Classification Tumours Central Nervous System

Since the late 1960s, the survival rate in children and adolescents diagnosed with cancer has steadily improved, with a corresponding decline in the cancer-specific death rate. Although the improvements in survival are encouraging, they have come at the cost of acute, chronic, and late adverse effects precipitated by the toxicities associated with the individual or combined use of different types of treatment (e.g., surgery, radiation, chemotherapy). In some cases, the impairments resulting from cancer and its treatment are severe enough to qualify a child for U.S. Social Security Administration disability benefits. At the request of Social Security Administration, Childhood Cancer and Functional Impacts Across the Care Continuum provides current information and findings and conclusions regarding the diagnosis, treatment, and prognosis of selected childhood cancers, including different types of malignant solid tumors, and the effect of those cancers on childrenâ (TM)s health and functional capacity, including the relative levels of functional limitation typically associated with the cancers and their treatment. This report also provides a summary of selected treatments currently being studied in clinical trials and identifies any limitations on the availability of these treatments, such as whether treatments are available only in certain geographic areas.

Here is the new standard reference book on tumours of the nervous system. All neoplasms of the central and peripheral nervous systems and their immediate coverings, together with tumours of associated intra-cranial and spinal structures are covered in this brand new book. Cysts, vascular malformations and infective lesions are also included. Practical diagnostic considerations are given priority throughout the text, and the revised WHO classification for CNS tumours is used throughout. Pathology - gross appearances, microscopic appearances on cryostat and smears, routine histology, special stains, immunocytochemistry and electron microscopy Clinical features - presenting signs and symptoms, brief details of investigations (imaging etc) familial and genetic aspects and associated lesions Differential diagnosis - illustrations, concise lists and tables enabling rapid comparison of differentiating diagnostic histological features Therapy and complications, behaviour and prognosis Latest information on molecular genetic aspects of tumours Includes the revise WHO classifications for CNS tumours

This updated edition remains the essential text for pathologists seeking to make accurate diagnoses from the vast number of differentials.

****When not purchasing directly from the official sales agents of the WHO, especially at online bookshops, please note that there have been issues with counterfeited copies. Buy only from known sellers and if there are quality issues, please contact the seller for a refund.***** Breast Tumoursis the second volume in the 5th edition of the WHO series on the classification of human tumors. This series (also known as the WHO Blue Books) is regarded as the gold standard for the diagnosis of tumors and comprises a unique synthesis of histopathological diagnosis with digital and molecular pathology.

These authoritative and concise reference books provide indispensable international standards for anyone involved in the care of patients with cancer or in cancer research, underpinning individual patient treatment as well as research into all aspects of cancer causation, prevention, therapy, and education. This book will be of special interest to pathologists, oncologists, surgeons and epidemiologists who manage or research

