

1. Record Nr.	UNINA9910369950003321
Titolo	Neuroblastoma : Clinical and Surgical Management // edited by Sabine Sarnacki, Luca Pio
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
ISBN	3-030-18396-3
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (viii, 383 pages)
Disciplina	617.98 616.99383
Soggetti	Pediatric surgery Pediatrics Oncology Surgical oncology Pediatric Surgery Oncology Surgical Oncology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1. Epidemiology -- Chapter 2. Biology of neuroblastoma -- Chapter 3. Neuroblastoma pathogenesis -- Chapter 4. Neuroblastoma Pathology -- Chapter 5. Radiology -- Chapter 6. Image Defined Risk Factors -- Chapter 7. Nuclear Medicine procedures in Neuroblastoma -- Chapter 8. Radiotherapy for neuroblastoma -- Chapter 9. Spinal canal involvement in peripheral neuroblastic tumors -- Chapter 10. Neonatal Neuroblastoma -- Chapter 11. Low and intermediate risk Neuroblastoma -- Chapter 12. High risk Neuroblastoma and current Protocols -- Chapter 13. Immunotherapy -- Chapter 14. Prognostic Factors and Risk Stratification -- Chapter 15. BIOPSY OF NEUROBLASTOMA -- Chapter 16. Surgical Techniques -- Chapter 17. Surgical strategies for high risk neuroblastoma -- Chapter 18. Surgical strategies for Neuroblastoma with spinal canal involvement -- Chapter 19. Neuroblastoma – Minimally invasive surgery -- Chapter 20. Robotic Surgery for Neuroblastoma -- Chapter 21. Complications of the

Sommario/riassunto

This book addresses neuroblastoma, a type of embryonic tumor derived from neural crest cells and one of the most frequent extra-cranial solid tumors in children. However, the term also describes a heterogeneous group of tumors, the prognosis of which can differ greatly according to age, stage and biology. Some forms undergo spontaneous regression, and some are cured by surgery alone or after chemo-reduction, while others exhibit extremely aggressive behavior. Their successful treatment is one of the best examples of tailored medicine, which involves close collaboration between pediatric surgeons, pediatric oncologists, radiologists, nuclear medicine specialists, biologists, oncogeneticists and radiotherapists. The book pursues a unique approach, as it combines most essential insights from all of these fields, together with key information regarding epidemiology, physiopathology and palliative care. The respective chapters were written by the leading international experts on neuroblastoma, and present the latest advances in terms of research, surgical approaches and medical treatments. The book offers an invaluable resource to all pediatric surgeons, pediatricians, oncologists, students, researchers and all others involved in neuroblastoma management who want to benefit from their colleagues' expertise.