campus for healthcare innovation

DAILYHUNT
AstraZeneca and NASSCOM collaborates for digital solution of Non-Communicable Diseases in India

Express Healthcare
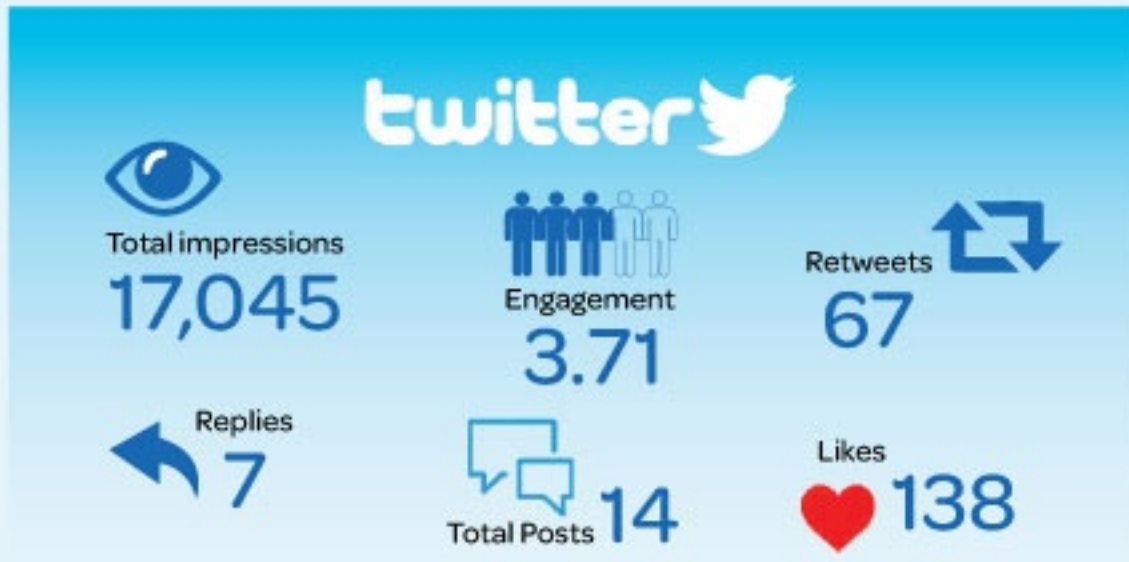NASSCOM AstraZeneca strengthen collaboration towards driving digital healthcare

Devdiscourse
Nasscom inks pact with China's I-Campus for healthcare innovation

Business Standard
Nasscom inks pact with China's I-Campus for healthcare innovation

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SOCIAL MEDIA FOOTPRINT

twitter

Total impressions
17,045

Engagement
3.71

Retweets
67

Replies
7

Total Posts **14**

Likes
138

facebook

Post Reach
247

5
Post Engagement

in

Post Reach
1074

30
Post Engagement

Tracking #LHIF across all social media platforms on event day

Reach
44191

Timeline Deliveries
74692

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Industry Buzz on #LHIF

Dr. Devi Prasad Shetty, *Chairman & Founder, Narayana Health*

"LHIF is a great opportunity for entrepreneurs in digital healthcare, for providers like us to present our pain-points & requirements, and industry to provide their cooperation so they can come up with world-class products. It's a great opportunity for India to get into digital heath and look at the world as a market."

Nalinikanth Gollagunta, *President & CEO, GE Healthcare South Asia & MD, Wipro GE Healthcare*

"LHIF is a great platform to bring different parts of the industry together. We believe startups, pharma companies, other medtech companies and policy makers should come together and innovate across the platform, not work in silos. Our partnership with NASSCOM is a broader vision to be part of the innovation ecosystem in the country and LHIF is part of this vision."

Dr. Aravind Kasargod, *GMD, Cloudnine Group of Hospitals*

"I'm extremely happy to see that meetings that we used to have about this forum has grown from two people talking across a table to 200 people discussing pressing healthcare issues in a hall!"

Gagan Singh, *Managing Director, AstraZeneca Pharma India Pvt Ltd.*

"Congratulations for putting a health forum like LHIF together. It's a great platform. Like you, our initiative iDream is also intended to bring partners together to solve the challenges in healthcare today and tomorrow."

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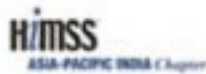
Our Healthcare and Lifesciences Strategic Partners

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Team #LHIF

For queries, please write to LHIF@nasscom.in

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