

1. Record Nr.	UNINA9910736497603321
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Titolo	Intraoperative Flow Cytometry // edited by Georgios Alexiou, Georgios Vartholomatos
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2023
ISBN	3-031-33517-1
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (305 pages)
Altri autori (Persone)	VartholomatosGeorgios
Disciplina	616.99407582
Soggetti	Nervous system—Surgery Hematology Oncology Medicine—Research Biology—Research Neurosurgery Biomedical Research
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	I. General Topics -- 1. History of Flow Cytometry -- 2. Basic Principles -- 3. Sample-Data Analysis -- . II. Intraoperative Flow Cytometry -- 4. Basic Principles -- 5. Sample - Data Analysis -- . III. Intraoperative Flow Cytometry in CNS malignancies -- 6. Pathology of the Tumors of the Central Nervous System -- 7. Current methods for intraoperative application -- 8. IFC in Gliomas -- 9. IFC in Meningiomas -- 10. IFC in Pediatric Tumors -- 11. IFC in Spine Tumors -- . IV. Intraoperative Flow Cytometry in Breast malignancies -- 12. Breast Cancer -- 13. Current methods for intraoperative application -- 14. IFC in Lumpectomy -- . V. Intraoperative Flow Cytometry in Head and Neck malignancies -- 15. Head and Neck malignancies -- 16. Current Techniques for intraoperative application -- 17. IFC in Head and Neck malignancies -- . VI. Intraoperative Flow Cytometry in Gastrointestinal malignancies -- 18. Gastrointestinal Malignancies -- 19. Current methods for intraoperative application -- 20. IFC in liver cancer -- 21. IFC in Colorectal Cancer -- 22. Future Perspectives of IFC.

Sommario/riassunto

This book describes intraoperative flow cytometry in solid tumours. Intraoperative flow cytometry is an innovative technique for assessing tumour margins and grade of malignancy intraoperatively. The authors have been working on this procedure for more than 14 years and have introduced it in the surgery of intracranial tumours, breast cancer, liver cancer and head and neck neoplasms, as described in the book. A detailed description of the main pathological findings will be followed by an explanation of the intraoperative flow cytometry's role. In each chapter, information will be provided to stimulate further research on this topic. The book will also include new topics that have not been published till now. The book is aimed at neurosurgeons, general surgeons, ENT specialists, breast surgeons, radiologists, pathologists, oncologists, biologists, biochemists and scientists working with on flow cytometry.
