

1. Record Nr.	UNINA990000110490403321
Autore	Vogel, Théodore <19..-1978>
Titolo	Sur les vibratiron de certains systemes elastiques dans un champ sonore
Pubbl/distr/stampa	Paris : En vente au S�ervice de documentation et d'information technique de l'aeronatique, 1948
Descrizione fisica	79 p. : ill. ; 27 cm
Collana	Publications scientifiques et techniques du minist�ere de l'air ; 209
Disciplina	531.382 3
Locazione	FINBC
Collocazione	13 M 26 10
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr.	UNINA9910300295803321
Titolo	Breath Sounds : From Basic Science to Clinical Practice // edited by Kostas N. Priftis, Leontios J. Hadjileontiadis, Mark L. Everard
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2018
ISBN	3-319-71824-X
Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (314 pages)
Disciplina	616.24075
Soggetti	Respiratory organs - Diseases Pediatrics Critical care medicine Nursing Diseases Signal processing Pneumology Intensive Care Medicine Signal, Speech and Image Processing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	1 Introduction -- Part I: General Considerations -- 1 Historic review -- 2 Clinical usefulness of breath sounds -- 3 Nomenclature -- Part II: Sound recording, analysis, and perception. 4 Physics of sounds -- 5 Sound transmission through the human body -- 6 Breath sound recording -- 7 Current techniques for breath sound analysis -- Part III. Respiratory sounds. 8 Normal versus adventitious sounds -- 9 Crackles -- 10 Wheeze -- 11 Other lung sounds -- 12 Cough sound -- 13 Extrathoracic origin sounds -- Part IV. Where Are We Going? 14 Future prospectes for respiratory sound research -- 15 Towards a unified nomenclature -- 16 Epilogue.
Sommario/riassunto	This book offers up-to-date information on the recording and analysis of respiratory sounds that will assist in clinical routine. The opening sections deliver basic knowledge on aspects such as the physics of sound and sound transmission in the body, a clear understanding of

which is key to good clinical practice. Current techniques of breath sound analysis are described, and the diagnostic impact of advances in the processing of lung sound signals is carefully explained. With the aid of audio files that are available online, detailed guidance is then provided on differentiation of normal and abnormal breath sounds and identification of the various sounds, including crackles, wheezes, other lung sounds, cough sounds, and sounds of extrathoracic origin. The book is of high educational value and represents an excellent learning tool at pre- and postgraduate levels. It will also appeal to researchers as it provides comprehensive summaries of knowledge in particular research fields. The editors bring high-level expertise to the subject, including membership of the European Respiratory Society Task Force on the standardization of categories and nomenclature for breath sounds.
