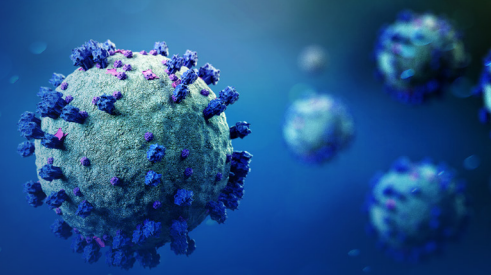


A COVID-19 PANDEMIC COMPREHENSIVE UPDATE FOR HOSPITALS AND CLINICIANS

A Virtual and Interactive Learning Experience



AGENDA

Module 1: Foundational Science of COVID-19

1. Reflections from the President of the Johns Hopkins Hospital: Redonda Miller
2. Biology of SARs-CoV-2 virus: Jonathan Zenilman
3. Epidemiology of COVID-19: Lauren Gardner
4. Health Care Disparities During a Pandemic: Nadia Hansel

Module 2: Clinical Diagnostics of COVID-19

1. Clinical Presentation of the COVID-19 Patient: Natalie West
2. Establishing a Diagnosis: Heba Mostafa
3. Imaging of the COVID-19 patient: Pamela Johnson
4. Patient Triage Using Point of Care Ultrasound: Tiffany Fong

Module 3: Investigational Therapies for COVID-19

1. Clinical and Research Equipose during the COVID-19 Pandemic: Mark Anderson
2. Overview of Anti-virals agents: Christopher Hoffmann
3. Is there a role for Anti-inflammatory agents: William Checkley
4. Convalescent Plasma: Shmuel Shoham
5. Vaccine development: Paul Auwaerter

Module 4: Hospital Personnel Preparedness

1. The Role of Hospital Epidemiology and Infection Control during a Pandemic: Lisa Maragakis
2. PPE use and preservation: Valeria Fabre
3. Donning and Doffing: Brian Garibaldi
4. Management of Exposed Healthcare Workers: Bimal Ashar
5. Staff well-being: Cynthia Rand

Module 5: Hospital Preparedness

1. Crisis Management and Effective Hospital Communication during a Pandemic: Peter Hill
2. Emergency Department Preparations in the COVID-19 era: Junaid Razzak
3. Development of a testing and triage program: Sara Keller
4. Design of the COVID-19 medical floor: Carrie Herzke
5. Design of the COVID-19 ICU ward: David Hager
6. Setting up a field hospital: Jim Ficke
7. De-escalation and return to the new normal: Scott Stephens
8. Documentation and billing: Andrew Hughes

Module 6: Hospital Resources

1. Unit staffing and Redeployment of the medical workforce: Henry Fessler
2. Unique teams – housestaff restructuring, procedures, airway, proning and strike teams: Sanjay Desai
3. Social Distancing and Rounding in the COVID-19 era: Lee Goeddel
4. Tele-Rounding in the COVID-19 ICU: Adam Sapirstein
5. Ventilator resource management: Aliaksei Pustavoitau
6. Ethical Allocation of Scarce Resources: Lee Biddison

Module 7: Bedside Procedures in the COVID-19 Patient

1. Intubation and Extubation: Rob Thomsen
2. The role of bronchoscopy in the COVID-19 -19 patient: Hans Lee
3. Tracheostomy of the COVID-19 patient: David Feller-Kopman
4. POCUS to minimize staff risk and PPE use: Eric Nolley
5. CPR in the COVID-19 era: Brad Winters

Module 8: ICU Management of Patients with COVID-19

Module 8a:

1. Respiratory Management of the non-intubated COVID-19 patient: Mahendra Damarla
2. Ventilator management of COVID-19 ARDS: Mahendra Damarla
3. Physiology of Proning for COVID-19 ARDS: Sarina Sahetya
4. How to Safely Prone: Nicole Troiani
5. Fever Management in the Critically Ill: Jose Suarez
6. Sedation management: Annette Rowden
7. Strategies for Refractory ARDS: ECMO and APRV: Bo Kim

Module 8b:

1. Thrombotic Complication Management: Mike Streiff
2. Cardiovascular complications: Tom Metkus
3. Renal complications: Derek Fine
4. Neurologic Complications: Elisabeth Marsh
5. Non-COVID-19 Co-infections in the ICU: Michael Melia

Module 8c:

1. Delirium: Karin Neufeld
2. Physical rehabilitation: Michael Friedman
3. Communicating with Families during COVID-19: Alison Turnbull
4. End of Life Care on COVID-19 units: Danielle Doberman
5. Post-ICU Syndrome and Care: Dale Needham

Module 9: Outpatient Management

1. The COVID Ambulatory Wave:
Outpatient Telemedicine: Christian Merlo
Outpatient follow-up of the discharged COVID-19 Patient: Emily Brigham
2. Remote Patient monitoring: Melissa Lantz Garnish and Joyce Maygers
3. Managing the COVID-19 patient as an outpatient: Sarath Raju
4. Cancer Triage in the COVID-19 era: Jeffery Thiboutot



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