

myofunctional therapy for adults

Myofunctional Therapy for Adults: Improving Oral Health and Beyond

myofunctional therapy for adults is gaining recognition as a valuable approach to addressing a variety of oral and facial muscle issues that affect not only children but also grown-ups. While traditionally associated with pediatric care, this specialized therapy is increasingly being utilized by adults to correct dysfunctional habits, improve breathing, enhance sleep quality, and even support dental and orthodontic outcomes. If you've been curious about what myofunctional therapy entails and whether it could benefit you, this article will walk you through the essentials, highlighting its significance, benefits, and practical insights.

What Is Myofunctional Therapy for Adults?

Myofunctional therapy involves a series of guided exercises aimed at retraining the muscles of the face, tongue, and throat. These muscles play a crucial role in functions such as breathing, swallowing, chewing, and speaking. Dysfunction in these areas can lead to problems like mouth breathing, tongue thrusting, poor sleep quality, and even dental misalignment.

For adults, myofunctional therapy targets these dysfunctional patterns that may have gone uncorrected during childhood or developed later in life due to habits, injury, or other health conditions. The therapy uses personalized exercises to strengthen and coordinate the orofacial muscles, promoting healthier muscle tone and function.

Why Adults Need Myofunctional Therapy

While many people associate myofunctional therapy with children, adults can also face challenges that this therapy addresses effectively. Some reasons adults seek myofunctional therapy include:

- Chronic mouth breathing leading to dry mouth and dental issues
- Poor tongue posture affecting speech or causing orthodontic relapse
- Sleep apnea or snoring related to airway collapse
- TMJ (temporomandibular joint) discomfort linked to improper muscle function
- Post-orthodontic treatment muscle imbalance

By focusing on muscle retraining, adults can experience improvements not only in oral health but also in overall well-being.

The Benefits of Myofunctional Therapy for Adults

Engaging in myofunctional therapy as an adult can unlock a range of benefits that extend beyond the mouth and face. Here are some of the key advantages:

Improved Breathing and Airway Health

One of the most significant impacts of myofunctional therapy is its ability to promote nasal breathing rather than mouth breathing. Nasal breathing is essential because it filters, humidifies, and regulates the temperature of the air we inhale. Many adults unknowingly breathe through their mouths, which can dry out oral tissues and contribute to bad breath, gum disease, and even respiratory illnesses.

Myofunctional exercises encourage proper tongue placement against the palate and help develop stronger orofacial muscles, which support open nasal airways. This can alleviate issues like chronic congestion and reduce the severity of sleep-disordered breathing conditions such as obstructive sleep apnea.

Enhanced Sleep Quality

Sleep apnea and snoring are common problems among adults, often linked to airway obstruction caused by weak or improperly positioned muscles in the throat and tongue. Myofunctional therapy helps by strengthening these muscles, reducing airway collapse during sleep, and thereby improving oxygen flow.

Many adults report better sleep, less daytime fatigue, and reduced snoring after consistent participation in myofunctional therapy programs. This natural, non-invasive treatment can be an excellent complement to other sleep apnea interventions.

Support for Orthodontic and Dental Health

After orthodontic treatments like braces or aligners, some adults struggle with maintaining their teeth's new positions due to lingering muscle habits such as tongue thrusting or improper swallowing patterns. Myofunctional therapy targets these habits directly, helping to stabilize the results and prevent relapse.

Moreover, correcting dysfunctional swallowing and tongue posture can reduce stress on the jaw and teeth, potentially minimizing the risk of TMJ disorders and tooth wear.

Improved Facial Tone and Aesthetics

Believe it or not, exercises that strengthen your facial muscles can enhance your appearance by promoting better muscle tone and symmetry. For adults dealing with a “droopy” look or diminished muscle tone due to aging or muscle disuse, myofunctional therapy offers a natural way to rejuvenate the facial contours.

How Does Myofunctional Therapy Work for Adults?

Myofunctional therapy typically begins with a thorough evaluation by a certified myofunctional therapist or an orofacial myologist. This assessment looks at muscle tone, tongue posture, breathing patterns, swallowing function, and oral habits.

