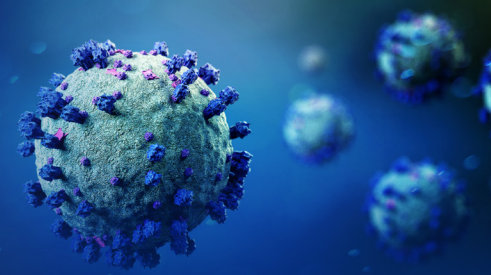


# A COVID-19 PANDEMIC COMPREHENSIVE UPDATE FOR HOSPITALS AND CLINICIANS

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

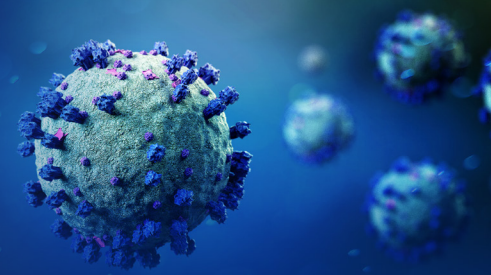
1. Intubation and Extubation  
Rob Thomsen
2. The role of bronchoscopy in the COVID-19 -19 patient  
Hans Lee
3. Tracheostomy of the COVID-19 patient  
David Feller-Kopman
4. POCUS to minimize staff risk and PPE use  
Eric Nolley
5. CPR in the COVID-19 era  
Brad Winters



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## AGENDA

### 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 Prone 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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