

# [MOBI] The Classical Brain Stem Syndromes Translations Of The Original Papers With Notes On The Evolution Ofclinical

Getting the books **the classical brain stem syndromes translations of the original papers with notes on the evolution ofclinical** now is not type of inspiring means. You could not abandoned going like ebook buildup or library or borrowing from your associates to edit them. This is an utterly simple means to specifically get lead by on-line. This online broadcast the classical brain stem syndromes translations of the original papers with notes on the evolution ofclinical can be one of the options to accompany you next having additional time.

It will not waste your time. agree to me, the e-book will no question proclaim you additional event to read. Just invest little grow old to right of entry this on-line declaration **the classical brain stem syndromes translations of the original papers with notes on the evolution ofclinical** as skillfully as evaluation them wherever you are now.

**The Classical Brain Stem Syndromes**-John K. Wolf 1971 Articles documenting the burgeoning growth of knowledge about clinical neuroanatomy in the latter part of the 19th century. The papers included in this collection were written between 1855 and 1911, and concern patients who had lesions of the brain stem, the region between the brain itself and the spinal cord. Each chapter is preceded by the editor's comment on the syndrome itself, and a description of the anatomy of the lesion. This is followed by a discussion of the paper itself in terms of its historical significance.

**The classical brain stem syndromes**-John K. Wolf 1977

**Textbook of Stroke Medicine**-Michael Brainin 2009-11-19 Practical textbook aimed at doctors beginning work on a stroke unit or residents embarking on training in stroke care.

**Stroke Syndromes**-Louis R. Caplan 2012 "The first two editions of Stroke Syndromes were widely welcomed as authoritative reference works in the assessment and diagnosis of stroke. This revised and updated third edition remains the definitive guide to patterns and syndromes in stroke. A comprehensive survey of all types of

neurological, neurophysiological and other clinical dysfunction due to stroke. The book contains descriptions of clinical problems encountered in stroke patients and their differential diagnosis, enhancing pattern recognition and enabling clinicians to differentiate between possible locations on the basis of symptoms and signs. The companion volume Uncommon Causes of Stroke completes this highly authoritative reference work which clinicians in neurology will find essential to the understanding and diagnosis of stroke"--

**Intracranial Atherosclerosis**-Jong S. Kim 2009-01-26 Intracranial atherosclerosis is the dominant cause of stroke inover 70% of the world's population. Globalization is leadingto an increasingly heterogeneous society everywhere. Advances in imaging technology allow this previously inaccessible pathology to be clinically studied. Edited by internationally renowned clinicians, IntracranialAtherosclerosis is the first book to examine intracranialcauses of stroke. Clinical practice is allied with basic science to guide all those with an interest in stroke on the diagnosis andmanagement of intracranial atherosclerosis.

**Brainstem Disorders**-Peter P. Urban 2011-06-24 The topography of the brainstem is complex, and even experienced neurologists find it challenging to localize brainstem lesions and diagnose brainstem disorders. This richly

illustrated book provides a comprehensive review of brainstem disorders and presents the clinical knowledge necessary for diagnosis. The opening sections document the brainstem neuroanatomy and discuss current diagnostic methods. The entire spectrum of clinical findings in brainstem disorders is then described, and topodiagnostic aspects of the neurological findings are explained in detail. The descriptions of brain stem disorders are consistently structured and are supported by many MR images and short case reports. In addition to primary brainstem lesions, such as vascular brainstem syndromes, other disorders are considered that do not exclusively show brainstem symptoms or signs, e.g., multiple sclerosis. This book will serve as an invaluable reference work for neurologists in clinical practice or further education.

#### **SOLITARY ABSCESS OF THE BRAINSTEM.-**

George D. Weickhardt 1964 A total of 38 reported cases of solitary abscess of the brainstem were studied. The route of infection may be direct extension usually from suppuration from the middle ear or hematogenous spread from a remote focus. In some instances, the route of infection is unknown. The clinical picture often is complicated by the presence of basal meningitis or dural thrombophlebitis. The most frequent signs and symptoms described in all 38 patients were facial weakness, fever, headache, hemiparesis, dysphagia, and vomiting, but classical brainstem syndromes (that is, alternating cranial nerve and long tract signs) were present in only 11. (Author).

**Cerebral Small Vessel Disease**-Leonardo Pantoni 2014-05-01 Up-to-date discussion of the etiology, diagnosis, treatment, and prevention of this common cause of stroke and cognitive impairment.

