

1. Record Nr.	UNINA9910300359703321
Autore	Ottaviani Giulia
Titolo	Crib Death - Sudden Infant Death Syndrome (SIDS) : Sudden Infant and Perinatal Unexplained Death: The Pathologist's Viewpoint // by Giulia Ottaviani
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2014
ISBN	3-319-08347-3
Edizione	[2nd ed. 2014.]
Descrizione fisica	1 online resource (225 p.)
Disciplina	610 614.1 616.07 616025
Soggetti	Pathology Medical jurisprudence Pediatrics Emergency medicine Obstetrics Forensic Medicine Emergency Medicine Obstetrics/Perinatology/Midwifery
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 at the end of each chapters and index.
Nota di contenuto	INTRODUCTION -- Sudden Infant Death Syndrome (SIDS) -- Sudden Intrauterine Unexplained Death (SIUD) -- MATERIALS AND METHODS -- Clinical and pathological information form -- Post mortem regulation on SIDS -- Necropsy procedures -- Cardiac sampling and study of the conduction system -- Brainstem sampling and inherent techniques -- Study of the carotid bifurcation, ganglia and paraganglia -- Lung: evaluation of the development stage -- Immunohistochemistry and other techniques -- RESULTS -- Epidemiological results -- Cardiac Conduction findings -- Central autonomic nervous system findings -- Hypoplasia and agenesis of the arcuate nucleus -- Combined

pulmonary and arcuate nucleus hypoplasia -- Peripheral autonomic nervous system findings -- DISCUSSION -- Cardiac conduction pathology -- Neuropathology -- CONCLUDING REMARKS.

---

## Sommario/riassunto

Crib death or sudden infant death syndrome is surely among the worst emotional tragedies that any parent can experience. It is the most frequent death-causing syndrome during the first year of life, striking one infant in every 700-1,000. Crib death is a great enigma, and one of the main open issues in the social-medical and scientific setting of contemporary medicine. Despite a wide spectrum of theories and years of research, its etiology remains unclear. The scarcity of knowledge in the field of crib death and its pathology has led to continued and growing concern, prompting an expanding search for explanation that will permit either prediction or rapid diagnosis. This book describes systematic studies of the cardiovascular system and autonomic nervous system carried out in a large number of infants, newborns, and fetuses who have died suddenly and unexpectedly, as well as in age-matched control cases. The cardiovascular and neuropathological findings are presented in detail, and the relationship between crib death and unexplained perinatal death is discussed. This monograph will aid pathologists, forensic pathologists, pediatricians, obstetricians, and neonatologists in recognizing all potential morphological substrata. It puts forward a well-researched standardized postmortem protocol to be applied in all cases of sudden unexpected infant and perinatal death.

---