

Mechanical Ventilation Conference Covid-19: The Final Take – Online

Activity Description

This online course will showcase Mayo Clinic's Mechanical Ventilation specialists' experience with managing critically ill patients during the Covid-19 pandemic. Detailed education will be shared about providing respiratory care on a daily basis in a pandemic.

Target Audience

This activity is designed for critical care providers, respiratory therapists, physicians, physician assistants and nurse practitioners.

Learning Objectives

Upon conclusion of this activity, participants should be able to:

- Outline the physiologic principles and cardiopulmonary interactions underlying the risks, benefits, and applications of ventilator support for respiratory failure secondary to COVID-19 infection.
- Describe in detail the use of different modes of ventilator support, invasive and non-invasive, for patients with respiratory failure secondary to COVID-19 infection.
- Describe appropriate use of mechanical ventilation equipment following bio-safety rules and infection prevention measures
- Integrate pulmonary mechanics at the bedside in a personalized approach to mechanical ventilation for patients with respiratory failure secondary to COVID-19 infection.

Participation in this Mayo Clinic educational activity does not indicate nor guarantee competence or proficiency in the performance of any procedures which may be discussed or taught in this course.

Accreditation Statement



In support of improving patient care, Mayo Clinic College of Medicine and Science is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC) to provide continuing education for the healthcare team.

Credit Statement(s)

AMA

The Mayo Clinic College of Medicine and Science designates this enduring material for a maximum of 4.5 **AMA PRA Category 1 Credit(s)**™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Disclosure Summary

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Listed below are individuals with control of the content of this program who have disclosed...

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None

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Prerequisites for Participation

There are no prerequisites needed prior to participating in this education activity.

How to Obtain Credit

Learners are required to complete a post course quiz with an 80% pass rate. One re-take is allowed.

Method of Participation

Participation in this activity consists of reviewing the online content and completing the post-course quiz and evaluation.

Release and Expiration Dates

Release Date: March 5, 2021
Expiration Date: March 4, 2024

Acknowledgement of Commercial Support

No commercial support was received in the production of this activity.

Faculty and Course Director Listing and Credentials

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Bibliographic Resources

- Guan WJ, Ni ZY, Hu Y, et al. China Medical Treatment Expert Group. Clinical Characteristics of Coronavirus Disease 2019 in China. *N Engl J Med*; 2020 doi:10.1056/NEJMoa2002032
- Wu Z, McGoogan JM. Characteristics of and Important Lessons From the Coronavirus Disease 2019 (COVID-19) Outbreak in China: Summary of a Report of 72 314 Cases From the Chinese Center for Disease Control and Prevention. *JAMA*. 2020 Feb 24. doi: 10.1001/jama.2020.2648. [Epub ahead of print]
- Surviving Sepsis Campaign: Guidelines on the Management of Critically Ill Adults with Coronavirus Disease 2019 (COVID-19). Co-publication in the Journals Critical Care Medicine (CCM) and Intensive Care Medicine (ICM), March 2020.

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