

1. Record Nr.	UNINA9910741323803321
Titolo	Respiratory Insufficiency // Salim Surani, Reena Shah, Syed Anjum Khan, editors
Pubbl/distr/stampa	London : , : IntechOpen, , 2023
ISBN	1-83768-267-4
Descrizione fisica	1 online resource (144 pages)
Disciplina	616.2
Soggetti	Respiratory medicine
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	1. Pathophysiology of Respiratory Insufficiency -- 2. Acute Respiratory Failure in Exacerbations of Bronchial Asthma -- 3. Respiratory Support for Obstructive Syndromes -- 4. Respiratory Failure in COVID-19 Condition -- 5. Pulmonary Issues in Chronic Liver Disease -- 6. Mechanical Ventilation in the Burn Patient -- 7. VV-ECMO in Respiratory Insufficiency.
Sommario/riassunto	In the United States, respiratory failure accounts for 1275 cases per 100,000 people. The etiology of respiratory failure can be diverse, encompassing obstructive and restrictive lung diseases, among others. The COVID-19 pandemic led to a significant surge in respiratory failure cases among patients admitted to hospitals, particularly those requiring intensive care. This book explores the pathophysiology of respiratory failure and insufficiency associated with COVID-19 illness as well as obstructive lung disease. It also delves into respiratory insufficiency stemming from liver disease and burns and discusses the role of veno-venous extracorporeal membrane oxygenation (VV-ECMO) in managing patients with respiratory insufficiency. This book is a useful resource for medical students, residents, physicians, and nurses alike.