Personalized Exercise Plans

Based on the evaluation, the therapist designs a customized exercise program tailored to your specific needs. These exercises might include:

- Tongue positioning drills to encourage proper resting posture
- Swallowing exercises to eliminate tongue thrust
- Breathing techniques to promote nasal airflow
- Facial muscle strengthening routines
- Jaw relaxation and TMJ mobility exercises

Consistency and Commitment

For adults, success with myofunctional therapy hinges on regular practice. Most programs recommend daily exercises lasting around 15-30 minutes. Although it might seem time-consuming, the long-term benefits make the investment worthwhile.

Collaboration with Other Healthcare Providers

Because myofunctional therapy intersects with dental, orthodontic, and sleep medicine fields, therapists often collaborate with dentists, orthodontists, ENT specialists, and sleep doctors. This multidisciplinary approach ensures comprehensive care and addresses underlying causes effectively.

Common Conditions Treated by Myofunctional Therapy in Adults

Myofunctional therapy's scope is broad, and it's helpful to understand the specific conditions in adults that can benefit from this treatment.

Obstructive Sleep Apnea (OSA)

OSA is characterized by repeated airway collapse during sleep, leading to interrupted breathing and poor rest. Research has shown that myofunctional therapy can reduce the severity of OSA by strengthening the oropharyngeal muscles, thereby opening the airway.

Temporomandibular Joint Disorders (TMD)

Muscle tension and imbalances around the jaw can cause pain and dysfunction in the TMJ. Myofunctional therapy helps by promoting balanced muscle use and reducing harmful habits like clenching or grinding.

Speech Difficulties

Improper tongue placement and muscle function can contribute to speech impediments in adults. Myofunctional therapy assists in retraining the muscles to improve articulation and clarity.

Orthodontic Relapse Prevention

After orthodontic treatment, lingering muscle habits may cause teeth to shift. By correcting these habits through therapy, adults can maintain their smile alignment longer.

Tips for Adults Considering Myofunctional Therapy

If you're thinking about exploring myofunctional therapy for adults, here are some useful pointers to maximize your experience and outcomes:

1. **Choose a Certified Therapist:** Look for professionals trained specifically in orofacial myology or myofunctional therapy to ensure expert guidance.
2. **Be Patient:** Muscle retraining takes time, and changes might be subtle initially. Consistency is key.
3. **Integrate Healthy Habits:** Combine therapy exercises with lifestyle changes like avoiding mouth breathing, improving posture, and maintaining good oral hygiene.
4. **Track Your Progress:** Keep a journal or use apps recommended by your therapist to monitor improvements and stay motivated.
5. **Communicate Openly:** Share any challenges or discomforts with your therapist so adjustments can be made.

The Growing Popularity of Myofunctional Therapy in Adult Care

In recent years, the awareness of how oral muscle function affects overall health has surged. More adults are seeking natural, non-invasive solutions to chronic problems like sleep apnea, TMJ pain, and speech difficulties. Myofunctional therapy fits perfectly into this trend, offering a holistic approach that addresses root causes rather than just symptoms.

Moreover, as dental and orthodontic treatments evolve, integrating myofunctional therapy into adult care plans is becoming standard practice for many professionals. This shift underscores the therapy's effectiveness and its role in promoting lifelong oral and respiratory health.

Exploring myofunctional therapy for adults opens the door to improved function, comfort, and quality of life. Whether you're dealing with persistent breathing issues, recovering from orthodontic treatment, or simply interested in enhancing your facial muscle tone, this therapy offers a promising path toward lasting positive change.

Frequently Asked Questions

What is myofunctional therapy for adults?

Myofunctional therapy for adults is a therapeutic approach that focuses on correcting the function and coordination of the muscles of the face, mouth, and tongue to improve oral health and related issues.

What conditions can myofunctional therapy help adults with?

Myofunctional therapy can help adults with sleep apnea, tongue thrust, improper swallowing, speech difficulties, temporomandibular joint disorder (TMJ), and orthodontic relapse.

How does myofunctional therapy work for adults?

It involves a series of exercises designed to retrain the muscles of the tongue, lips, and face to function properly, promoting better breathing, swallowing, and oral posture.

Is myofunctional therapy effective for treating adult sleep apnea?

Yes, myofunctional therapy has been shown to reduce the severity of obstructive sleep apnea in adults by strengthening airway muscles and improving breathing patterns during sleep.

How long does myofunctional therapy take for adults to see

results?

Typically, adults may start noticing improvements within 3 to 6 months of consistent practice, although the duration can vary depending on the severity of the condition and adherence to exercises.

