

history of tourette syndrome

History of Tourette Syndrome: Tracing the Origins and Understanding Its Evolution

history of tourette syndrome is a fascinating journey through centuries of medical observation, cultural interpretation, and scientific discovery. This neurological condition, characterized by involuntary tics and vocalizations, has intrigued physicians, psychologists, and society alike since it first came to medical prominence in the late 19th century. To truly appreciate how far our understanding has come, it's essential to explore the roots of Tourette syndrome, its early descriptions, how it was perceived across different eras, and the modern advancements that have shaped contemporary diagnosis and treatment.

Early Observations and Descriptions

Long before the condition was formally named, people exhibiting symptoms of what we now recognize as Tourette syndrome appeared in historical records. These early cases were often misunderstood or attributed to supernatural causes, possession, or moral failings.

Ancient and Medieval Interpretations

In ancient times, involuntary movements and vocal outbursts were sometimes seen as signs of divine punishment or demonic possession. Medical texts from Greek and Roman physicians occasionally referenced conditions involving repetitive movements or vocal noises, but these were rare and lacked the detailed classification we expect today. Without a clear understanding of neurology, such behaviors were often stigmatized or hidden away.

During the medieval period, the lack of scientific knowledge meant that people with tic disorders were frequently subjected to social ostracism or religious interventions. The absence of medical frameworks meant that many individuals with Tourette-like symptoms were misdiagnosed or ignored entirely.

18th Century Medical Accounts

By the 1700s, medical professionals began to document unusual cases of motor and vocal tics more systematically. Physicians described patients with repetitive movements and sounds but struggled to categorize these symptoms within existing medical knowledge. These early observations laid the groundwork for more precise identification but were still fragmented and lacked a comprehensive framework.

The Birth of Tourette Syndrome: Dr. Georges

Gilles de la Tourette

The turning point in the history of Tourette syndrome came in 1885, when French neurologist Dr. Georges Gilles de la Tourette published a landmark paper describing nine patients with a peculiar set of motor and vocal tics. His detailed clinical observations and descriptions provided the first systematic characterization of the disorder.

Dr. Tourette's Contributions

Dr. Gilles de la Tourette's work was pivotal because he recognized that these tics were not isolated symptoms but part of a coherent neurological syndrome. He coined the term "maladie des tics" (disease of tics), which later became known as Tourette syndrome in his honor. His research emphasized that the condition was more than just a psychological issue—it had neurological underpinnings.

Despite his groundbreaking work, Tourette syndrome remained relatively obscure for many years. The stigma surrounding mental health and neurological disorders in the late 19th and early 20th centuries limited widespread recognition and understanding.

Developments in the 20th Century: Expanding Knowledge and Changing Perceptions

The 20th century brought significant shifts in how Tourette syndrome was viewed and studied. Advances in neuroscience, psychiatry, and psychology allowed for deeper exploration of the disorder's causes and manifestations.

Early Misconceptions and Treatments

Initially, Tourette syndrome was often misdiagnosed as a form of hysteria or other psychiatric disorders. Treatments ranged from psychoanalysis to behavioral interventions, with mixed results. Some approaches were harsh or ineffective, reflecting the limited knowledge of brain function at the time.

Scientific Breakthroughs and Research

Mid-century research began to unravel the neurological basis of Tourette syndrome. Studies indicated that the disorder involved abnormalities in the basal ganglia and neurotransmitters such as dopamine, which regulate movement and behavior. This biological insight shifted the perception of Tourette from a purely psychological condition to a neurodevelopmental disorder.

The rise of neuroimaging technologies in the latter part of the century enabled scientists to observe brain structures and activity in individuals with Tourette syndrome. These technological advancements deepened understanding of the disorder's complexity and variability.

Changing Social Attitudes

As awareness grew, the stigma surrounding Tourette syndrome gradually diminished. Advocacy groups and increased media representation helped educate the public, emphasizing that tics were involuntary and not indicative of intellectual or moral deficits. This shift improved quality of life for many individuals and encouraged more people to seek diagnosis and support.

Modern Understanding and Ongoing Research

Today, Tourette syndrome is recognized as a neurodevelopmental disorder that typically begins in childhood. The history of Tourette syndrome has influenced modern approaches to diagnosis, treatment, and social acceptance.

