Mechanical Ventilation Conference - Online CME Course

Activity Description
Mayo Clinic Mechanical Ventilation Conference is designed to provide high quality education and detailed hands-on instruction in mechanical ventilation management and to bring physicians, respiratory therapists, and other health care professionals who are involved in providing respiratory care daily. Online course from Mechanical ventilation 2022 live course in September.

Target Audience
This activity is appropriate for critical care Mayo Clinic Mechanical Ventilation Conference is designed for critical care providers, respiratory therapists, physicians, physician assistants, nurses 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.
- Describe in detail the use of different modes of ventilator support for patients with respiratory failure.
- Review appropriate use of mechanical ventilation equipment within hands-on workshop demonstration.
- Differentiate pulmonary mechanics at the bedside in personalized approach to mechanical ventilation.

Attendance at this Mayo Clinic course 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
Mayo Clinic College of Medicine and Science designates this enduring material for a maximum of 11.25 *AMA PRA Category 1 Credits™.* Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Other Healthcare Professionals
A record of attendance will be provided to all registrants for requesting credits in accordance with state nursing boards, specialty societies or other professional associations.

Disclosure Summary
As a provider accredited by Joint Accreditation for Interprofessional Continuing Education, Mayo Clinic College of Medicine and Science must ensure balance, independence, objectivity and scientific rigor in its educational activities. All who are in a position to control the content are required to disclose all financial relationships with any ineligible company. Faculty will also identify any off-label and/or investigational use of pharmaceuticals or instruments discussed in their content for FDA compliance.

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

Relevant Financial relationship(s) with ineligible companies:

Name	Nature of Relationship	Company
Giacomo Bellani, MD	Consultant	Draeger Medical, FlowMeterSPA
Giacomo Bellani, MD	Grant or Research Support	Draeger Medical
Laurent Brochard, MD	Grant or Research Support	Medtronic, Draeger, Sentec, Fisher Paykel
Richard Kallet, MS, RRT, FAARC	Consultant	ContinuED
Richard Kallet, MS, RRT, FAARC	Stock Shareholder	ContinuED
Neil MacIntyre Jr., MD	Consultant	Inspirx Pharmaceuticals – consulting Inogen – consulting Hillrom – consulting Roche DSMB for clinical trial
Neil MacIntyre Jr., MD	Stock Shareholder	Ventec

All relevant financial relationships listed for these individuals have been mitigated.

No relevant financial relationship(s) with ineligible companies:

Name	
William LeTourneau II, RRT, LRT	Steven Holets, RRT, LRT
John Marini, MD	
Bernardo Selim, MD	
Suraj Yalamuri, MD	
Jean-Louis Vincent, MD	
Richard Oeckler, MD, PhD	
Gustavo Cortes-Puentes, MD	
Todd J. Meyer, RRT	
Luciano Gattinoni, MD	
Peter Gay, MD	

References to off-label and/or investigational usage(s) of pharmaceuticals or instruments in their presentation and/or content:

Name	Manufacturer/Provider	Product/Device
Suraj Yalamuri, MD	Gettinge	Cardiohelp

For disclosure information regarding Mayo Clinic School of Continuous Professional Development accreditation review committee member(s) please visit: https://ce.mayo.edu/content/disclosures.

Disclaimer

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. You should be aware that substantive developments in the medical field covered by this recording may have occurred since the date of original release.

Prerequisites for Participation

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

Method of Participation

Participation in this activity consists of reviewing the educational material, completing the learner assessment and evaluation.

How to Obtain Credit

To obtain credit, complete the assessment, evaluation and submit.

Release and Expiration Dates

Release Date: 12-01-2022
Expiration Date: 11-30-2025

Acknowledgement of Commercial Support

No commercial support was received in the production of this activity.
-OR-
This course is supported, in part, by educational grants from LIST INDUSTRY SUPPORTERS in accordance with ACCME Standards.

Faculty and Course Director Listing and Credentials

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Bibliographic Resources

Spadaro S, Karbing DS, Fogagnolo A, Ragazzi R, Mojoli F, Astolfi L, Gioia A, Marangoni E, Rees SE, Volta CA. Simulation Training for Residents Focused on Mechanical Ventilation: A Randomized Trial Using Mannequin-Based Versus Computer-Based Simulation. Simul Healthc. 2017 Dec;12(6):349-355. doi: 10.1097/SIH.0000000000000249. PMID: 28825930; PMCID: PMC5768222.

Cox CE, Carson SS, Ely EW, Govert JA, Garrett JM, Brower RG, Morris DG, Abraham E, Donnabella V, Spevetz A, Hall JB. Effectiveness of medical resident education in mechanical ventilation. Am J Respir Crit Care Med. 2003 Jan 1;167(1):32-8. doi: 10.1164/rccm.200206-624OC. Epub 2002 Sep 25. PMID: 12406827.