**DeJong's The Neurologic Examination**-William Campbell 2019-02-11 This popular reference is the definitive guide on exam techniques for neurology residents, fellows, and practitioners, integrating details of neuroanatomy and diagnosis in an easy-to-read, easy-to-follow format. A new clinical focus, new videos online, and new illustrations make DeJong's The Neurologic Examination, 8th Edition, even more useful for mastery of this complex area. Anatomical and exam illustrations

ensure proper technique, and illustrative case studies and tables summarize differentials and clinical findings.

**Neurological Syndromes**-J. Gordon Millichap 2013-08-04 Neurological Syndromes: A Clinical Guide to Symptoms and Diagnosis offers a concise, invaluable resource for understanding how a group of neurologic symptoms or signs collectively characterize a disease or disorder. Intended as a quick reference guide to the better known and some less familiar syndromes of neurological interest and developed by a renowned pediatric neurologist with more than 40 years experience in treating children, adolescents, and young adults, this handy title provides a definition of each syndrome that includes diagnostic characteristics and abnormalities, a differential diagnosis, genetic considerations, and a short list of references. To those readers who can recall the name of a syndrome, the alphabetical presentation should facilitate a review of the major diagnostic characteristics. The original reference is provided for historical interest, and review articles are included to show recent advances in etiology and treatment. The index is arranged in alphabetical order of the named syndromes and also according to the involvement of various organs in addition to the nervous system. A unique contribution to the literature, Neurological Syndromes: A Clinical Guide to Symptoms and Diagnosis will be of great interest to the wide variety of clinicians treating patients with neurologic disease.

**DeJong's The Neurologic Examinations**-Lakshmi Narasimhan Ranganathan 2019-01-01 Key Points: Numerous illustrations and clinical images ensure proper technique and emphasize key information necessary for an optimally effective examination. Case scenarios bridge the gap between the book and the bedside. The comments section has been tailored to maximize concept in minimum content.

**DeJong's The Neurologic Examination**-William W. Campbell 2012-10-22 Now in its Seventh Edition, DeJong's The Neurologic Examination has been streamlined and updated for a new generation. An absolutely comprehensive, detailed guide to techniques on the neurologic examination, this book integrates

details of neuroanatomy and clinical diagnosis in a readable manner. The text is supplemented by helpful boxes that highlight clinical pearls and offer illustrative cases, and tables summarize differentials and lists of clinical findings.

**Human Neuroanatomy**-James R. Augustine  
2017-02-13 10.3.1 Electrical stimulation of cochlear efferents

**Vascular Brain Stem Diseases**-Bernhard Hofferberth 1990

**DeJong's the Neurologic Examination**-William Wesley Campbell 2005 This classic text is a comprehensive, detailed guide to the neurologic examination. The book provides a thorough understanding of both the techniques of the examination and the anatomic and physiologic bases of the results. The brand new edition offers you a complete, concise reference you'll use everyday to quickly interpret the signs and symptoms of neurologic dysfunction, compare and contrast abnormalities, confirm findings, and make accurate differential diagnoses confidently to assess responses to treatment. This heavily revised new edition provides complete coverage of the nervous system including anatomic and physiologic presentation of disorders, recommended examination procedures, neurodiagnostic and laboratory testing, diagnostic reasoning, and neurologic differential diagnosis guidelines. You'll confidently identify the signs and symptoms of disease, know when additional diagnostic testing is indicated, accurately interpret diagnostic data, and recommend effective treatment options.

**Brain Mapping**-Arthur W. Toga 2000-05-10 Brain mapping has forever altered and extended our understanding of the systems of the brain. The integrative capacity of brain maps enables the inclusion of a diverse array of observations and experimental results. Maps are used to describe brain structure, function, and connectivity, to catalog the ever-expanding knowledge base of human and animal nervous systems, to compare healthy tissue with diseased tissue, and to show detailed subsystems and circuits. Brain Mapping: The Systems is a compilation of the current research and developments in brain mapping. This book, the

second in a series, provides an encyclopedic survey of brain maps characterizing the specific systems of the brain. It is a natural companion to Brain Mapping: The Methods because it describes the use of these techniques to create maps of the normal brain. It is an essential resource for all scientists, clinicians, and students interested in brain mapping. Key Features \* Brings together the latest developments in brain mapping in one volume \* Provides a detailed and chronological perspective of the field \* Progresses from descriptions of underlying anatomic framework for mapping primary functional systems to more complex cognitive and emotional behaviors \* Includes numerous full-color illustrations for comparing and contrasting brain structure and function \* Allows for the integration of disparate information about the brain