Diagnostic Criteria Evolution

The diagnostic criteria for Tourette syndrome have evolved through successive editions of the Diagnostic and Statistical Manual of Mental Disorders (DSM). Currently, diagnosis requires the presence of multiple motor tics and at least one vocal tic lasting for more than a year, with onset before age 18. This standardized approach helps differentiate Tourette from other tic disorders and neurological conditions.

Treatment Advances

While there is no cure for Tourette syndrome, treatment options have expanded significantly. Behavioral therapies such as Comprehensive Behavioral Intervention for Tics (CBIT) have proven effective in managing symptoms. Additionally, medications targeting neurotransmitter systems can reduce tic severity for some individuals.

Emerging research continues to explore genetic factors, environmental triggers, and brain circuitry involved in Tourette syndrome. This ongoing study aims to refine treatments and improve patient outcomes.

The Role of Awareness and Advocacy

Public understanding of Tourette syndrome has improved thanks to education and

advocacy efforts. Campaigns that highlight the real experiences of those living with the disorder help dispel myths and foster empathy. This social progress is a vital part of the disorder's history, reflecting a broader trend toward acceptance of neurological diversity.

Reflecting on the History of Tourette Syndrome

The history of Tourette syndrome is a testament to the evolving nature of medical knowledge and societal attitudes. From misunderstood ancient behaviors to a well-defined neurodevelopmental disorder, the journey illustrates how science and empathy can transform lives. Understanding this history not only honors the pioneers like Dr. Gilles de la Tourette but also inspires ongoing commitment to research, awareness, and support for those affected by the condition.

As we continue to explore the complexities of Tourette syndrome, it's important to remember that behind every clinical description is a human story — one shaped by resilience, courage, and the pursuit of understanding.

Frequently Asked Questions

What is the historical origin of the term 'Tourette Syndrome'?

The term 'Tourette Syndrome' originates from Dr. Georges Gilles de la Tourette, a French neurologist who first described the condition in 1885 after studying a series of patients with involuntary tics.

How was Tourette Syndrome perceived in ancient times?

In ancient times, Tourette Syndrome was not recognized as a distinct medical condition; its symptoms were often misunderstood and sometimes attributed to supernatural causes or moral failings.

Who was Georges Gilles de la Tourette and what was his contribution?

Georges Gilles de la Tourette was a French physician who, in 1885, published a detailed paper describing nine patients with motor and vocal tics, thereby identifying and naming the syndrome now known as Tourette Syndrome.

How did the understanding of Tourette Syndrome evolve during the 20th century?

Throughout the 20th century, Tourette Syndrome was increasingly recognized as a

neurological disorder rather than a psychiatric or behavioral problem, leading to improved diagnosis and treatment approaches.

When was Tourette Syndrome officially recognized by major medical organizations?

Tourette Syndrome was officially recognized by the American Psychiatric Association in the Diagnostic and Statistical Manual of Mental Disorders (DSM) in its third edition, published in 1980.

What role did advances in neuroscience play in the history of Tourette Syndrome?

Advances in neuroscience have helped identify abnormalities in brain regions such as the basal ganglia and neurotransmitter systems, deepening the understanding of Tourette Syndrome's neurological basis.

How have treatments for Tourette Syndrome changed throughout history?

Early treatments were limited and often ineffective or harmful, but over time, treatments have evolved from psychoanalysis and behavioral therapy to include medications and comprehensive multidisciplinary approaches.

Were there any famous historical figures believed to have Tourette Syndrome?

Some historians speculate that figures like Wolfgang Amadeus Mozart and Samuel Johnson may have had symptoms consistent with Tourette Syndrome, although there is no definitive evidence.

How has public perception of Tourette Syndrome changed over time?

Public perception has shifted from misunderstanding and stigma towards greater awareness and acceptance, aided by advocacy, education, and media representation.

Additional Resources

History of Tourette Syndrome: Tracing the Origins and Evolution of Understanding

History of tourette syndrome is a compelling journey through centuries of medical observation, evolving diagnostic criteria, and shifting cultural perceptions. This neurodevelopmental disorder, characterized by involuntary motor and vocal tics, has often been misunderstood since its earliest mentions. Exploring its historical trajectory not only uncovers the roots of modern neurological and psychiatric approaches but also highlights

how societal attitudes towards neurological differences have transformed over time.