Are there any risks or side effects associated with myofunctional therapy for adults?

Myofunctional therapy is generally safe with minimal risks; however, some individuals might experience mild muscle soreness initially as they adapt to the exercises.

Can myofunctional therapy be combined with other treatments for adults?

Yes, it is often used alongside orthodontic treatment, speech therapy, or CPAP therapy to enhance overall outcomes in adults with related oral or breathing issues.

Do adults need a specialist to perform myofunctional therapy?

Yes, myofunctional therapy should be guided by trained professionals such as myofunctional therapists, speech-language pathologists, or dental specialists with expertise in orofacial myology.

How can adults find a qualified myofunctional therapist?

Adults can find qualified myofunctional therapists through professional organizations like the International Association of Orofacial Myology (IAOM) or by consulting their dentist or healthcare provider for referrals.

Additional Resources

Myofunctional Therapy for Adults: An In-Depth Exploration of Benefits and Applications

Myofunctional therapy for adults has steadily gained recognition as an effective approach to addressing a range of orofacial and respiratory disorders. Traditionally associated with pediatric care, myofunctional therapy is now making significant inroads into adult healthcare, offering non-invasive solutions for issues related to breathing, swallowing, speech, and sleep quality. This article delves into the evolving role of myofunctional therapy in adult populations, examining its mechanisms, applications, and clinical implications through a professional lens.

Understanding Myofunctional Therapy and Its Relevance for Adults

Myofunctional therapy is a specialized treatment involving exercises that target the muscles of the face, tongue, and throat. Its primary goal is to correct improper muscle function that can lead to or

exacerbate conditions such as obstructive sleep apnea (OSA), temporomandibular joint (TMJ) disorders, and dysfunctional swallowing patterns. While much of the early research focused on children—particularly those with tongue thrust or speech impediments—the therapy's scope has expanded as clinicians recognize the persistence of orofacial muscle dysfunction into adulthood.

For adults, myofunctional therapy addresses muscle imbalances that may have developed over years due to lifestyle factors, chronic mouth breathing, poor posture, or previous untreated dysfunctions. Unlike surgical or pharmacological interventions, myofunctional therapy offers a conservative and patient-centered approach to restoring muscular balance and improving overall oral and respiratory health.

Mechanisms and Techniques Used in Adult Myofunctional Therapy

The cornerstone of myofunctional therapy is a series of targeted exercises designed to retrain the orofacial muscles. These exercises focus on:

- **Tongue posture:** Encouraging proper resting position of the tongue against the palate to support nasal breathing and jaw alignment.
- **Breathing patterns:** Promoting nasal breathing over mouth breathing to enhance oxygen intake and reduce airway obstruction.
- **Swallowing mechanics:** Correcting dysfunctional swallowing habits such as tongue thrusting or excessive lip tension.
- **Facial muscle tone:** Strengthening or relaxing muscle groups to improve facial symmetry and functional movements.

Therapists typically tailor these exercises to the individual's needs, often incorporating biofeedback tools or home practice regimens to maximize effectiveness. The therapeutic process may span several months, emphasizing consistent practice and gradual muscle re-education.

Clinical Applications of Myofunctional Therapy for Adults

The versatility of myofunctional therapy allows it to complement various medical and dental treatments. Below are some prominent clinical scenarios where adult myofunctional therapy has demonstrated notable benefits.

Management of Obstructive Sleep Apnea (OSA)

OSA is a prevalent sleep disorder characterized by repeated upper airway collapse during sleep, leading to intermittent hypoxia and fragmented sleep patterns. Traditional management often involves continuous positive airway pressure (CPAP) therapy, oral appliances, or surgery. However, compliance with CPAP is frequently suboptimal, and surgical interventions carry inherent risks.

Recent studies have highlighted myofunctional therapy as a valuable adjunct or alternative treatment modality for mild to moderate OSA in adults. By strengthening the oropharyngeal muscles, therapy reduces airway collapsibility and enhances muscle tone during sleep. Clinical trials have reported reductions in apnea-hypopnea index (AHI) scores and improvements in daytime sleepiness following structured therapy programs.

Addressing Temporomandibular Joint Disorders (TMD)

Temporomandibular joint disorders encompass a range of conditions affecting jaw function, often accompanied by pain, clicking, or restricted movement. Muscle imbalances and improper jaw positioning are recognized contributors to TMD symptoms.

