

**IIHMR UNIVERSITY, JAIPUR**  
**EVENT OUTCOME REPORT**  
**Master Class Episode 29**

“Master Class Episode 29”
<b>Topic:</b> - What's driving the Future of Digital Health
<b>Date:</b> 3 <sup>rd</sup> April 2021 from 10.30 AM to 11:30 AM
<b>Venue:</b> - IIHMR University, Jaipur
<b>Speaker:</b> - Dr. Fahad Mustafa Khan, Senior Consultant, eHealth NSW Health, Australia & Mr. Niladri Majumdar, Clinical Data Analytics & Implementation Lead, University
<b>Number of participants:</b> - 95
<b>Introduction:</b> - This session featured: Dr. Fahad Mustafa Khan, Senior Consultant, eHealth NSW Health, Australia & Mr. Niladri Majumdar, Clinical Data Analytics & Implementation Lead, University. The event was moderated by Dr. Shiv K Tripathi, Dean Training, IIHMR University, Jaipur and the Session was welcomed by Dr. P.R. Sodani, President (Officiating), IIHMR University, Jaipur.
<b>Objective:</b> The primary objective of this topic is to explore the key forces, technologies, and innovations shaping the evolution of digital health and to understand how they are transforming patient care, healthcare delivery, and medical research. It aims to highlight the strategic, clinical, and technological dimensions that are accelerating the digital transformation of the healthcare ecosystem.
<b>Salient Novel Points Covered:</b>  The future of digital health is being shaped by cutting-edge technologies, evolving patient expectations, and data-driven innovation. <ol style="list-style-type: none"><li>1. Rise of AI-Driven Clinical Decision Support<ul style="list-style-type: none"><li>• Artificial Intelligence (AI) is enabling faster, more accurate diagnostics through image recognition, predictive modeling, and decision support systems.</li><li>• AI helps physicians personalize treatment plans and detect patterns from vast amounts of health data.</li></ul></li><li>2. Expansion of Remote Patient Monitoring and Wearables<ul style="list-style-type: none"><li>• Smartwatches, biosensors, and wearable devices now continuously monitor vital signs, sending real-time data to providers.</li><li>• Helps in managing chronic diseases, post-operative recovery, and elderly care from home.</li></ul></li><li>3. Growth of Digital Therapeutics (DTx)<ul style="list-style-type: none"><li>• Software-based therapies are being used to treat or manage diseases (e.g., mental health, diabetes, addiction) alongside or instead of medications.</li><li>• Offers evidence-based, non-invasive solutions for a wide range of health conditions.</li></ul></li></ol>

## Role:

The topic plays a pivotal role in understanding and shaping the transformation of global healthcare systems through technology. It addresses the core drivers and enablers that are redefining the way healthcare is delivered, accessed, and experienced by patients and professionals alike.

### 1. Role in Raising Awareness and Strategic Vision

- Highlights the key forces such as AI, IoT, big data, and mobile health that are influencing the future of healthcare.
- Encourages healthcare leaders and policymakers to align their strategies with emerging trends.

### 2. Role in Empowering Personalized & Predictive Medicine

- Demonstrates how data analytics and digital tools are enabling tailored treatments based on individual needs.
- Drives the shift from reactive care to proactive, predictive, and preventive care models.

### 3. Role in Improving Access and Equity

- Telehealth, mobile apps, and virtual platforms help bridge geographical and socioeconomic gaps in care delivery.
- Supports inclusive healthcare models that reach underserved and rural populations.

### 4. Role in Accelerating Innovation and Research

- Facilitates rapid development and testing of medical solutions through digital simulations, remote trials, and real-world data.
- Encourages collaboration between clinicians, technologists, and startups.

## Challenges and Opportunities:

### Challenges

#### 1. Data Privacy and Security Concerns

- Handling large volumes of sensitive patient data raises risks of **data breaches, hacking, and identity theft**.
- Compliance with **regulatory standards** like HIPAA, GDPR, and local data protection laws is complex and costly.

#### 2. Digital Divide and Health Equity

- **Unequal access to digital tools**, smartphones, or internet connectivity affects rural and underprivileged populations.
- Risk of **widening health disparities** if digital solutions are not inclusive.

### Opportunities

#### 1. Empowered and Informed Patients

- Digital tools enable patients to **track their health, manage conditions**, and engage more actively in their care.
- Greater **transparency and convenience** in healthcare interactions.

#### 2. Improved Access to Care via Telemedicine

- **Remote consultations and diagnostics** increase access for people in remote, underserved, or pandemic-affected areas.
- Reduces **travel time, wait times, and costs** for both patients and providers.

### Q &A and Interactive Discussion:

An interactive session on What's driving the Future of Digital Health was engaging, informative, and participatory to keep the audience involved while delivering valuable insights.

### Future Scope:

The future of digital health is poised to radically transform the healthcare ecosystem by leveraging technology, data, and innovation to build smarter, personalized, and more accessible healthcare systems.

**IIHMR UNIVERSITY**

*Master Class*  
Episode 29

## WHAT'S DRIVING THE FUTURE OF DIGITAL HEALTH

**Saturday, April 03, 2021**  
10:30 AM to 11:30 AM (INDIA)

**SPEAKER**  
Dr. Fahad Mustafa Khan  
Senior Consultant,  
eHealth NSW Health, Australia

**SPEAKER**  
Mr. Niladri Majumder  
Clinical Data Analytics  
& Implementation  
Lead, University Health Network  
, Toronto, Canada,  
Digital Health Expert WHO

**WELCOME**  
Dr. P.R. Sodani  
President (Officiating)  
IIHMR University, Jaipur

**MODERATOR**  
Dr. Shiv K Tripathi  
Dean Training  
IIHMR University, Jaipur

On **zoom**

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