Early Mentions and Medical Descriptions

The history of Tourette syndrome can be traced back to anecdotal reports from the 15th and 16th centuries, long before it was formally identified. Some historical texts describe individuals exhibiting involuntary movements and vocalizations, though these were often interpreted through the lens of superstition or moral judgment. For instance, cases of people with tic-like behaviors were sometimes attributed to demonic possession or other supernatural causes, reflecting the limited scientific understanding of neurological disorders at the time.

It wasn't until the late 19th century that Tourette syndrome was clinically recognized. The first comprehensive medical description was provided by French neurologist Georges Gilles de la Tourette in 1885. His seminal paper documented nine patients with what he termed "maladie des tics," now known as Tourette syndrome. Gilles de la Tourette's detailed observations included both motor tics—such as blinking and facial grimacing—and vocal tics, including grunting and throat clearing. His work laid the foundation for modern diagnostic criteria and differentiated this syndrome from other movement disorders.

The Influence of Georges Gilles de la Tourette

Georges Gilles de la Tourette's contribution was pivotal not only because he identified the syndrome but also because he emphasized its neurological basis. Prior to his research, many tic disorders were conflated with hysteria or purely psychological conditions. By documenting a cluster of symptoms with consistent patterns, Gilles de la Tourette helped establish Tourette syndrome as a distinct clinical entity.

Despite this progress, the early 20th century still saw limited understanding of the disorder's etiology. The causes of Tourette syndrome remained elusive, and treatments were often ineffective or harmful. Psychoanalytic theories dominated much of the psychiatric field, leading some practitioners to view tics as manifestations of unconscious conflicts rather than neurological dysfunctions.

Advancements in Understanding and Diagnosis

The mid-20th century marked significant advances in the history of Tourette syndrome. Researchers began to investigate the neurological underpinnings more rigorously, aided by technological progress in brain imaging and neurophysiology. Studies revealed abnormalities in the basal ganglia, a brain region critical for motor control, strengthening the hypothesis that Tourette syndrome is primarily a neurobiological disorder.

During this period, the diagnostic criteria for Tourette syndrome became more refined. The distinction between transient tic disorders and chronic tic disorders was clarified, helping clinicians provide more accurate prognoses. The Diagnostic and Statistical Manual of Mental

Disorders (DSM) played a central role in standardizing these criteria. The DSM-III, published in 1980, was the first edition to include Tourette syndrome as a recognized disorder, reflecting growing consensus in the psychiatric community.

Role of Genetics and Environmental Factors

Research into the causes of Tourette syndrome has revealed a complex interplay of genetic and environmental influences. Family studies indicate a strong hereditary component, with first-degree relatives of affected individuals having an increased risk of developing tics. However, no single gene has been identified as causative, suggesting a multifactorial genetic basis.

Environmental factors, such as prenatal complications, infections, and psychosocial stressors, may also contribute to the manifestation and severity of symptoms. The history of Tourette syndrome research has increasingly emphasized these multifaceted causes, moving away from simplistic models that once blamed parenting styles or psychological trauma.

Social Perception and Cultural Impact

The cultural history intertwined with Tourette syndrome reveals much about societal attitudes toward neurological disorders. For decades, the disorder was shrouded in stigma, often sensationalized in media and misunderstood by the public. The most notorious symptom—coprolalia, or involuntary swearing—was heavily emphasized, despite affecting only a minority of individuals with Tourette syndrome.

Over time, advocacy and education efforts have helped reshape public understanding. Organizations dedicated to Tourette syndrome have worked to dispel myths and promote acceptance. This shift reflects broader changes in how society views neurodiversity and disability, focusing on inclusion and support rather than marginalization.

Media Representation and Its Effects

The portrayal of Tourette syndrome in popular culture has been a double-edged sword. While some films and documentaries have raised awareness and empathy, others have perpetuated stereotypes. The exaggeration of vocal tics as constant swearing contributes to misconceptions that can hinder individuals' social integration and self-esteem.