breast tumors. Sections are included on all recognized neoplasms of the breast including the nipple and areola. Since the previous edition there have been changes based on recent molecular and genetic information, with impact on clinical practice.
WHO Classification of Tumours of the Central Nervous SystemInternational Agency for Research on Cancer
Despite the availability of many effective treatments, there remains a therapeutic nihilism associated with brain tumors. This highly readable second edition of Fast Facts: Brain Tumors challenges this view, starting from the premise that patients with brain tumors can truly benefit from a thoughtful multidisciplinary approach.This comprehensive handbook covers all the salient features of the various brain tumors and treatment modalities in a way that will be useful to the practicing clinician.- Advances in radiology and pathology that have led to more precise and detailed diagnoses- Developments in molecular biology and imaging techniques that have improved available diagnostic modalities- New neurosurgical techniques that have enabled operations on tumors that were previously considered inoperable- Novel delivery systems that allow various treatments to reach tumors that are otherwise protected by the blood-brain barrier.This fully updated edition of Fast Facts: Brain Tumors bridges the gap between primary care providers - whose role is pivotal in tumor detection and subsequent patient care - and first-level specialists such as general neurologists and neurosurgeons. Its key message is that selection of the best initial approach for an individual patient will result in the best overall outcome, both in terms of survival and quality of life.Fast Facts: Brain Tumors is specifically for the primary care physician whose role is pivotal in tumor detection and subsequent patient care.
Pediatric CNS Tumors is a detailed review of childhood brain tumors with a particular emphasis on providing treatment algorithms for each tumor type. Controversies and current therapeutic agents under development are also discussed. The second edition includes expanded chapters on embryonal tumors, rare tumor types, and supportive care for patients with brain tumors.
This book provides a comprehensive, practical, and timely guide to neurorehabilitation for patients affected by tumors of the central nervous system. These patients encounter various physical and psychosocial impairments, due to sensory-motor, psychological and cognitive limitations, as well as depression, anxiety and fatigue. These common tumor and treatment consequences reduce quality of life and produce long-term limitation in functioning and disability that may benefit from rehabilitative interventions. In the early stages of the disease, rehabilitation aims at restoring functioning after tumor treatment, while in the advanced stages, rehabilitation becomes an integral part of palliative care, which aims to increase patients' independence, to prevent complications and to improve quality of life. Based on an interdisciplinary approach, the book is structured in two main parts. The first is devoted to the basics of cancer and to the main clinical features of the tumors of the nervous system, as well as to the essentials of therapeutic approaches. The second part is dedicated to rehabilitation issues, providing the tools for health personnel to take in charge persons affected by neuro-oncological disease. This unique volume is a valuable resource for all health professionals (physicians, psychologists, trainees nurses specialized in neuro-oncology, occupational therapists, physiotherapists, speech therapists) involved in the interdisciplinary management of individuals affected by tumors of the central nervous

system.

This comprehensive, yet practical, text is a ready collection of the most up-to-date information on primary CNS tumors. Authored by a carefully selected group of the world's leading clinicians and scientists, the book is divided into three sections. The opening chapters cover general principles, including epidemiology, pathogenesis, tumor stem cells, supportive care, complications of therapy, and quality of life. The remaining two sections are comprised of treatment-oriented chapters covering the spectrum of gliomas and rarer tumor types. Each of these chapters presents multi-disciplinary therapeutic approaches and addresses specific disease concerns. Throughout, the authors incorporate the cutting-edge advances in molecular biology and genomics that are revolutionizing neuro-oncology. The result is an important clinical resource which provides evidence-based data and interpretation essential to intelligent therapeutic decision making.

The WHO Classification of Skin Tumours is the 11th volume in the 4th edition of the WHO series on the classification of human tumours. The series (also known as the Blue Books) has long been regarded by pathologists as the gold standard for the diagnosis of tumours, and it is an indispensable guide for the design of evaluations, clinical trials, and studies involving cancer. These authoritative and concise reference books provide an international standard for anyone involved in cancer research or the care of cancer patients. Diagnostic criteria, pathological features, and genetic and other associated molecular alterations are described in a disease-oriented manner. This volume updates the existing ICD-O codes and provides new codes for use in epidemiology and cancer registration. It also provides information on clinical features, pathology, genetics, prognosis, and protective factors for each of the tumour types covered. The editors expect that this volume will be of particular interest to pathologists, oncologists, and dermatologists who manage or research skin tumours. Sections are included on all recognized neoplasms (and their variants) of the skin and its adnexae. Since the previous edition, there have been particularly substantial changes to the classification of melanoma, based on the latest information from genetic and molecular studies.

This is the 5th volume in a WHO series on histological and genetic typing of human tumours. This edition focuses on cancers of the breast and female genital organs, and describes diagnostic criteria, pathological features, associated genetic alterations and gene expression patterns in a disease-oriented manner. Sections on all recognised neoplasms and their variants include new ICD-O codes, incidence, age and sex distribution, location, clinical signs and symptoms, pathology, genetics and predictive factors. It contains colour photographs, X-rays, computed tomography (CT) and magnetic resonance (MR) images, charts and over 3,200 references. The classifications presented reflect the views of WHO working group conferences held in France in January and March 2002, and the volume was produced in collaboration with the International Academy of Pathology.

