

Edward-Elmhurst CME



2020 Edward-Elmhurst CME Enduring Podcast Resources for Responding to COVID-19 for Healthcare Professionals

- Date(s):** Enduring Podcast – Available Online: 7/7/2020 through 12/31/2020
- Time/Place:** Online – Available Anytime
- Registration*:** **Registration required** for all CME events. Visit www.eehcme.org to register and access content.
**Due to requirements of our CME accreditation, credits are not applied to transcripts for unregistered participants or participants that do not complete the required evaluations.*

Treatment Options for Covid-19 (30 min)

In this episode, Dr. Borjan and Dr. Whitby discuss a wide range of treatment options for COVID-19, and what we currently know based on available studies. Discussion includes therapies with proposed antiviral activity, use of convalescent plasma, and agents being used to address cytokine storm. They also touch on use of anticoagulants, nutritional support, and other supportive care measures. Jovan Borjan, PharmD, BCIDP is the Clinical Pharmacy Specialist in Infectious Diseases at University of Texas MD Anderson Cancer Center in Houston, Texas.

1. Discuss the range of treatment options based on current knowledge for COVID-19.
2. Identify proposed therapies with antiviral activity and agents being used to address cytokine storm.

Pulmonary Aspects of Covid-19 Disease (30 min)

Dr. Esther Barreiro and Dr. Margaret Hessen discuss the pulmonary aspects of COVID-19 disease, such as clinical course and pathophysiology of lung involvement, noninvasive vs. mechanical ventilation based on observed phenotypes, as well as myocardial dysfunction, coagulopathy, and other issues relating to the pathophysiology and critical care of these patients. Esther Barreiro Portela, MD, PhD is the Associate Professor, Pompeu Fabra University, and Hospital del Mar Respiratory Medicine Department in Barcelona, Spain. Her complete biography is available.

3. Explain the pulmonary aspects of COVID-19 disease.
4. Describe the clinical course and pathophysiology of lung involvement, and noninvasive vs. mechanical ventilation.

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Biomedical Ethics During Covid-19 Pandemic – Part 1 & 2 (15 min each – 30 min total)

In this first of two conversations, Dr. Don Postema and Dr. Julibeth Lauren discuss issues arising with patients and families, including restrictions on inpatient visiting, end-of-life issues, and how patients and families can obtain support from hospital biomedical ethics teams. In this second of two conversations, Dr. Don Postema and Dr. Julibeth Lauren discuss ethical issues in time of crisis and scarcity, such as triaging care and allocation of medical equipment, objective scoring criteria, recent professional society guidelines and protocols, and balancing competing priorities of individual patient rights and autonomy vs. protecting the community and health care providers. Don Postema, PhD is the Program Director for Medical Bioethics at HealthPartners at the University of Minnesota in Minneapolis, Minnesota. His complete biography is available.

5. Review the issues arising with patients and families including restrictions on inpatient visiting, end-of-life, and how patients and families can obtain support from hospital biomedical ethic teams.
6. Recognize the ethical issues in time of crisis and scarcity such as triaging care and allocation of medical equipment, balancing of competing priorities of individual patient rights and autonomy vs. protecting the community and health care providers.

Covid-19 and Emergency Preparedness (30 min)

Dr. Nadworny, an expert on emergency crisis preparedness, discusses best practices and standards of care regarding isolations, triage, testing, the changing dynamic of PPE, and supporting patients, families and staff in the current crisis. Dr. Daniel Nadworny, DNP, RN, is the Director of Emergency and Patient Care Services, Beth Israel Deaconess Milton Hospital, Milton, Massachusetts. His complete biography is available.

7. Recall best practices and standards of care regarding isolation, triage, testing and the changing dynamic of PPE.
8. State the best practice guidelines for supporting patients, families and staff in the current crisis.

SARS-CoV-2 Infection (15 min)

Dr. Perlman, who has studied coronaviruses for 4 decades, discusses mode of transmission of SARS-CoV-2 during asymptomatic and presymptomatic state, pathophysiology and disease progression, and touches on treatment options and vaccine development. Dr. Stanley Perlman, MD, PhD, is Professor of Microbiology and Immunology, Professor of Pediatrics, University of Iowa Hospitals and Clinics, Iowa City, Iowa. His complete biography is available.

9. Distinguish modes of transmission of SARS-CoV-2 during asymptomatic and pre-symptomatic state, pathophysiology and disease progression.
10. Evaluate treatment options and vaccine development.

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