Healthcare professionals now emphasize a holistic approach to treatment, considering the psychosocial challenges faced by patients alongside symptom management. This comprehensive perspective has emerged from decades of clinical and sociocultural research embedded in the history of Tourette syndrome.

Treatment Evolution and Modern Perspectives

Historically, treatments for Tourette syndrome ranged from largely ineffective remedies to invasive interventions. Early 20th-century approaches included psychoanalysis, hypnosis, and even electroconvulsive therapy in severe cases. These methods often failed to address the neurological basis of the disorder and sometimes caused harm.

The development of pharmacological treatments in the latter half of the 20th century marked a turning point. Neuroleptic medications, such as haloperidol, were among the first drugs used to reduce tic severity. However, side effects limited their long-term utility. More recently, medications targeting specific neurotransmitter systems, like dopamine antagonists and alpha-2 adrenergic agonists, offer improved efficacy with fewer adverse effects.

Non-pharmacological interventions have also gained prominence. Behavioral therapies, particularly Comprehensive Behavioral Intervention for Tics (CBIT), demonstrate significant benefits in reducing tic frequency and improving quality of life. The history of Tourette syndrome treatment underscores a transition from purely symptomatic management to patient-centered, multidisciplinary care.

Ongoing Research and Future Directions

Contemporary research continues to explore the neurobiological mechanisms underlying Tourette syndrome. Advances in genetics, neuroimaging, and neurophysiology hold promise for more targeted therapies. Experimental treatments, such as deep brain stimulation (DBS), offer hope for individuals with severe, treatment-resistant symptoms.

Moreover, the history of Tourette syndrome is increasingly contextualized within broader discussions on neurodiversity and mental health. Understanding the disorder's historical path informs current clinical practice and supports efforts to foster societal acceptance and support for affected individuals.

The exploration of the history of Tourette syndrome reveals a nuanced narrative of medical discovery, evolving scientific knowledge, and cultural transformation. From its early misconceptions to modern therapeutic strategies, the journey reflects the intricate relationship between neurological science and human experience.

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history of tourette syndrome: Handbook of Tourette's Syndrome and Related Tic and Behavioral Disorders Roger Kurlan, 2004-10-27 Relating breakthroughs in phenomenology and neurobiology and current strategies for diagnosis, assessment, and clinical care, this long-anticipated Second Edition provides expanded descriptions of clinical features, further evidence linking heritability to etiology, and revised epidemiological estimates as observed in the most recent research on To

history of tourette syndrome: A Brief History of Disability Molly Seymour, 2023-12-08 A hidden history of human evolution has been written, but very few people know about the history of disabled people who have been walking side by side able bodied people since the beginning of time. In this book we shall discover the two true elements which cause our bodies to change, biological and environmental changes that we all face before and during life. History has often regarded disabled people as 'imperfect', but what if they were special people who are unique, and a valuable part of the broader rainbow of human diversity? This book shall unlock the padlock into human history that has rarely been talked about before. There is more to us than originally thought.

history of tourette syndrome: The Neurological Patient in History L. S. Jacyna, Stephen T. Casper, 2012 Parkinson's, Alzheimer's, Tourette's, multiple sclerosis, stroke: all are neurological illnesses that create dysfunction, distress, and disability. With their symptoms ranging from impaired movement and paralysis to hallucinations and dementia, neurological patients present myriad puzzling disorders and medical challenges. Throughout the nineteenth and twentieth centuries countless stories about neurological patients appeared in newspapers, books, medical papers, and films. Often the patients were romanticized; indeed, it was common for physicians to cast neurological patients in a grand performance, allegedly giving audiences access to deep philosophical insights about the meaning of life and being. Beyond these romanticized images, however, the neurological patient was difficult to diagnose. Experiments often approached unethical realms, and treatment created challenges for patients, courts, caregivers, and even for patient advocacy organizations. In this kaleidoscopic study, the contributors illustrate how the neurological patient was constructed in history and came to occupy its role in Western culture. Stephen T. Casper is Assistant Professor in Humanities and Social Sciences at Clarkson University. L. Stephen Jacyna is reader in the History of Medicine and Director of the Centre for the History of Medicine at University College London.