Knowledge about the etiology and diagnosis as well as treatment concepts of neu-oncologic diseases is rapidly growing. This turnover of knowledge makes it dif? cult for the physician engaged in the treatment to keep up to date with current therapies. This book sets out to close the gap and pursues several innovative concepts. As a comprehensive text on neuro-oncology, its chapters are interconnected, but at the

same time some chapters or subdivisions are so thoroughly assembled that the whole volume gives the impression of several books combined into one. Neuropathology is treated in an extensive and clearly structured section. The int- ested reader ? nds for each tumor entity the latest well-referenced consensus rega- ing histologic and molecular pathology. Through this “book-in-the-book” concept, information on neuropathology is readily at hand in a concise form and without ov- loading the single chapters. Pediatric neuro-oncology differs in many entities from tumors in adult patients; also, certain tumors of the CNS are typically or mainly found only in the child. Therefore, pediatric neuro-oncology was granted its own, book-like section. Tumor entities that are treated differently in children and adults are included both in the pediatric neuro-oncology section and in the general section. Entities that typically occur only in the child and adolescent are found in the pediatric section in order to avoid redundancies.

This book reviews the significant advances in our understanding of glioma biology that have been achieved during the past decade and describes in detail the resultant new approaches to treatment. Improvements in surgical techniques, radiation therapy, and chemotherapy are comprehensively covered, with discussion of their impact in decreasing patient morbidity and increasing survival. In addition, individual chapters are devoted specifically to current treatment for low-grade gliomas, anaplastic gliomas, and glioblastoma multiforme. Other topics addressed include treatment of the elderly patient, investigating emerging therapies from small molecules to immunotherapy and palliative care. This timely book will be a valuable source of up-to-date information for practitioners and will also be of interest to researchers.

At head of title: International Agency for Research on Cancer (IARC).

The second edition of this concise reference book was prepared by 106 authors from 21 countries and covers the neuro-oncological literature until January 2000. Diagnostic criteria, pathological features and associated genetic alterations are described in a strictly disease-oriented manner. Sections on more than 70 neoplasms and their variants include ICD-O codes, incidence, age and sex distribution, location, clinical signs and symptoms, pathology, genetics and predictive factors. New disease entities include the chordoid glioma of the third ventricle and the cerebellar liponeurocytoma. Inherited tumor syndromes involving the nervous system are dealt with in a separate chapter, combining diagnostic criteria, pathology and genetics.

This second edition reflects the present stage of knowledge and advances in the histological typing of tumours of the central nervous system over the past 13 years since the first edition was published. The publication is intended to promote the adoption of a uniform terminology that will facilitate and improve communication among cancer workers.

****When not purchasing directly from the official sales agents of the WHO, especially at online bookshops, please note that there have been issues with counterfeited copies. Buy only from known sellers and if there are quality issues, please contact the seller for a refund.***** Thoracic Tumoursis the fifth available volume in the fifth edition of the WHO series on the classification of human tumours. This series (also known as the WHO Blue Books) is regarded as the gold standard for the diagnosis of tumours and comprises a unique synthesis of histopathological diagnosis with digital and molecular pathology. These authoritative and concise reference books provide indispensable

international standards for anyone involved in the care of patients with cancer or in cancer research, underpinning individual patient treatment as well as research into all aspects of cancer causation, prevention, therapy, and education. What's new in this edition? The fifth edition, guided by the WHO Classification of Tumours Editorial Board, establishes a single coherent cancer classification presented across a collection of individual volumes organized on the basis of anatomical site (digestive system, breast, soft tissue and bone, etc.) and structured in a systematic manner, with each tumour type listed within a taxonomic classification: site, category, family (class), type, and subtype. In each volume, the entities are now listed from benign to malignant and are described under an updated set of headings, including histopathology, diagnostic molecular pathology, staging, and easy-to-read essential and desirable diagnostic criteria. Who should read this book? * Pathologists * Oncologists * Respiratory physicians * Thoracic radiologists * Cancer researchers * Surgeons * Epidemiologists * Cancer registrars This volume: * Prepared by 217 authors and editors * Contributors from around the world * More than 1000 high-quality images * More than 3500 references