Myofunctional therapy aids in reestablishing balanced muscle function around the jaw, promoting proper jaw posture, and alleviating hyperactivity in muscle groups that may exacerbate joint stress. Combined with other conservative treatments such as physical therapy or occlusal splints, myofunctional therapy can enhance symptom management and improve quality of life for TMD patients.

Improving Speech and Swallowing Disorders

While speech and swallowing issues are commonly addressed in children, adults may also experience orofacial dysfunction due to neurological events (e.g., stroke), trauma, or degenerative diseases. Myofunctional therapy provides rehabilitation strategies to restore normal tongue and lip movements essential for articulation and safe swallowing.

In dysphagia management, retraining tongue and pharyngeal muscles through myofunctional exercises can reduce aspiration risk and improve nutritional status. Speech-language pathologists often integrate myofunctional techniques into comprehensive therapy plans tailored for adult patients.

Comparative Effectiveness and Considerations

When evaluating myofunctional therapy for adults, it is crucial to consider its effectiveness relative to other treatment modalities. Unlike invasive procedures, myofunctional therapy carries minimal risk and focuses on empowering patients through active participation. However, its success heavily depends on patient motivation, adherence to exercise regimens, and the skill of the therapist.

A comparative analysis reveals:

- **Pros:** Non-invasive, cost-effective, improves multiple functional domains (breathing, swallowing, speech), minimal side effects.
- **Cons:** Requires long-term commitment, variable response rates, not a standalone treatment for severe structural abnormalities.

The interdisciplinary nature of myofunctional therapy means it often complements dental devices, orthodontic treatment, or medical management rather than replacing them entirely. Careful patient selection and comprehensive assessment underpin successful outcomes.

Integration with Dental and Sleep Medicine

Myofunctional therapy intersects with dental specialties such as orthodontics and prosthodontics, particularly in cases where muscle dysfunction affects occlusion or prosthetic fit. For example, adults undergoing orthodontic treatment may benefit from concurrent myofunctional therapy to maintain corrected tongue posture and prevent relapse.

In sleep medicine, collaboration between sleep specialists, dentists, and myofunctional therapists enhances treatment protocols for sleep-disordered breathing. This multidisciplinary approach facilitates personalized care that addresses both anatomical and functional contributors to airway obstruction.

Emerging Research and Future Directions

The body of evidence supporting myofunctional therapy for adults continues to grow, though further high-quality randomized controlled trials are needed to solidify standardized protocols and long-term efficacy data. Advances in technology, such as digital monitoring and telehealth platforms, are expanding access to therapy and improving adherence tracking.

Additionally, research exploring the genetic and developmental factors influencing orofacial muscle function may lead to more targeted interventions. As awareness increases, myofunctional therapy is poised to become an integral component of adult healthcare strategies aimed at optimizing orofacial and respiratory function.

In summary, myofunctional therapy for adults represents a promising, multifaceted approach to treating a range of functional disorders. Its integration into broader medical and dental care frameworks underscores its potential to improve patient outcomes while minimizing invasive treatments. As clinical understanding deepens, practitioners and patients alike stand to benefit from this evolving therapeutic modality.

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myofunctional therapy for adults: *Tongue-Tied* Richard Baxter, DMD, MS, 2018-07-13

Chances are, you or someone you know is affected by a tongue-tie. Common, yet little understood, tongue-ties can lead to a myriad of problems, including difficulty when nursing, speaking or eating. In the most crucial and formative parts of children's lives, tongue-ties have a significant effect on their well-being. Many parents and professionals alike want to know what can be done, and how best to treat these patients and families. And now, there are answers. *Tongue-Tied: How a Tiny String Under the Tongue Impacts Nursing, Feeding, Speech, and More* is an exhaustive and informative guide to this misunderstood affliction. Along with a team of medical specialists, author Dr. Richard Baxter demystifies tongue-ties and spells out how this condition can be treated comprehensively, safely and comfortably. Starting with a broad history of tongue-ties, this invaluable guide covers 21st-century assessment techniques and treatment options available for tethered oral tissues. Various accounts of patient challenges and victories are prominently featured as well. With the proper diagnosis and treatment, tethered oral tissues can be released with minimal discomfort, resulting in lives free of struggles during nursing, speaking, and feeding, while also reducing the incidence of dental issues, headaches, and even neck pain for children through adults. Aimed at both parents and professionals, *Tongue-Tied* encourages those affected while providing reassuring and valuable information. Dr. Baxter and his qualified team have pooled their expertise to make a difference in the lives of people. No longer will young patients and their parents suffer without answers.