history of tourette syndrome: Tourette Syndrome John T. Walkup, Jonathan W. Mink, Peter James Hollenbeck, 2006 This volume provides a summary review of all recently published and ongoing research initiatives related to Tourette Syndrome. The latest research is presented in a clinical context, and controversial issues are fully discussed using an evidence-based approach. These issues include the prevalence of TS, the nature of the TS phenotype, the role of autoimmunity in the development of TS, the role of comorbidity in functional outcomes of TS patients, and approaches to identifying the TS gene/genes. Chapters describe recent advances in neuroimaging, genetics, and treatment. The book includes extensive discussions of co-morbid disorders: obsessive-compulsive disorder, attention deficit hyperactivity disorder, mood disorders, and tics.

history of tourette syndrome: *Origins of Neuroscience* Stanley Finger, 2001 With over 350 illustrations, this impressive volume traces the rich history of ideas about the functioning of the brain from its roots in the ancient cultures of Egypt, Greece, and Rome through the centuries into relatively modern times. In contrast to biographically oriented accounts, this book is unique in its emphasis on the functions of the brain and how they came to be associated with specific brain regions and systems. Among the topics explored are vision, hearing, pain, motor control, sleep, memory, speech, and various other facets of intellect. The emphasis throughout is on presenting material in a very readable way, while describing with scholarly acumen the historical evolution of the field in all its amazing wealth and detail. From the opening introductory chapters to the concluding look at treatments and therapies, this monumental work will captivate readers from

cover to cover. It will be valued as both an historical reference and as an exciting tale of scientific discovery. It is bound to attract a wide readership among students and professionals in the neural sciences as well as general readers interested in the history of science and medicine.

history of tourette syndrome: Tourette's Syndrome -- Tics, Obsessions, Compulsions

James F. Leckman, Donald J. Cohen, 1998-11-09 A revised and concise guide to the latest thoughts and findings on Tourette's Syndrome Edited by two of the leading international authorities on Tourette's Syndrome and tic-related, obsessive-compulsive disorders, Tourette's Syndrome is the most up-to-date edited reference covering this neuropsychiatric disorder and related disorders from a variety of perspectives. Featuring contributors from the world-renowned Yale Child Study Center, this volume introduces a groundbreaking developmental framework for understanding Tourette's-defined by persistent motor and vocal tics and frequently associated with obsessions, compulsions, and attentional difficulties-and maps out the diagnosis, genetics, manifestations, and treatment. Reflecting more than 25 years of research, this comprehensive resource describes the major categories of disorders (TS, obsessive-compulsive disorder, attention deficit hyperactivity disorder, learning disabilities) as well as the strengths and adaptation of individuals with Tourette's. A broad, detailed discussion of pathogenesis is provided, including epidemiological studies and environmental risk and protective factors. The book also highlights the necessary partnerships between children, families, and clinicians in the struggle to achieve wished-for outcomes. Enriched by the knowledge of specialists at the forefront of genetics, psychology, neuropsychology, pharmacology, neurochemistry, and epidemiology, among other fields, Tourette's Syndrome gives clinicians valuable insight into the minds of and proper care for individuals battling this and related disorders.

history of tourette syndrome: The History of Experimental Psychology's Subjects Alexandra

Kitty, 2024-01-16 Who are subjects? How do they respond in experiments? What is their impact on the profession? What else can we learn from them? Subjects are a window into both uniformity and plurality; they may be the very definition of average or one of a kind. Despite this, the history of psychology often overlooks subjects in its illustrious chronicles. This well-researched book looks at the history of the use of human subjects in clinical and experimental psychology, as well as looking at the human side of those subjects who left their mark on the profession. This book presents iconic subjects who either defined the central thesis of an experiment or rebelled against it, from amnesiac H.M. and Little Albert to the defiant Subject #6 in Solomon Asch's conformity experiments. The book explores the unspoken subtexts of being a subject, and compares and contrasts various subjects to look at the bigger picture - that is, the fact that subjects are viewed as an analytical element of experimentation, while the emotional, cultural, and philosophical aspects are often overlooked.

history of tourette syndrome: Companion to Clinical Neurology William Pryse-Phillips,