**Textbook of Peripheral Neuropathy**-Peter D. Donofrio, MD 2012-04-17 Textbook of Peripheral Neuropathy is a practical but authoritative reference for clinicians in any medical specialty who are evaluating and treating patients with signs and symptoms of a peripheral neuropathy. Reviewing the full spectrum of clinically significant neuropathies, the book contains chapters on common and rare forms including mononeuropathy in the upper and lower extremities, mononeuritis multiplex, diffuse and symmetric polyneuropathies, brachial and lumbosacral plexopathies, and spinal root disorders. Disorders that can mimic diffuse and/or focal neuropathies, complicating diagnosis and evaluation. Coverage encompasses both inherited and acquired diseases, including neuropathies arising from physical injury, diabetes, alcoholism, toxins, autoimmune responses, nutritional deficiencies, vascular and metabolic disorders, medication-induced neuropathies, and idiopathic conditions. The textbook provides an evidence-based approach to testing, differential diagnosis, and treatment, and should serve as a trusted resource for healthcare professionals confronting the many manifestations of peripheral neuropathy in clinical practice. The chapters are written by internationally renowned expert contributors with deep clinical experience and contain numerous tables, figures, and algorithms providing clear diagnostic and management guidelines. Boxed Clinical Pearls and Key Points allow for quick access to pertinent information, making evaluation and

review easy and rewarding. Features of Textbook of Peripheral Neuropathy Include: Practical yet comprehensive and accessible go-to reference for clinicians Covers all clinically relevant peripheral neuropathies Clinical Pearls and Key Points are set off from the text for quick reference Contains clear diagnostic and management guidelines from expert contributors Structured chapters make it easy to find essential point-of-care information

**Marsden's Book of Movement Disorders**-Ivan Donaldson 2012-03-29 'Marsden's Book of Movement Disorders' represents the final work of the late Professor C. David Marsden, who was the most influential figure in the field of movement disorders, in terms of his contributions to both research and clinical practice, in the modern era. It was conceived and written by David Marsden and his colleague at the Institute of Neurology, Prof. Ivan Donaldson. It was their intention that this would be the most comprehensive book on movement disorders and also that it would serve as the 'clinical Bible' for the management of these conditions. It provides a masterly survey of the entire topic, which has been made possible only by vast laboratory and bedside experience. The coverage of this comprehensive online resource includes the full breadth of movement disorders, from the underlying anatomy and understanding of basal ganglia function to the diagnosis and management of specific movement disorders, including the more common conditions such as Parkinson's Disease through to very rare conditions such as Neimann-Pick disease. Chapters follow a structured format, featuring historical overviews, definitions, clinical features, differential diagnosis, investigations and treatment covered in a structured way. Figures include many original photographs and diagrams of historical significance, which can all be downloaded as PowerPoint presentations. Among these illustrations are still images of some original film clips of some of Dr. Marsden's patients published here for the first time. Comprehensively referenced, with links through to primary research journal articles, and updated by experts from the Institute of Neurology at Queen Square, 'Marsden's Book of Movement Disorders' is a valuable reference for movement disorder specialists and researchers, as well as clinicians who care for patients with movement disorders.

**The Diagnosis of Stupor and Coma**-Fred Plum 1982 "The book is aimed at medical students and residents, in fields from internal medicine and pediatrics to emergency medicine, surgery, neurology, neurosurgery, and psychiatry, who are likely to encounter patients with disordered states of consciousness. It includes historical background and basic neurophysiology that is important for those in the clinical neurosciences, but also lays out a practical approach to the comatose patient that is an important part of the repertoire of all clinicians who provide emergency care for patients with disorders of consciousness."--BOOK JACKET.

**Vertebrobasilar Ischemia and Hemorrhage**-Louis R. Caplan 2015-04-02 A comprehensive review of vascular disease in the vertebrobasilar circulation by one of the world's leading authorities, fully updated throughout.

