

Therapy Of The Hand And Upper Extremity Rehabilitation Protocols

The authoritative presentation of Eye Movement Desensitization and Reprocessing (EMDR) therapy, this groundbreaking book--now revised and expanded--has enhanced the clinical repertoires of more than 125,000 readers and has been translated into 10 languages. Originally developed for treatment of posttraumatic stress disorder (PTSD), this evidence-based approach is now also used to treat adults and children with complex trauma, anxiety disorders, depression, addictive behavior problems, and other clinical problems. EMDR originator Francine Shapiro reviews the therapy's theoretical and empirical underpinnings, details the eight phases of treatment, and provides training materials and resources. Vivid vignettes, transcripts, and reproducible forms are included. Purchasers get access to a Web page where they can download and print the reproducible materials in a convenient 8 1/2" x 11" size. New to This Edition *Over 15 years of important advances in therapy and research, including findings from clinical and neurophysiological studies. *New and revised protocols and procedures. *Discusses additional applications, including the treatment of complex trauma, addictions, pain, depression, and moral injury, as well as post-disaster response. *Appendices with session transcripts, clinical aids, and tools for assessing treatment fidelity and outcomes. EMDR therapy is recognized as a best practice for the treatment of PTSD by the U.S. Departments of Veterans Affairs and Defense, the International Society for Traumatic Stress Studies, the World Health Organization, the U.K. National Institute for Health and Care Excellence (NICE), the Australian National Health and Medical Research Council, the Association of the Scientific Medical Societies in Germany, and other health care associations/institutes around the world.

Hemostasis & car

The hidden brain is the voice in our ear when we make the most important decisions in our lives—but we're never aware of it. The hidden brain decides whom we fall in love with and whom we hate. It tells us to vote for the white candidate and convict the dark-skinned defendant, to hire the thin woman but pay her less than the man doing the same job. It can direct us to safety when disaster strikes and move us to extraordinary acts of altruism. But it can also be manipulated to turn an ordinary person into a suicide terrorist or a group of bystanders into a mob. In a series of compulsively readable narratives, Shankar Vedantam journeys through the latest discoveries in neuroscience, psychology, and behavioral science to uncover the darkest corner of our minds and its decisive impact on the choices we make as individuals and as a society. Filled with fascinating characters, dramatic storytelling, and cutting-edge science, this is an engrossing exploration of the secrets our brains keep from us—and how they are revealed.

Ideal for hand surgeons, residents in a hand surgery rotation, and therapists interested in a review of surgical principles, Principles of Hand Surgery and Therapy, 3rd Edition, by Drs. Thomas E. Trumble, Ghazi M. Rayan, Mark E. Baratz, Jeffrey E. Budoff, and David J. Slutsky, is a practical source of essential, up-to-date information in this specialized area. This single-volume, highly illustrated manual covers all areas of adult and pediatric hand surgery and therapy, including the elbow. You'll find state-of-the-art basic science combined with step-by-step techniques and therapeutic protocols, helping you hone your skills and prescribe effective long-term care for every patient. An expanded therapy section with more than 50 diagnosis-specific rehabilitation protocols and more than 100 full-color photographs. New chapters on pediatric fractures; expanded coverage of carpal injuries, including fractures and ligament injuries and perilunate instability; a new chapter on diagnostic and therapeutic arthroscopy for wrist injuries; and expanded treatment of arthritis. New information on pediatric surgery with detailed surgical images. The latest information on pain management, as well as nerve physiology and nerve transfers. Core knowledge needed for the boards—including tumors, free tissue transfer, and thumb reconstruction. Consult this title on your favorite e-reader, conduct rapid searches, and adjust font sizes for optimal readability.

The book, " Hand therapy in children with cerebral palsy", is a concise practical book for parents, practising paediatric therapists, and other healthcare professionals. The book is an informative resource on the practical aspects of improving hand function in children with the spastic type of cerebral palsy including, monoplegia, hemiplegia, diplegia, and spastic quadriplegia. The book deals in detail with the typical development, evaluation, and identification of abnormal patterns of hand function in children with spastic cerebral palsy. The concepts of therapeutic intervention and handling of the child have been well explained and presented with pictures wherever necessary. This book is concise and well organized making it easy to read. Glossary has been provided at the end of the book, defining the key terms. Priya Reddappa, MPT (Paediatric Neurology), APGDCR-PV, is a postgraduate Paediatric Physical Therapist, and a licensed Life Member of Indian Association of Physiotherapists (MIAP). She completed her Masters in Physical Therapy from The Tamilnadu Dr M.G.R Medical University and has experience as a Physical Therapist over 12 years in various clinical areas of Orthopaedics, Neurology, Cardiorespiratory, and Neuropaediatric conditions. As a clinically driven professional, she has worked in paediatric acute care (inpatient settings), outpatient settings, special school, and paediatric rehabilitation centres. She has handled paediatric patients at Apollo Children's Hospital, Chennai for over five years. She gained experience as a Research Clinical Evaluator for Apollo Hospitals Education and Research Foundation for a Clinical Trial on Duchenne Muscular Dystrophy for about four years. She has published two research papers in International journals regarding hand function in children with cerebral palsy, and adults with spinal cord injury.