2009-06-03 This book is designed for the neurologist who (in this day of unusually strict accountability) needs to have at hand an authoritative guide to the diagnostic criteria for all conditions that he or she may be faced with in clinical practice. While originally conceived as a compendium of diagnostic criteria, the author has felt the need to expand the work to include definitions of practically all terms that are used in neurology today. Historical elements are also provided-including entries of important neurologists and neurosurgeons who have impacted the field. The result is an effective representation of the tools of the trade for the neurologist in training and a concise and precise source for the practicing neurologist. The second edition was published in 2003. Since then, advances in the definition of many neurological conditions have been made, all of which have been incorporated in the third edition. There has also been a fine tuning of the definitions and diagnostic criteria of many other conditions. The author has collated over 1300 articles since the last edition in order to update many of the entries. As such, the entries will have the most up-to-date definition of diseases, symptoms, diagnostic tests, and pearls of wisdom. The third edition remains an invaluable guide to the spectrum of neurological practice and with nearly 7,000 references this truly is the bible of neurological terms and conditions.

history of tourette syndrome: Bibliography of the History of Medicine , 1984

history of tourette syndrome: A Historical Dictionary of Psychiatry Edward Shorter, 2005

This is the first historical dictionary of psychiatry. It covers the subject from autism to Vienna, and includes the key concepts, individuals, places, and institutions that have shaped the evolution of psychiatry and the neurosciences. An introduction puts broad trends and international differences in context, and there is an extensive bibliography for further reading. Each entry gives the main dates, themes, and personalities involved in the unfolding of the topic. Longer entries describe the evolution of such subjects as depression, schizophrenia, and psychotherapy. The book gives ready reference to when things happened in psychiatry, how and where they happened, and who made the main contributions. In addition, it touches on such social themes as women in psychiatry, criminality and psychiatry, and homosexuality and psychiatry. A comprehensive index makes immediately accessible subjects that do not appear in the alphabetical listing. Among those who will appreciate this dictionary are clinicians curious about the origins of concepts they use in their daily practices, such as paranoia, selective serotonin reuptake inhibitors (SSRIs), or tardive dyskinesia; basic scientists who want ready reference to the development of such concepts as neurotransmitters, synapse, or neuroimaging; students of medical history keen to situate the psychiatric narrative within larger events, and the general public curious about illnesses that might affect them, their families and their communities-or readers who merely want to know about the grand chain of events from the asylum to Freud to Prozac. Bringing together information from the English, French, German, Italian, and Scandinavian languages, the Dictionary rests on an enormous base of primary sources that cover the growth of psychiatry through all of Western society.

history of tourette syndrome: Tourette Syndrome Davide Martino, James F. Leckman, 2013-05-09 Tourette Syndrome covers all of the main aspects related to TS, analyzing the complexity of its clinical presentation, the novel viewpoints of causes and mechanisms, the best way to assess TS patients, and the multifaceted and multidisciplinary treatment options.

history of tourette syndrome: Obsessive-Compulsive Disorder and Tourette's Syndrome Steven E. Hyman, 2022-04-18 First published in 2002. Obsessive-compulsive disorder (OCD) and Tourette's syndrome (TS) are treated together in this volume because symptoms of each often co-occur and because there are substantial overlaps in genetic risks and possibly in the neurobiology underlying these disorders.

history of tourette syndrome: Diversity and Inclusion in Quality Patient Care Marcus L. Martin, Sheryl Heron, Lisa Moreno-Walton, Michelle Strickland, 2018-09-28 This new edition focuses on bias in health care and provides a variety of case examples related to the timely topics of unconscious bias and microaggressions encountered by patients, students, attending and resident physicians, nurses, staff, and advanced practice providers in various healthcare settings. The proliferation of literature on unconscious bias and microaggressions has raised public awareness around these concerns. This case compendium discusses strategies and addresses professional responses to bias in health care and extends beyond the individual patient and healthcare provider into the communities where biased assumptions and attitudes exist. Recognizing that ethnic minorities, the elderly, the poor, and persons with Medicaid coverage utilize the emergency department at higher rates than the general population, this compendium also builds upon the case studies from the first edition to cover a broader array of underserved minority groups. Diversity and Inclusion in Quality Patient Care: Your Story/Our Story - A Case-Based Compendium, 2nd Edition is an essential resource for attending and resident physicians, nurses, staff, advanced practice providers, and students in emergency medicine, primary care, and public health.