**A Textbook of Neuroanatomy**-Maria A. Pateas 2016-02-16 Newly revised and updated, A Textbook of Neuroanatomy, Second Edition is a concise text designed to help students easily master the anatomy and basic physiology of the nervous system. Accessible and clear, the book highlights interrelationships between systems, structures, and the rest of the body as the chapters move through the various regions of the brain. Building on the solid foundation of the first edition, A Textbook of Neuroanatomy now includes two new chapters on the brainstem and reflexes, as well as dozens of new micrographs illustrating key structures. Throughout the book the clinical relevance of the material is emphasized through clinical cases, questions, and follow-up discussions in each chapter, motivating students to learn the information. A companion website is also available, featuring study aids and artwork from the book as PowerPoint slides. A Textbook of Neuroanatomy, Second Edition is an invaluable resource for students of general, clinical and behavioral neuroscience and neuroanatomy.

**Neuroanatomy for the Neuroscientist**-Stanley Jacobson 2011-12-02 In this day where research grants are the primary focus, many young investigators are thrown into neurosciences courses without any prior preparation in neuroanatomy. This book is designed to help

prepare them by introducing many of the fundamentals of the nervous system. It represents the essentials of an upper level biology course on the central nervous system. It is not designed to be a clinical approach to the nervous system, but rather it approaches the nervous system from a basic science perspective that intertwines both structure and function as an organizing teaching and learning model. Medical and dental examples are included but the main focus is on neuroscience.

**Cerebral Ischaemia**-Jacques Bories 2012-12-06  
Numerous meetings have been devoted to cerebral The angiographic study specifies the indications vascular accidents during the last few years. Never of angiography in the study of cerebral ischemia, and theless our experience at La Salpetriere shows that the techniques to be used. It shows the main etiologic cerebral infarcts are not always well explored. Indi aspects. Because of the important place of vascular cations for angiography today, as well as the main surgery today, it seemed necessary to show also the CT aspects during the evolution of ischemia seem main post operative angiographic aspects. not to be always well known by radiologists. We After CT and angiography, some pages are re therefore thought it useful to have a special issue de served to more modem techniques: positron emis voted to cerebral ischemia; this is also the reason tomography which will perhaps allow us to bet why this special issue looks more like a thoroughly ter understand the pathophysiological signification worked out study than one exclusively devoted to a of imaging and magnetic resonance imaging, which limited number of scientific papers. will perhaps allow us to detect ischemic edema in the After a brief clinical and pathophysiological ap reversible stage, prior to frank infarction.

**Hydrocephalus**-Bora Güner 2018-08-01  
Hydrocephalus is a common manifestation of many diseases. Caring and treating a patient with hydrocephalus involve engagement and acquire a deep knowledge of anatomy, physiology, and technical details. Despite the technological developments, treatment of hydrocephalus is still a challenge for every neurological surgeon. The aim of this project is to provide a detailed and accessible information for every single discipline, not only for neurological

surgeons, involved in the diagnosis and treatment of the patients with hydrocephalus.

**Neuromodulatory Control of Brainstem Function in Health and Disease**-Brian R. Noga  
2020-03-25

**Clinical Neuro-Ophthalmology**-Ulrich Schiefer  
2007-08-29 Clinical Neuro-Ophthalmology is a challenge for residents and experienced clinicians alike. This book covers all relevant techniques of diagnosis as well as interpretations of clinical signs. All information is highly structured, highlighting 'definition', 'note' and 'pearl', so that it can also be used by the physician during the patient encounter. The included flow chart posters remind the physician of the most important information. Further, the accompanying animated CD contains: all of the text passages in a searchable format, interactive case demonstrations, animated sequences of clinical signs and video recordings of clinical examinations. This unique and practical guide offers invaluable and practical advice for physicians treating patients with neuro-ophthalmic problems.

**Integrated Neuroscience and Neurology**-Elliott M. Marcus 2014-08-22  
Integrated Neuroscience argues that in order to make an intelligent diagnosis and provide a rational treatment nervous system disorders, it is necessary to answer the basic questions of clinical neurology. Where is the disease process located, and what is the nature of the disease process? For students to answer these questions, the authors first review the makeup of the cells within the central nervous system and the development of the regions within the central nervous system. A detailed anatomical overview of the nervous system, starting at the spinal cord, proceeding to the brain stem, diencephalon and cerebrum follows. This textbook focuses not only on localized diseases caused by infectious diseases, trauma, tumors, and vascular lesions within the central nervous system, but also these diseases within the systems of the brain and spinal cord. Over 250 real cases with associated MRI or CTs and any pathological findings from these patients illustrate numerous disorders and fully explain the nature of the pathology. The authors have also included six problem solving sessions in which the student must identify the

ongoing disease process, what caused it, and how best to treat it. Throughout the discussion in this text the authors also correlate the neurological findings to the underlying anatomy of the region.