This fourteenth volume of the series provides comprehensive, current information on the diagnosis, therapy and prognosis of brain tumors and spinal tumors. For the readers' convenience, contributions are organized into three categories of Pineal Tumors, Pituitary Tumors, and Spinal Tumors. Readers will find discussion of various aspects of a number of tumor types, including angiocentric glioma, pilomyxoid astrocytoma, pituicytoma, pediatric low-grade gliomas, meningiomas and spinal cord tumors. Expert oncologists, neurosurgeons, physicians, research scientists and pathologists from around the world have contributed to this extensive publication. Their chapters highlight practical experience and provide exceptional insight into the nature of cancer. The authors cover topics ranging from the use of molecular criteria in diagnosis and targeting of medicine, through evidence-based approaches, to in-depth discussion of long-term follow-up after surgery. This handbook, as earlier volumes in the series, will appeal to professionals involved in the treatment of cancer, as well as to researchers. The series crosses subjects of diagnosis, drug development, therapy and its assessment and prognosis of tumors of the central nervous system, cancer recurrence and resistance to chemotherapy.

Organized according to the 2016 World Health Organization (WHO) Classification of Tumors of the Central Nervous System, Imaging of CNS Tumors is a concise imaging reference for CNS tumors as well as tumor mimics. This unique, heavily illustrated title covers essential imaging features of more than 120 different types of brain and spine tumors, making it a valuable resource for residents and practitioners in radiology, neurosurgery, neuro-oncology, neuropathology, and neurology, as well as for medical and graduate students and research scientists with interest in CNS tumors.

In the decade since the publication of the Third Series Fascicle on Tumors of the Central Nervous System, many new entities have been described, prognostic significance of certain tumor subtypes established, grading systems revised, and molecular features have been correlated with tumor types and grades. Drs. Burger and Scheithauer have integrated all of these new findings, as well as classical morphological clinical and neuroradiological descriptions and illustrations, into an entirely new and completely up-to-date text/atlas that demystifies the complex subject

of CNS tumors and tumor-like lesions for the general pathologists. The discussion of normal anatomy includes cytologic and radiologic correlations, as do discussions of each of the common and rare CNS lesions. Virtually all of the non-radiographic illustrations are in color, and references are current through 2006 and 2007 (the 2007 World Health Organization classification is used throughout the Fascicle). In addition to encyclopedic coverage of CNS neoplasms, approximately 15 percent of the almost 600 text pages are devoted to the numerous benign tumor-like lesions of various etiologies that may be mistaken for neoplasms. A set of fifteen Appendices is devoted to differential diagnostic algorithms which simplify the approach to a difficult specimen. The authoritative yet user-friendly approach of the authors has created a work that will be useful for many years to both pathologist and clinicians interested in tumors of the central nervous system.

Considered one of the most devastating and frightening of all cancers, cancers of the central nervous system (CNS) attack the complex organs that control not only the CNS but also the peripheral nervous system and many of the voluntary and involuntary body systems, with 20% to 40% of CNS cancers metastasizing to the brain. Site-Specific Cancer Series: Central Nervous System Cancers, a new volume in the Series edited by Deborah Hutchinson Allen and Laurie L. Rice, details the cancers of the brain and spinal cord. Chapters examine issues such as anatomy and physiology of the brain and spine, patient assessment, pathology, histology, and molecular markers of primary brain tumors, and adult and pediatric cancers of the brain and spinal cord. Other issues include treatment modalities (surgical treatments, chemotherapy, and radiotherapy), as well as pediatric therapeutic modalities, symptom management and psychological issues, and the current state of evidence-based practice. You can use this new volume as a guide to treating your patients and to providing sensitive and realistic care that optimizes the quality of life and permits a sense of hopefulness to prevail when many patients with type of cancer feel only pain and fear.

WHO Classification of Tumours of the Urinary System and Male Genital Organs is the eighth volume in the 4th Edition of the WHO series on histological and genetic typing of human tumours. This authoritative, concise reference book provides an international standard for oncologists and pathologists and will serve as an indispensable guide for use in the design of studies monitoring response to therapy and clinical outcome. Diagnostic criteria, pathological features, and associated genetic alterations are described in a strictly disease-oriented manner. Sections on all recognized neoplasms and their variants include new ICD-O codes, epidemiology, clinical features, macroscopy, pathology, genetics, and prognosis and predictive factors. It contains numerous color photographs, MRIs, ultrasound images, CT scans, charts and references.

