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Autore	Kelmanson I. A (Igor Aleksandrovich)
Titolo	Sleep and breathing in infants and young children // Igor A. Kelmanson
Pubbl/distr/stampa	New York, : Nova Biomedical Books, c2006
ISBN	1-61209-351-5
Edizione	[1st ed.]
Descrizione fisica	1 online resource (240 p.)
Disciplina	618.92/8498
Soggetti	Infants - Sleep Children - Sleep Sleep disorders in children
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (p. [171]-212) and index.
Nota di contenuto	Polysomnography as the objective method of sleep study -- Basic knowledge on sleep neurophysiology -- Sleep ontogeny -- Sleep chronobiology -- The mechanisms responsible for the maintenance of respiration -- Respiratory and other physiological characteristics during sleep -- Arousals -- Major forms of sleep disorders in infants and young children and approaches to their correction -- Apnea of prematurity and infantile apnea -- Obstructive sleep apnea syndrome (OSAS) -- Central hypoventilation -- Apparent life-threatening events (ALTE) -- Sleep disordered breathing and chronic pulmonary diseases -- Approaches to evaluation and management in cases of sleep disordered breathing in infants and young children -- Sudden Infant Death Syndrome : definition and epidemiology -- SIDS and sleep disordered breathing -- Infant behavioral characteristics associated with SIDA and its risk factors -- Model of SIDS and preventive strategies.
Sommario/riassunto	This book addresses one of the major issues of modern paediatrics: the relationship between sleep and breathing in infants. The content of this book is based on author's personal experience, as well as on up-to-date findings in the field. The necessity to present most important knowledge on sleep physiology, sleep structure in infants, mechanisms supporting respiration in the normal infants, functional changes in certain sleep stages, as well as on most characteristic forms of

breathing disturbances in sleep in the infants was taken into consideration. Chronobiological aspects of functional respiratory characteristics have been tackled. Much attention has been paid to the quality of infant behaviour associated with sleep disturbances and breathing disturbances in sleep, relationship between micro environmental characteristics and sleep impairments. Possible association between infant apnoea and sudden infant death syndrome is considered; mechanisms of infant' snoring in sleep and its relation to the obstructive sleep apnoea syndrome is addressed; sleep-related breathing disturbances occurring against a background of chronic broncho-pulmonary diseases are discussed. breathing disturbances and to their treatment are considered.

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