Presenting over 100 rehabilitation protocols for the hand and upper extremity in an easy-to-use, step-by-step format, this practical reference provides surgeons and therapists alike with a go-to source for the therapy technique or strategy appropriate for their patients. Covering injuries from the shoulder, elbow, wrist, hand and fingers, each protocol includes bullet-pointed steps in daily or weekly increments following the injury or surgery and are inherently adaptable to the specific surgical intervention or rehabilitation requirement. Procedures following arthroplasty, extensor and flexor tendon injuries, fractures and dislocations, ligament and soft tissue injuries, and nerve compression syndromes are among the many and multifaceted therapies presented. This book will be an invaluable resource for the orthopedic surgeon, hand surgeon, physical therapist, occupational therapist, hand therapist and any active clinician treating injuries to the hand and upper extremity.

Providing orthosis patterns for most upper extremity diagnoses, this Second Edition of Orthotic Intervention for the Hand and Upper Extremity: Splinting Principles and Process provides a practical framework to help students, as well as new and experienced occupational therapists, make an informed decisions about the best solutions for their patients. This detailed and easy-to-use reference demonstrates splint fabrication techniques and related interventions for the upper extremity, highlights anatomical and biomechanical principles, discusses associated indications and precautions, details common orthotic interventions, and provides an overview of popular taping methods. Abundantly illustrated, the book includes clinical pearls and a section dedicated to splinting for a spectrum of diagnoses and populations. For the first time, Orthotic Intervention for the Hand and Upper Extremity is accompanied by a full suite of instructor and student resources that save time and reinforce student learning, including online case studies, videos that demonstrate common injuries/splints, instructor PowerPoint slides, sample syllabi, an image bank, a test generator and much more.

"With a convenient outline format, this reference is ideal for use at the point of care. It covers common medical conditions of the hand, discussing both surgical and nonsurgical therapy options. Rehabilitation for both types of treatment is reviewed, and potential postoperative complications are addressed. Reflecting the collaborative nature of current

practice, each chapter is written by a hand therapist with surgical content provided by a hand surgeon."--BOOK JACKET.

In this book, leading international experts showcase the latest advances in research into Dupuytren disease and its clinical management. The coverage spans all relevant specialties, including cell biology, biomechanics, genomics, surgery, pharmacotherapy, and radiotherapy. The opening sections address epidemiology, cellular and extracellular events, and genetics. Treatment by means of collagenase injection, percutaneous needle fasciotomy, and other surgical and minimally invasive approaches is then extensively discussed. Comparative studies of different approaches are reviewed, and aspects of patient assessment, examined. The prevention and treatment of disease recurrences are also addressed. Further sections consider related conditions, other treatment options, and future pathways for research. This book should be read by all who treat or conduct research into Dupuytren disease. It is based on presentations delivered at the 2015 International Conference on Dupuytren Disease, held in Groningen, the Netherlands, which was designed to promote a coordinated global response to the disease involving patients, scientists, and clinicians.

Fundamentals of Hand Therapy Clinical Reasoning and Treatment Guidelines for Common Diagnoses of the Upper Extremity Elsevier Health Sciences

"With the combined expertise of leading hand surgeons and therapists, Rehabilitation of the Hand and Upper Extremity, helps you apply the best practices in the rehabilitation of hand, wrist, elbow, arm and shoulder problems, so you can help your patients achieve the highest level of function possible. This text has been updated with 30 new chapters that include the latest information on arthroscopy, imaging, vascular disorders, tendon transfers, fingertip injuries, mobilization techniques, traumatic brachial plexus injuries, and pain management. "--Publisher.