### **Diseases of the Brain, Head and Neck, Spine**

**2020-2023**-Juerg Hodler 2020-02-14 This open access book offers an essential overview of brain, head and neck, and spine imaging. Over the last few years, there have been considerable advances in this area, driven by both clinical and technological developments. Written by leading international experts and teachers, the chapters are disease-oriented and cover all relevant imaging modalities, with a focus on magnetic resonance imaging and computed tomography. The book also includes a synopsis of pediatric imaging. IDKD books are rewritten (not merely updated) every four years, which means they offer a comprehensive review of the state-of-the-art in imaging. The book is clearly structured and features learning objectives, abstracts, subheadings, tables and take-home points, supported by design elements to help readers navigate the text. It will particularly appeal to general radiologists, radiology residents, and interventional radiologists who want to update their diagnostic expertise, as well as clinicians from other specialties who are interested in imaging for their patient care.

**Movement Disorders**-Mark S. LeDoux 2005-01-25 The use of animal models is a key aspect of scientific research in numerous fields of medicine. This book vigorously examines the important contributions and application of animal models to the understanding of human movement disorders and will serve as an essential resource for basic neuroscientists engaged in movement disorders research. Academic clinicians, translational researchers and basic scientists are brought together to connect experimental findings made in different animal models to the clinical features, pathophysiology and treatment of human movement disorders. A vital feature of this book is an accompanying DVD with video clips of human movement disorders and their corresponding animal models. The book is divided into sections on Parkinson disease, Huntington disease, dystonia, tremor, paroxysmal movement disorders, ataxia, myoclonus, restless legs syndrome, drug-induced movement disorders, multiple system atrophy,

progressive supranuclear palsy/corticobasal degeneration and spasticity. This book serves as an essential resource for both clinicians interested in the science being generated with animal models and basic scientists studying the pathogenesis of particular movement disorders. \* Provides a single comprehensive resource on animal models of movement disorders that academic clinicians, translational researchers, and basic neuroscientists can refer to \* Includes contributions by expert movement disorder clinicians and top-level researchers in the field \* Features a DVD containing over 170 video clips of human movement disorders and the corresponding animal models

**Movement Disorders: Tremor**-Leslie J. Findley 1984-06-18

**Neurology in Africa**-William P. Howlett 2015-08-20 This practical, comprehensive and highly illustrated book will be invaluable to students and doctors of neurology and internal medicine in Africa.

**Neurocritical Care**-Werner Hacke 2012-12-06 A Quick Reference Text! Easy to read and practical in design, Neurocritical Care is the book specialists will turn to for quick reference. It concentrates on management problems, from diagnostic procedures to therapeutic strategies. Exact descriptions are given for treatment procedures, and it is easy to find the appropriate treatment for a given patient. International Expertise! More than 100 authors from North America have contributed to the book. The different strategies used on either side of the Atlantic have been described, the sections on neuroimaging have been reviewed by a neuroradiologist. Comprehensive in Scope! Both frequent and rare neurological diseases that may require critical care treatment and subjects of more general interest such as monitoring strategies, ethical problems, brain death and neurological disorders in internal medicine have been covered. Pathophysiology is also discussed, inasmuch as it is important for understanding the treatment strategies.

**Human Anatomy**-Alina Maria Sisu 2017-11-21 "Anatomia clavus et clavis medicinae est." Anatomy is a fundamental science that studies

the structure of the human body from ancient times. Over time, the discipline constantly expands with recent progress that has been produced in researching the human body. So, new methods of researching were incorporated in the anatomy development: plastic materials injections, plastination, computed techniques of sectional bodies, and embryology. Anatomic sections like macroscopic, mesoscopic, microscopic, and public anatomies; radiologic anatomy; computed anatomy; radiologic anatomies; and clinical anatomy contribute to realize a very complex discipline that represents the base of learning medicine.

**NORD Guide to Rare Disorders**-National Organization for Rare Disorders 2003 NORD Guide to Rare Disorders is a comprehensive, practical, authoritative guide to the diagnosis and management of more than 800 rare diseases. The diseases are discussed in a uniform, easy-to-follow format--a brief description, signs and symptoms, etiology, related disorders, epidemiology, standard treatment, investigational treatment, resources, and references. The book includes a complete directory of orphan drugs, a full-color atlas of visual diagnostic signs, and a Master Resource List of support groups and helpful organizations. An index of symptoms and key words offers physicians valuable assistance in finding the information they need quickly.

