

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Record Nr.           | UNINA9911031578203321                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Autore                  | Dassios Theodore                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Titolo                  | Clinical Respiratory Physiology of the Newborn / / by Theodore Dassios                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Pubbl/distr/stampa      | Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2025                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| ISBN                    | 3-032-05738-8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Edizione                | [1st ed. 2025.]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Descrizione fisica      | 1 online resource (165 pages)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Collana                 | In Clinical Practice, , 2199-6660                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Disciplina              | 618.92                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Soggetti                | Pediatrics<br>Respiratory organs<br>Physiology<br>Respiratory Physiology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Lingua di pubblicazione | Inglese                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Formato                 | Materiale a stampa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Livello bibliografico   | Monografia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Nota di contenuto       | The respiratory system before and after birth -- Common neonatal respiratory disorders -- Ventilation -- Diffusion -- Perfusion -- Ventilation to Perfusion relationships -- Oxygen transport to the tissues -- Mechanics of breathing -- Work of breathing -- Control of respiration -- Ventilator waveforms -- The neonatal respiratory system at critical extremes -- Children and adults with a history of neonatal lung disease -- Lung function tests in neonates.                                                                                                                             |
| Sommario/riassunto      | This book provides a practical overview of the clinical and scientific knowledge relevant to the respiratory physiology of the newborn infant. Clear and concise chapters examine topics such as the mechanics of breathing, the neonatal respiratory system at critical extremes and lung function tests in neonates. Clinical Respiratory Physiology of the Newborn is an indispensable resource for fellows in neonatology and paediatric intensive care as well as senior consultants within the same specialities seeking a complete bedside guide to this evolving topic in clinical practice. |