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monary diseases are always combined with pulmonary hypertension and cor pulmonale. Without the modern methods of examination of pulmonary function, it would not have been possible to establish the concept of “cor pulmonale”, and to give a strict definition of this heart disease. The 4th part of the book discusses the disturbances of pulmonary function as they occur in different diseases of the lung and in other clinical conditions influencing respiration. Numerous examples are given. The significance of testing pulmonary function in estimating the capacity for work, where the lung-disease is insured, e.g. in silicosis, is pointed out. Equally, the tests are of importance as a preoperative examination in lung and heart-surgery. The book concludes with an appendix of formulae, tables and laboratory data, and with a list of references of about 2000 publications.