**Clinical Problems of Brainstem Disorders**-Klaus Kunze 1986

**Stroke Recovery and Rehabilitation, 2nd Edition**-Richard L. Harvey, MD 2014-09-18 The definitive core text in its field, Stroke Recovery and Rehabilitation is a comprehensive reference covering all aspects of stroke rehabilitation ó from neurophysiology of stroke through the latest treatments and interventions for functional recovery and restoration of mobility. This second edition is completely updated to reflect recent advances in scientific understanding of neural recovery and growing evidence for new clinical therapies. The second edition ó which includes free e-book access with every print purchase ó continues to provide in-depth information on the assessment and management of all acute and long-term stroke-related impairments and complications including cognitive dysfunctions,

musculoskeletal pain, and psychological issues. It examines risk factors, epidemiology, prevention, and neurophysiology as well as complementary and alternative therapies, functional assessments, care systems, ethical issues, and community and psychosocial reintegration. With contributions from over 100 acknowledged leaders from every branch of the stroke recovery field, this edition features expanded coverage of key issues such as the role of robotics and virtual reality in rehabilitation. New chapters have been incorporated to cover fields of recent exploration including transcranial magnetic stimulation, biomarkers, and genetics of recovery as well as essentials like the use of medication and the survivorís perspective. The up-to-date presentation of scientific underpinnings and multi-specialty clinical perspectives from physical medicine and rehabilitation, neurology, physical therapy, occupational therapy, speech and language pathology, and nursing ensures that Stroke Recovery and Rehabilitation will continue to serve as an invaluable reference for every health care professional working to restore function and help stroke survivors achieve their maximum potential. New to Stroke Recovery and Rehabilitation, Second Edition All chapters are thoroughly revised and updated to reflect advances in scientific understanding of neural recovery and clinical progress Five completely new chapters and expanded coverage of key issues that drive the field forward New contributions from leading stroke specialists from all involved disciplines Includes access to the fully-searchable downloadable ebook

**Comprehensive Review in Clinical Neurology**-Esteban Cheng-Ching 2012-03-28 This new review textbook, written by residents and an experienced faculty member from Cleveland Clinic, is designed to ensure success on all sorts of standardized neurology examinations. Presented in a comprehensive question-and-answer format, with detailed rationales, Comprehensive Review in Clinical Neurology is a must-have for both aspiring and practicing neurologists and psychiatrists preparation to take the RITE, the American Board of Psychiatry and Neurology written exams, and various recertification exams.

**Hypertensive Intracerebral Hemorrhage**-Masahiro Mizukami 1983

**Textbook of Clinical Neuroanatomy**-Vishram Singh 2014-08-14 This book is primarily designed for undergraduate medical and dental students. Also, it is an authoritative reference source for postgraduates and practicing neurologists and neurosurgeons. All chapters revised and updated, including details on cranial nerves and their lesions, blood supply and cerebrovascular accidents, motor and sensory disorders. new line diagrams, and real life photographs and MRI scans. Simple, to-the-point, easy-to-understand exam-oriented text Numerous, four coloured, large sized, and easy-to-draw diagrams Text provides unique problem based clinical and functional perspective

**The Human Brain Stem and Cerebellum**-Henri M. Duvernoy 2012-12-06 This study of the brain stem and the cerebellum is the sequel to a previous study of the brain (cerebral hemispheres and diencephalon) [82]. The brain stem and cerebellum are dealt with here for the

same purpose as was the brain in the previous work, i.e., to reach, step by step, knowledge that is comprehensive enough for an understanding of an atlas of sections and its clinical use. Following a brief survey of the methods used, the first chapter describes the brain stem and cerebellum surfaces as well as their location in the posterior cranial fossa. The second and the third chapter, respectively, describe the brain stem and cerebellum structures followed by brief surveys of their functions, enabling the reader to obtain an introductory view of the role of both the nuclei and fasciculi. The fourth chapter studies the brain stem vascular network in detail. Thus, this chapter sums up the results of research on brainstem superficial blood vessels and their intra nervous territories that were already presented in two previous works [79, 80]. By contrast, presentation of the cerebellar vascularization follows the previous literature.