

IIHMR UNIVERSITY, JAIPUR
EVENT OUTCOME REPORT
Master Class Episode 7

“Master Class Episode 7”
Topic: - Preparedness of Hospitals for Pandemics and Future Expected Pandemics
Date: 3 rd November 2020 from 05:00 PM to 06:00 PM
Venue: - IIHMR University, Jaipur
Speaker: - Mr. Joy Chakraborty, COO, PD Hinduja Hospital, Mumbai, Maharashtra, India
Number of participants: - 132
Introduction: - This session featured: Mr. Joy Chakraborty, COO, PD Hinduja Hospital, Mumbai, Maharashtra, India. The event was moderated by Dr Ashok Kaushik, Professor, Academic Advisor, IIHMR University, Jaipur, and the Session was welcomed by Dr. P. R. Sodani, President (officiating), IIHMR University, Jaipur.
Objective: The primary objective of hospital preparedness for pandemics and future expected pandemics is to strengthen the healthcare system's capacity to effectively respond to large-scale infectious disease outbreaks, ensuring continuity of care, minimizing morbidity and mortality, and protecting healthcare workers and patients.
Salient Novel Points Covered: Salient Novel Points of Preparedness of Hospitals for Pandemics and Future Expected Pandemics. Development of hospital-specific pandemic preparedness plans aligned with national and global health guidelines (e.g., WHO, CDC), incorporating real-time risk assessment and scenario-based planning. Creation of flexible, modular hospital spaces that can be rapidly converted into isolation wards with separate air handling systems and infection containment protocols. Leveraging telehealth platforms to manage non-critical patients remotely, thus reducing hospital burden and risk of cross-infection. Use of artificial intelligence and data analytics for early detection, demand forecasting (e.g., ICU beds, oxygen), and resource allocation during surges.
Role: Preparedness of hospitals plays a pivotal role in the healthcare system's ability to effectively manage and mitigate the impact of pandemics. The role extends beyond emergency response—it encompasses planning, prevention, capacity building, and system resilience.

Challenges and Opportunities:

Challenges:

1. Infrastructure Limitations
 - Many hospitals lack the physical space, ICU beds, negative pressure rooms, and isolation wards needed for pandemic-level surges.
2. Workforce Shortages
 - Insufficient numbers of trained healthcare workers, compounded by burnout and mental stress during prolonged pandemics.
3. Inadequate Emergency Planning
 - Lack of comprehensive and regularly updated pandemic preparedness plans in many healthcare institutions.
4. Limited Supplies and Supply Chain Vulnerability
 - Dependence on external or international sources for PPE, ventilators, and critical medicines can cause delays during global crises.

Opportunities:

1. Advancing Telemedicine and Digital Tools
 - Expanding virtual care and remote monitoring to manage patients efficiently and reduce hospital burden.
2. Investing in Infrastructure and Surge Capacity
 - Modernizing hospitals with scalable facilities, modular ICUs, and better infection control systems.
3. Workforce Training and Cross-Skilling
 - Developing multi-skilled healthcare teams capable of flexible roles during emergencies.
4. Strengthening Local Supply Chains
 - Promoting local manufacturing and stockpiling of critical medical equipment and supplies.

Q &A and Interactive Discussion:

An interactive session on “Preparedness of Hospitals for Pandemics and Future Expected Pandemics” was engaging, informative, and participatory to keep the audience involved while delivering valuable insights.

Future Scope:

The future of hospital preparedness is focused on building resilient, technology-enabled, and responsive health systems that can effectively manage pandemics and other large-scale emergencies.

Appropriate caption for the webinar:

Building Resilient Hospitals: Strategies for Pandemic Preparedness and Beyond
Hospital Readiness in the Face of Pandemics: Lessons, Innovations, and the Road Ahead
Pandemic-Ready Hospitals: Ensuring Safety, Continuity, and Resilience in Healthcare



Master Class
Episode 07



Preparedness of Hospitals for Pandemics and Future Expected Pandemics

Tuesday, November 03, 2020

05:00 PM - 06:00 PM (INDIA)



SPEAKER
Mr. Jay Chakraborty
Chief Operating Officer
F O Group Hospital, Mumbai



WELCOME
Dr. P. R. Soodani
President (Offending)
IIHMR University, Ahmed



MODERATOR
Dr. Ashok Kaushik
Professor, HealthCare Admin
IIHMR University, Ahmed

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