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myofunctional therapy for adults: *Pneumopedics And Craniofacial Epigenetics: Biomimetic Oral Appliance Therapy For Pediatric And Adult Sleep Disordered Breathing* G Dave Singh, 2021-03-05 This textbook provides a comprehensive introduction to the novel concepts of pneumopedics and craniofacial epigenetics. Clinically, these mechanisms are delivered through biomimetic oral appliance therapy. The text, therefore, covers both genetics and epigenetics of craniofacial development, as well as growth and development of the craniofacial architecture. Despite being complex subjects, the style of writing allows the general reader to assimilate this information and sets the scene for how these principles might best be utilized. For example, the clinical application of biomimetic tooth movement achieved through epigenetic orthodontics is

presented. Prior to pneumopedic treatment, the significance of craniofacial diagnostics and treatment planning is discussed, before detailing the principles of designing a biomimetic oral appliance. Next, the book goes over the practicalities of clinical adjustments of oral biomimetic devices. Moving onto patient selection and management, the book also provides an overview and introduction to pediatric craniofacial epigenetics, which touches upon the preventive aspects of healthcare, including nutrition. This section is followed by an introduction to sleep and sleep disordered breathing in both children and adults, which includes a comprehensive approach to the potential elimination of obstructive sleep apnea. Finally, clinical biomimetic correction is illustrated with examples of non-surgical upper airway remodeling using various cases. The book also contains a Glossary containing definitions of common terms as well as an Appendix of documents that might be useful for both implementation and further study.

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sleep. The next section reviews the most common sleep disturbances such as insomnia, restless legs syndrome, and respiratory sleep disturbances. Special populations, spotlighting childhood and adolescence, women physiologic reproductive stages, sleep and gender, and sleep and pain interactions are also examined. Last sections discuss the physical therapy resources to improve sleep and to treat sleep disturbances. This title is an essential resource not only for graduate students, residents, health professionals and physiotherapists working in prevention and rehabilitation, but also for researchers interested in screening, diagnostic and treatment innovations. It is addressed to neurologists, sleep medicine specialists and physical educators as well.

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inclusion of contributions from a range of other medical and non-medical disciplines. This second volume is devoted to speech, speech fluency and literacy development disorders. Basic aspects, including etiology and pathogenesis, are fully addressed, and guidance provided on diagnostic methods, differential diagnosis, prevention, treatment/rehabilitation, and prognosis. The reader will benefit from numerous color photos, tables as well as supplementary electronic material, including audio and video examples. This book is intended for residents and practitioners in phoniatrics and also for ENT physicians, medical students, logopedists, and speech and language pathologists and therapists.

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myofunctional therapy for adults: SILENT SUFFERING: The Hidden Impact of Tongue Tie on Health and Well-being Dr. Saravanakumar , Silent Suffering: The Hidden Impact of Tongue Tie on Health and Well-being explores the often-overlooked effects of tongue tie and oral restrictions across all life stages. From breastfeeding and speech delays to sleep apnea and posture issues, this book offers a clear understanding of tongue tie's impact on whole-body health. With real-life case studies and a multidisciplinary approach—including orofacial myofunctional therapy and surgical care—it's a must-read for parents, healthcare providers, and educators seeking early intervention and lasting solutions.

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management of periodontal problems, correction and maintenance of the position of the first upper molar, early treatment of class II and class III malocclusions, use of lingual brackets, management of dental asymmetries, and the Bennun-Harfin protocol for interdisciplinary oral cleft treatment. The most important controversies in early orthodontic treatment are also discussed in detail. The book is enhanced by numerous clinical photographs and presentation of long-term results. It is written by the most experienced team of doctors in the field and will be a valuable asset for all who specialize in odonto-pediatric and orthopedic-orthodontic treatments.

