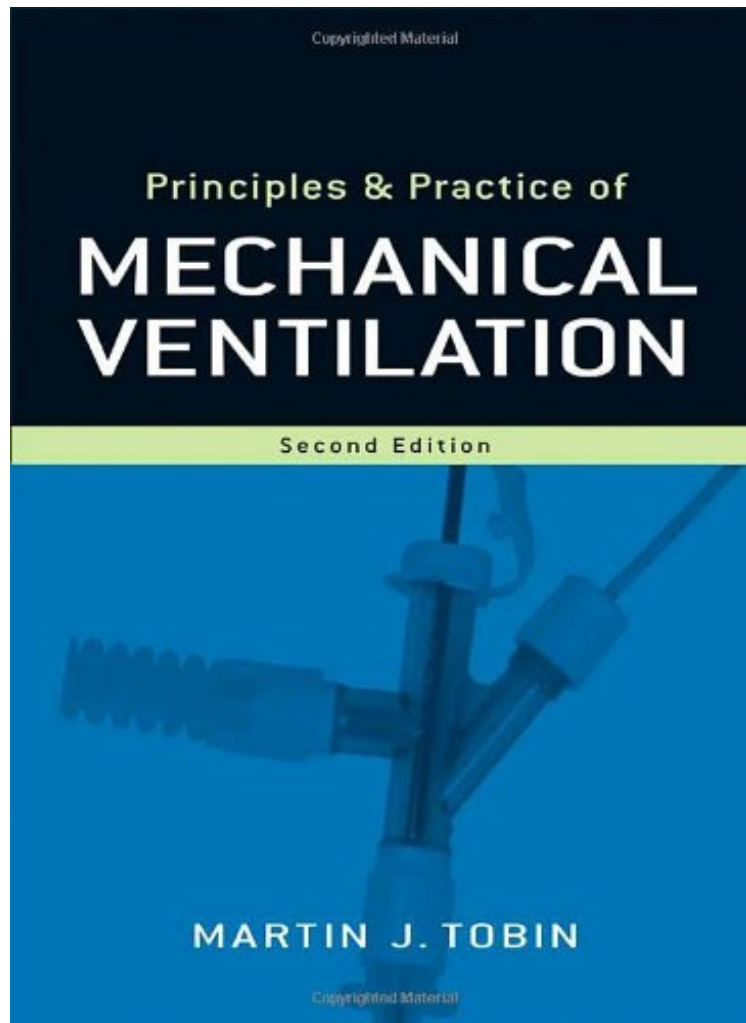


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# Principles and Practice of Mechanical Ventilation, 2nd Edition

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**Martin Tobin : Principles and Practice of Mechanical Ventilation, 2nd Edition** before purchasing it in order to gauge whether or not it would be worth my time, and all praised Principles and Practice of Mechanical Ventilation, 2nd Edition:

5 of 5 people found the following review helpful. Excellent but....By P. Singh When you buy a Bible of mechanical ventilation, you expect answers to all the common questions. Now, I don't want to take anything away from Dr Tobin's Classic, but there are few areas which I and other pulmonary fellows feel should have been better addressed. The modes used very frequently in MICU these days include APRV and ASV. The book just mentions few paragraphs, and the reader has to refer to reviews from the Pubmed to get a better information regarding the application and troubleshooting. It would have been great if a separate chapter was devoted to these very user friendly but least

understood modes of MV in this mammoth text.0 of 0 people found the following review helpful. Good reference if you are interested in mechanical ventilationBy mrmeGood reference if you are interested in mechanical ventilation. Chapters are clear. A bit large and cumbersome for daily reference.0 of 0 people found the following review helpful. Four StarsBy william cuzagreat resource!

THE account of the use of mechanical ventilation in critically ill patients A Doody's Core Title for 2011! 4 STAR DOODY'S REVIEW! "This second edition continues the role established by its predecessor as the leading work in the field. Mechanical ventilation, as a defining event of critical care, has seen an explosion of physiologic and outcomes research in the past decade. Our thinking about management of ARDS, ventilator-induced lung injury, patient-ventilator interaction, and infectious complications has changed dramatically. All of this recent work is summarized here."--Doody's Review Service Editor Martin J. Tobin--past editor-in-chief of the American Journal of Respiratory and Critical Care Medicine--has completely revised this text, acclaimed by The Lancet as "the bible of mechanical ventilation." The new edition is a cover-to-cover revision of the original content, filled with cutting-edge scientific insights from more than 200 contributors representing critical care, pulmonary medicine, anesthesiology, surgery, basic science, and radiology. Features: Up-to-the minute, rigorous coverage that addresses every important scientific, clinical, and technical aspect of the field 70 well-organized chapters that encompass the full scope of mechanical ventilation, including the physical basis of mechanical ventilation; conventional, alternative, noninvasive, and unconventional methods of ventilator support; complications and airway management; and ethics and economics 24 new chapters on current issues in mechanical ventilation: Closed Loop Ventilation, Inhaled Antibiotic Therapy, Sleep and Speech in the Ventilated Patient, Mechanical Ventilation in ARDS, Ventilation Outside the ICU, and more Highly relevant new chapters on pharmacological and adjuvant therapy Greater use of tables and lists that conveniently summarize key information and solidify chapter concepts

"Twelve years have elapsed since the publication of the first edition of this reference book. The recently released second edition maintains the reputation of the first as the most comprehensive single source on mechanical ventilation. Its breadth and its up-to-date discussions of the topic make it an ideal reference for the busy clinician. "Editor Martin Tobin should be commended for his work on this new edition, which is a considerable improvement on the first so much so that it bears little resemblance to its predecessor. There are 24 new chapters, bringing the total to 70, a testament to the major changes in mechanical ventilation that have occurred during the past decade. Contributions from prominent authorities add an international perspective, yet Tobin has been able to establish a relatively uniform style from chapter to chapter, making the book consistent and easy to read. The first chapter, a historical perspective on mechanical ventilation, makes the enormous advances in this field readily apparent. One example is the shift from negative-pressure iron-lung ventilation, in use for polio victims as recently as the 1960s in the United States, to positive-pressure bag ventilation, pioneered during the 1952 polio outbreak in Copenhagen. "One of the great strengths of the book is its wealth of information on the physiology, mechanics, and machinery of mechanical ventilation. It also takes a problem-based approach to treatment, which will appeal to clinicians. There are extensive chapters on acute lung injury, obstructive lung disease, neuromuscular weakness, alternative ventilatory modes, noninvasive ventilation, airway management, home ventilation, and weaning. The authors deal with such topics as agitation, ventilator-associated pneumonia, and even transport of a patient who is being ventilated. The book is well illustrated, with technical ventilator circuit diagrams, clinical radiographs, photographs of a wide array of respiratory therapy equipment, and many ventilator waveform tracings. "We checked the thoroughness of the book by searching through it for solutions to uncommon clinical problems we have confronted in our experience in an intensive care unit and a specialized postintensive care rehabilitation unit. The book provides helpful advice on complex airway problems, diaphragmatic pacing, and ventilator-supported speech. It reinforces the idea that the era of the comprehensive reference book is not over, especially in the field of critical care."--New England Journal of Medicine (New England Journal of Medicine 2007-01-11)About the AuthorMartin Tobin MD, Professor of Medicine and Anesthesiology Director, Division of Pulmonary and Critical Care Medicine Loyola University of Chicago Stritch School of Medicine and Edward Hines Jr., Veterans Administration Hospital Attending Physician, RML Specialty Hospital Maywood, Illinois