



COVID-19: KEEPING UP WITH A MOVING TARGET

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Arron Berry, RN, BSN, CCRN, PHRN, CFRN
Johns Hopkins – Lifeline Critical Care Transport
Nurse Clinician III
Baltimore, MD



Postgraduate Institute
for Medicine



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Name of Faculty or Presenter	Reported Financial Relationship
Arron Berry, RN, BSN, CCRN, PHRN, CFRN	None

Arron Berry has indicated that she will not be referencing the unlabeled or unapproved use of agents in today's presentation.

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CME Information

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Learning Objective

- Discuss intubation and vent management in the COVID-19 patient population





Thank You

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The Critically Ill Covid Patient



<https://www.dallasnews.com/news/commentary/2020/06/28/we-went-inside-parklands-covid-unit-during-its-worst-week-as-coronavirus-cases-spike-in-north-texas/>



Intubating the Covid Patient

- To tube or not to tube?
 - No brainers
 - Silent hypoxemia (the happy hypoxic)
 - Emergent vs planned
- Who and how?
 - Maximize first pass success
- Infection control considerations
 - Negative pressure
 - Limit staff
 - Engineering controls
 - PPE



<https://techcrunch.com/2020/03/31/startup-group-works-to-get-flat-packed-protective-boxes-to-frontline-covid-19-medical-workers/>





Ventilator Management Strategies

- Lung protective ventilation
- L and H phenotypes
 - Measurement of compliance
- Plateau pressure and driving pressures
- Volume control? Pressure control? APRV?
- Obtaining and maintaining recruitment
- Prone positioning
- Infection control considerations





To submit your own question, please email QA@dkbmed.com





Are non-invasive ventilation strategies like CPAP and BiPAP or high flow nasal cannula safe for use in this population with possibility for aerosol generation?





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