This is a multi-specialty book on the diagnosis, evaluation, and treatment of CNS metastases of the brain and spine. Written by renowned experts in their fields, the book covers essential contemporary topics in CNS metastases care. The book is divided into seven parts that begin with chapters that cover the fundamental biology of disease so that subsequent chapters on imaging, diagnosis, treatment, and palliation can be properly contextualized. This text also provides a framework for understanding the biology of radiation therapy so that radiation treatment options of the brain and spine can be more fully understood. New medications and technologies are reviewed from

the perspective of maximizing efficacy and minimizing toxicity, independently and as combinatorial therapy. Central Nervous System Metastases: Diagnosis and Treatment serves as a practical reference for health care providers and trainees. It provides the comprehensive, detailed perspective required to provide holistic care to patients with metastatic disease to the brain and spine.

This volume contains the proceedings of the latest in a series of international symposia on advances in neuro-oncology, held September 26-29, 1990, in San Remo, Italy and sponsored by the University of Pavia, I.R.C.C.S. Policlinico San Matteo (Pavia, Italy) and the Giovanni Lorenzini Medical Foundation (Milan-Houston). It drew papers from six continents of the world, was attended by over 500 investigators, and demonstrated the extraordinary vitality, depth and breadth of research which characterizes modem neuro-oncology. Over the course of the last decade, there has been a remarkable shift in research carried out in the heterogeneous field of neuro-oncology, which appears to be away from clinical descriptive studies, and toward more basic and fundamental investigation of the pathology, immunohis tochemistry, biochemical and cellular subsets of brain tumors. Besides the traditional fields of neurology, neurosurgery, neuropathology, and radiation therapy, there has been an increased interest and involvement by investigators in the fields of medical oncology, neuroradiology, immunology, and many areas of fundamental neurobiology. It has become evident that interest has also been exhibited in a broader spectrum of tumors than just the malignant glial series, and studies in meningioma, craniopharyngioma, neurinomas, and the pituitary tumors were reported. Several sessions were devoted to the special problems of pediatric brain tumors.

Practical Surgical Neuropathy-a volume in the new Pattern Recognition series- offers you a practical guide to solving the problems you encounter in the surgical reporting room. Drs. Arie Perry and Daniel J. Brat present diagnoses according to a pattern-based organization that guides you from a histological pattern, through the appropriate work-up, around the pitfalls, and to the best diagnosis. Lavish illustrations capture key neuropathological patterns for a full range of common and rare conditions, and a "visual index" at the beginning of the book directs you to the exact location of in-depth diagnostic guidance. No other single source delivers the practical, hands-on information you need to solve even the toughest diagnostic challenges in neuropathology. Includes fully searchable access to the text online at expertconsult.com, along with an image bank of over 1430 downloadable images and tables. Provides all the information essential for completing a sign-out report: clinical findings, pathologic findings, diagnosis, treatment, and prognosis. Illustrates key pathologic and clinical aspects of disease entities through over 1430 superb, high-quality full-color images that help you evaluate and interpret biopsy samples. Presents a team of internationally recognized experts for authoritative and up-to-date information from leading diagnosticians in neuropathology. Features a user-friendly design with patterns color-coded to specific entities in the table of context and text and key points summarized in tables, charts, and graphs so you can quickly and easily find what you are looking for. Directs you to the chapter and specific page number of the in-depth diagnostic guidance you need through a unique, pattern-based visual index at the beginning of the book. Details key diagnostic features associated with rare and esoteric conditions in a visual encyclopedia with distinctive findings and artifacts for unusual patterns at the end of the book. Your purchase entitles you to access the web site until the next edition is published, or until the current edition is no longer offered for sale by Elsevier, whichever occurs first. Elsevier reserves the right to offer a suitable replacement product (such as a downloadable or CD-ROM-based electronic version) should access to the web site be discontinued.

