



# Maryland Chapter

## AMERICAN COLLEGE OF EMERGENCY PHYSICIANS

### 2021 Maryland ACEP Chapter Educational Conference & Annual Meeting Thursday, March 18, 2021

#### FACULTY

Christopher Lemon, MD



#### PRESENTATION

COVID-19 in '21: Where We Stand in Pediatrics

#### DESCRIPTION

It is easy COVID-19 has changed our lives in ways we likely will not fully understand until we emerge from the pandemic-imagine trying to comprehend the situation from the perspective of a child or teenager. In addition to discussing the medical statistics, as well as presentation, testing and treatment of our pediatric COVID-19 cases, this lecture will also consider indirect effects of this virus including non-accidental trauma, pediatric mental health, and current stressors faced by our pediatric ED heroes.

#### OBJECTIVES & OUTCOMES

Participants will understand and recognize the presentation, care, and disposition of Covid-19 Multisystem Inflammatory Syndrome in Children. Participants will consider indirect effects of COVID-19 on trends in the pediatric ED including non-accidental trauma, pediatric mental health, and departmental operating strains.

1. Epidemiology
  - a. Internationally/Nationally/Maryland-local
  - b. Stats comparison across all ages (cases, hospitalizations, deaths)
2. Multisystem Inflammatory Syndrome in Children (MIS-C)
  - a. Case presentation
    - i. Waiting for response from PICU at UMMC to see if they have any real cases.
    - ii. Depending on what they have and privacy hurdles, I may see if it is even possible conduct and record a small interview with the patient/family to keep audience engaged.
  - b. Evaluation/testing
  - c. Treatment
    - i. Basics
    - ii. Anti-inflammatory and immune therapies
    - iii. Empiric antibiotics
    - iv. Anti-coagulation
  - d. Reporting to health agencies
3. Indirect effects of COVID-19 in the Pediatric ED: Coordinating a series of short interviews with some of the chairs of peds EDs in Maryland to be spliced together to discuss the following with interspersed slides.
  - a. Shift to stay-at-home learning and strains of recession on
    1. Non accidental trauma/ domestic abuse

2. Pediatric mental health, especially as it relates to ED presentations.
- ii. Trends in peds ED volumes
  1. Reimbursement trends
  2. Staffing
  3. New grad hiring
4. Vaccines
  - a. Current forecast for when our kids will get vaccinated.
5. Conclusion & Take Home: If the interview ideas are panning out, I may even interview some of the young kids of our ED team at BWMC about thoughts on COVID-19 with the hope to have a lighter-hearted conclusion/review.

**DISCLOSURE**

No significant financial relationships to disclose.