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Gary Demerjian, André Barkhordarian, Francesco Chiappelli, 2018-11-03 This book on the local and systemic manifestations and correlates of temporomandibular joint disorders (TMDs) encompasses the two intertwined facets of translational science - translational research and translational effectiveness - as they relate specifically to TMDs. The first part of the book, on recent translational research, focuses on topics such as the neuroanatomy and neurophysiology of the trigeminal nerve and trigeminal network system, the manifestations of neuroinflammation in TMDs, and the molecular mechanisms underlying TMDs. The second part discusses the clinical effectiveness of treatment approaches from the perspective of evidence-based dentistry, with careful attention to the critical relationships between dental malocclusions, the signs and symptoms of TMDs, and airway/breathing disorders. Interventions to correct for malocclusal conditions that lead to TMDs are examined, with explanation of the ways in which they can ameliorate a variety of local and systemic symptoms. This will be an excellent reference book for established practitioners, residents, interns, and students as well as a powerful cutting-edge document for researchers in the field.

myofunctional therapy for adults: Kryger's Principles and Practice of Sleep Medicine -

E-Book Meir H. Kryger, Thomas Roth, Cathy A Goldstein, 2021-12-16 Offering today's most authoritative, comprehensive coverage of sleep disorders, Kryger's Principles and Practice of Sleep Medicine, 7th Edition, is a must-have resource for sleep medicine specialists, fellows, trainees, and technicians, as well as pulmonologists, neurologists, and other clinicians who see patients with sleep-related issues. It provides a solid understanding of underlying basic science as well as complete coverage of emerging advances in management and treatment for a widely diverse patient population. Evidence-based content, hundreds of full-color illustrations, and a wealth of additional resources online help you make well-informed clinical decisions and offer your patients the best possible care. - Contains new chapters on sleep in intersex and transgender individuals; sleep telemedicine and remote PAP adherence monitoring; and sleep and the menstrual cycle, as well as increased coverage of treatment and management of pediatric patients. - Includes expanded sections on pharmacology, sleep in individuals with other medical disorders, and methodology. - Discusses updated treatments for sleep apnea and advancements in CPAP therapy. - Offers access to 95 video clips online, including expert interviews and sleep study footage of various sleep disorders. - Meets the needs of practicing clinicians as well as those preparing for the sleep medicine fellowship examination or recertification exams, with more than 950 self-assessment questions, answers, and rationales online. - Enhanced eBook version included with purchase. Your enhanced eBook allows you to access all of the text, figures, and references from the book on a variety of devices.

myofunctional therapy for adults: Restoring Prana Robin L. Rothenberg, 2019-12-19 One of the most common issues clients face is lack of energy, vitality or prana and this book presents a simple yet revolutionary breathing approach to restore balance. Grounded in the yogic teachings, this text introduces the Buteyko breathing method as a more contemporary way of understanding the original intention of pranayama. Through extensive research, Robin Rothenberg establishes that as with Dr. Buteyko's breath retraining technique, the ancient yogis prescribed breathing less not more. Vedic science and physiology are broken down and explained in accessible ways. The book presents a new understanding and application of breathing to address a wide range of ailments, including COPD, asthma, hay-fever, autoimmune disorders, anxiety, sleep apnoea and neurological conditions.

myofunctional therapy for adults: Integrative Neurology John W. McBurney, Ilene S. Ruhoy,

2020 Dementia, Parkinson's Disease, headache, and neuropathy are all conditions for which narrowly focused medical interventions all too often fall short. The first book in its field, *Integrative Neurology* synthesizes complementary modalities with state-of-the-art medical treatment to offer a new vision for neurological care. The authors begin by looking inward at the crisis of stress and burnout that confronts all of medicine, but neurology in particular. It goes on to provide a selective yet in-depth review of important topics in neurological practice from the perspective of integrative medicine. Taking an evidence based approach throughout, chapters cover chronic diseases such as Multiple Sclerosis, Dementia, and Parkinson's Disease. The volume also address clinical issues such as headache, traumatic brain injury, navigating the endocannabinoid system and aging, nutrition and stroke, neuropathy, toxins and neurodevelopment, as well as the modalities of Ayurvedic Medicine and acupuncture. Integrative medicine is defined as a healing-oriented medicine that takes account of the whole person (body, mind, and spirit) as well as all aspects of lifestyle. It emphasizes the therapeutic relationship and makes use of appropriate therapies, both conventional and alternative. Series editor Andrew Weil, MD is Professor and Director of the Arizona Center for Integrative Medicine at the University of Arizona. Dr. Weil's program was the first such academic program in the US, and its stated goal is to combine the best ideas and practice of conventional and alternative medicine into cost effective treatments without embracing alternative practices uncritically.

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