The book contains the information of various aspects of newer developments and recent advances in the field of central nervous system (CNS) tumor molecular biology, tumor progression, clinical presentation, imaging and management. The authors from different reputed institutions shared their knowledge on this open access platform to disseminate their knowledge at global level. As it is obvious in the current text, the field of neurooncology is heterogeneous and under continuous development with addition of new knowledge and information on regular basis. The collective contributions from experts attempt to provide updates regarding ongoing research and developments pertaining to CNS tumor genetics and molecular aspects and their applied aspect in reference to patient management.

The field of adolescents and young adult (AYA) oncology is experiencing a very challenging time. This book is a guide to the key issues for any clinician and health professional managing AYA with cancer in Europe. Emphasis is on collaboration between adult and pediatric specialists. Authors present their perception of the current state of the most prominent primary issues in AYA oncology. Chapters cover cross-cutting issues such as disease epidemiology, systems of care, access to innovative therapy and late effects of treatment and survivorship for AYA-onset cancers. There are discussions of the latest developments and the most important cancer types for AYA, including the shared perspectives of adult and pediatric specialists. Throughout the book recurrent challenges to the AYA community are exposed and solutions proposed. Tumors in Adolescents and Young Adults is highly recommended to any oncologist or haematologist treating patients aged 15 to 39 diagnosed with cancer. It will also be of interest to other members of the multidisciplinary teams involved with this patient group.

Part of the 'Oxford Textbooks in Clinical Neurology' series, this volume covers the pathophysiology, diagnosis, classification, and management of tumours of the nervous system.

First book to achieve an integrated medical and surgical approach to tumors of the pediatric nervous system, giving you a broad array of treatment options. You will find full coverage of the newest diagnostic and management techniques, state-of-the-art technologies, molecular biology advances, and the latest trends in the operating theatre. And you will benefit from in-depth discussions of the most commonly seen tumors as well as the rarer and more esoteric ones.Special benefits of Tumors of the Pediatric Nervous System:- Full discussions of medical and surgical treatment protocols, with advantages, disadvantages, complications, and outcomes of each - Coverage of dramatic advances in genetics, molecular biology and surgery (e.g. endoscopic, frameless, stereotaxy) as well as chemotherapy, radiotherapy, and immunotherapy- Dozens of case studies by leaders in the field offering important clinical insights- Numerous algorithms, charts, tables, and management guidelines for at-a-glance summaries of key points- Nearly 130 full-color pathologic slides- Cost/benefit analysis integrated throughoutTake advantage of this comprehensive approach to diagnosis and treatment that is so critical in today's health care environment. Whether you are a surgeon, oncologist, pediatrician or ancillary specialist, you will find a wealth of broad-based information that enhances patient care and leads to improved outcomes. Stay informed and up-to-date.

This book is a comprehensive and up-to-date compendium of all aspects of brain tumors in children. After introductory chapters on the epidemiology of brain tumors, the book will provide readers with state-of-the art chapters on the principals of radiation therapy, neurosurgery and neuroimaging. Subsequent chapters discuss the biology and treatment of specific types of brain tumors. The concluding chapters present critical information relevant to survivorship, neurocognitive and other late effects, and the global challenges to better diagnosis and treatment of brain tumors in children. This book is co-authored by experts in the treatment of pediatric brain tumors. All of the authors are internationally recognized authorities and they offer an evidence-based consensus on the biology and treatment of brain tumors. This handbook has far-reaching applicability to the clinical diagnosis and management of brain tumors in children and will prove valuable to specialists, generalists and trainees alike.

A novel concept that is reviewed and discussed in several chapters in the book alludes to the transport of drugs bound to red blood cells into the highly vascular CNS tumors - both primary and metastatic. Such a transport mechanism is unique and of significant therapeutic potential. It is hopeful that the novel information presented in this book will result in new approaches to the treatment CNS tumors.