history of tourette syndrome: Bewegungsstörungen bei psychischen Erkrankungen Thomas Jahn, 2013-12-21 Bewegungsstörungen auf den Grund gehen... Patienten mit psychischen Erkrankungen leiden viel häufiger als angenommen unter Störungen der Motorik und Psychomotorik. Oftmals stellt sich für den behandelnden Arzt die Frage, was dahinter steckt: Bewegungsstörungen als Ausdruck der Erkrankung? Sekundäre Effekte der Therapie mit Psychopharmaka? Möglicherweise sogar Indikatoren diskreter neurophysiologischer Dysfunktionen,

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history of tourette syndrome: Progress in Clinical Neurosciences, Volume 22 Kalyan B.Bhattacharyya Vedantam Rajshekhar, 2008-09-11 This volume of Progress in Clinical Neurosciences comprises review articles on various aspects of movement disorders and cerebrovascular diseases in Neurology, and vascular surgery and neuro-oncology in Neurosurgery. Besides these, there are chapters on the Consumer Protection Act, normal pressure hydro-cephalus and miscellaneous topics. The authors of these chapters are well recognized for their work and the exhaustive review of the literature contained in the chapters will benefit not only postgraduate students but will also update the knowledge of practising clinicians.

history of tourette syndrome: Traumatic Brain Injury Jr., Robert P. Granacher, 2003-06-27 Numerous books exist on traumatic brain injury, yet none comprehensively cover evaluation from both clinical and forensic standpoints. Traumatic Brain Injury: Methods for Clinical and Forensic Neuropsychiatric Assessment is the first medical book to guide treatment practitioners not only in methods for evaluating traumatic brain injury in adults an

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history of tourette syndrome: Patient Assessment Tutorials: A Step-by-Step Procedures Guide for the Dental Hygienist Jill S. Nield-Gehrig, Donald E. Willmann, 2013-01-07 The ability to accurately assess patients is vital to the practice of Dental Hygiene—a complete and accurate assessment is the starting point to providing thorough patient care. Patient Assessment Tutorials takes you through the process of patient assessment, and provides you with information on both the actual physical assessment as well as effective patient communication. The highly visual, step-by-step style teaches you vital assessment processes quickly and thoroughly. Excellent features include detailed, full-color illustrations and photographs to visually guide you through procedures and techniques, case studies and personal accounts that bring the content to life, and more.

history of tourette syndrome: Neurology Robin Howard, Dimitri Kullmann, David Werring,

Michael Zandi, 2024-05-06 neurology A fully updated and authoritative neurology resource The Queen Square Textbook has established itself as a favourite companion to clinical neurosciences training and teaching around the world, whilst retaining its role as an invaluable reference guide for physicians and other healthcare professionals working in neurology, general medicine and related specialties. The book continues to reflect the core values essential to the practice of clinical neurology in the 21st century. The third edition has been extensively revised and updated to take account of the rapid pace of progress in the neurosciences and patient care. Contemporary neurology has been changed by the COVID-19 pandemic, the climate emergency and the growing inequalities in healthcare resources. The new edition has been extensively revised to reflect these challenges and affords a greater emphasis on management and rehabilitation whilst continuing to reflect the coherence of a text produced from a single, closely-knit, centre of excellence. Highlights of the new edition include: An updated approach to clinical examination, decision-making and diagnosis New developments in neuroimmunology, pathology and genetics Neuropalliative care Ethical and legal issues in clinical neurology The latest developments in the understanding and management of stroke, movement disorders, epilepsy, cognitive impairment, multiple sclerosis, infections, myelopathy, anterior horn cell disease, disorders of nerve and muscle, neuro-oncology, neurological disorders of hearing, balance and vision, and the neurological care of critical illness, sleep, neuropsychiatry, pain, autonomic and urological disorders. An emphasis on treatment and rehabilitation of the person with a neurological disease The new edition marks a significant transition to reflect contemporary neurological practice during uncertain times. It mirrors the enormous changes in investigation, diagnosis and treatment that have occurred in recent years whilst maintaining the underlying principle that we do not treat diagnoses but, rather, we care for people affected by neurological disease.

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