This book presents and analyzes clinical cases of brain tumors and follows the classification provided by the WHO in 2016. After introductory chapters reviewing the international literature on the topic, the advances made in all imaging modalities (especially Magnetic Resonance and Computed Tomography) are examined.All radiological findings are supplemented with a wealth of images and brief explanations. The clinical information is given as part of the case discussion, as are the characteristics and differential diagnosis of the tumors. Radiologic-pathologic correlations round out the description of each clinical case.Intended as a quick and illustrative reference guide for radiology residents and medical students, this atlas represents the most up-to-date, practice-oriented reference book in the field of Brain Tumor Imaging.

WHO Classification of Tumours of the Central Nervous System is the revised fourth edition of the WHO series on histological and genetic typing of human tumors. This authoritative, concise reference book provides an international standard for oncologists and pathologists and will serve as an indispensable guide for use in the design of studies monitoring response to therapy and clinical outcome. Diagnostic criteria, pathological features, and associated genetic alterations are described in a disease-oriented manner. Sections on all recognized neoplasms and their variants include new ICD-O codes, epidemiology, clinical features, macroscopy, pathology, genetics, and prognosis and predictive factors. The book, prepared by 122 authors from 19 countries, contains more than 800 color images and tables, and more than 2800 references.

Intracranial germ cell tumors are a group of uncommon neoplasms of the central nervous system. The clinical features and natural history of these lesions are quite unique and variable. While intracranial germ cell tumors have been a fascination to neurooncologists for decades, the relatively small number of patients seen in any single institution has hampered the important clinical investigation that is so needed. This text is complete with detailed information concerning the epidemiology, pathology, oncological biology, clinical findings, radiology, and treatment options including surgical strategy, radiotherapy, and chemotherapy for this heterogeneous group of neoplasms. The ongoing clinical trials concerning the optimization of therapy are efficiently summarized. An important final segment addresses the late sequelae of therapy which is of great significance since the majority suffering from these tumors are young patients. This first and only book on intracranial germ cell tumors includes excellent and comprehensive data sheets, illustrations, and radiograms. It provides a detailed and outstanding reference source for physicians taking care of patients with intracranial germ cell tumors, and will be a very welcome edition to their reference libraries.

“The editors...have done an outstanding job of presenting...complex information in a lucid manner – this book is a must-read for the global community of aspiring students and neuro-oncology practitioners.” Amar Gajjar, MD in the Foreword This is a succinct introduction to pediatric neuro-oncology. It summarizes the key advances in molecular biology that have helped transform this rapidly evolving field and provides up-to-date coverage of major and emerging treatment modalities as well as supportive care. Separate chapters present each kind of pediatric brain cancer and its diagnosis and treatment. As more children survive brain cancer, the importance of quality of life issues

and helping survivors to cope with the neuropsychological impact and long-term effects of current therapies has come into sharper focus; these topics are also addressed in the book, as are palliative care and pediatric neuro-oncology in countries with limited resources. The book is aimed at trainees and practitioners who seek an up-to-date text in pediatric neuro-oncology that is both comprehensive and concise.

This edition of ICD-O, the standard tool for coding diagnoses of neoplasms in tumour and cancer registrars and in pathology laboratories, has been developed by a working party convened by the International Agency for Research on Cancer / WHO. ICD-O is a dual classification with coding systems for both topography and morphology. The book has five main sections. The first provides general instructions for using the coding systems and gives rules for their implementation in tumour registries and pathology laboratories. Section two includes the numerical list of topography codes, which remain unchanged from the previous edition. The numerical list of morphology codes is presented in the next section, which introduces several new terms and includes considerable revisions of the non-Hodgkin lymphoma and leukaemia sections, based on the WHO Classification of Hematopoietic and Lympoid Diseases. The five-digit morphology codes allow identification of a tumour or cell type by histology, behaviour, and grade. Revisions in the morphology section were made in consultation with a large number of experts and were finalised after field-testing in cancer registries around the world. The alphabetical index gives codes for both topography and morphology and includes selected tumour-like lesions and conditions. A guide to differences in morphology codes between the second and third editions is provided in the final section, which includes lists of all new code numbers, new terms and synonyms added to existing code definitions, terms that changed morphology code, terms for conditions now considered malignant, deleted terms, and terms that changed behaviour code.