This book focuses on emerging issues in usability, interface design, human-computer interaction, user experience and assistive technology. It highlights research aimed at understanding human interaction with products, services and systems, and focuses on finding effective approaches for improving user experience. It also discusses key issues in designing and providing assistive devices and services to individuals with disabilities or impairment, to assist mobility, communication, positioning, environmental control and daily living. The book covers modelling as well as innovative design concepts, with a special emphasis on user-centered design, and design for specific populations, particularly the elderly. Virtual reality, digital environments, heuristic evaluation and forms of device interface feedback of (e.g. visual and haptic) are also among the topics covered. Based on the both the AHFE 2019 Conference on Usability & User Experience and the AHFE 2019 Conference on Human Factors and Assistive Technology, held on July 24-28, 2019, Washington D.C., USA, this book reports on cutting-edge findings, research methods and user-centred evaluation approaches.

Principles of Hand Surgery and Therapy-by Thomas E. Trumble, MD-is a single-volume, highly illustrated working manual that encompasses all of today's essential knowledge on hand surgery and therapy, including the elbow. Combining state-of-the-art coverage of basic science with step-by-step techniques-such as Carpal fractures, Vascularized bone grafts for scaphoids, Elbow reconstruction with MCL repair, Wrist ligament reconstructions, and Adam's tendon weave hand and wrist anatomy-in print and on video on the bound in DVD, this resource offers detailed guidance for surgeons. The addition of therapeutic protocols where necessary makes it easy to prescribe the most effective long-term follow up and care for all your patients. Covers all the required knowledge for a hand surgery curriculum to provide you with all the basics you need. Includes therapeutic content to help you better understand long-term follow up. Incorporates simple, true-to-life drawings done in an anatomy lab under Dr. Trumble's guidance to help you learn the visual nuances. Features new chapters on the elbow to reflect the most recent changes in practice. Explains techniques in more detail to help you better hone your skills. Provides all-new intraoperative photographs that take advantage of the most recent technology for clear, instructive visual guidance. Bridges the gap in knowledge between trainee and experienced surgeon on complete patient follow-up with a list of Key Surgical Videos summarized at-a-glance in the opening of every appropriate chapter. Includes a bonus DVD with videos of step-by-step procedures so you can see them performed in real time.

Get a quick, expert overview of optimal therapeutic interventions for pediatric patients with musculoskeletal conditions of the hand. This concise resource by Drs. Joshua Abzug, Scott Kozin, and Rebecca Neiduski offers practical recommendations and guidelines along with key background information, for a well-rounded, concise perspective on hand therapy for children. You'll benefit from the knowledge and experience of orthopaedic surgeons and other members of the rehabilitation care team who provide a real-world, multidisciplinary approach to this complex field. Covers a wide range of musculoskeletal conditions, including congenital disorders, joint disorders, neuromuscular disorders, sports-related injuries, trauma, and burns. Includes supporting background information, including an overview of embryology, intrauterine diagnosis, and physical functional development. Discusses complementary clinical approaches, including orthotic intervention and prosthetics. Consolidates today's available information on this timely topic into a single convenient resource.

Therapy for upper extremity medical conditions and surgeries

The original edition was the first book to provide a comprehensive overview of the ways in which animals can assist therapists with treatment of specific populations, and/or in specific settings. The second edition continues in this vein, with 7 new chapters plus substantial revisions of continuing chapters as the research in this field has grown. New coverage includes: Animals as social supports, Use of AAT with Special Needs students, the role of animals in the family- insights for clinicians, and measuring the animal-person bond. *Contributions from veterinarians, animal trainers, psychologists, and social workers *Includes guidelines and best practices for using animals as therapeutic companions *Addresses specific types of patients and environmental situations

In this enhanced digital edition of The MELT Method, Sue Hitzmann shows you how to live without pain, illustrating her MELT techniques with 20 instructional videos plus 10 audio clips, so you can listen hands-free while you start your journey toward a pain-free body. In The MELT Method, therapist Sue Hitzmann offers a breakthrough self-treatment system to combat chronic pain and erase the effects of aging and active living—in as little as ten minutes a day. With a focus on the body's connective tissues and the role they play in pain, stress, weight gain, and overall health, Hitzmann's life-changing program features techniques that can be done in your own home. A nationally known manual therapist and educator, Hitzmann helps her clients find relief from pain and suffering by taking advantage of the body's natural restorative properties. The MELT Method shows you how to eliminate pain, no matter what the cause, and embrace a happier, healthier lifestyle.

Part of the popular Secrets series, this helpful reference presents basic physical therapy concepts and then introduces different healing modalities, specialties and orthopedic procedures typically prescribed for common injuries such as shoulders and extremities. Common diseases are included as well as more innovative diagnostic tools for physical therapists such as radiology. Each chapter features concise information that includes the author's tips, memory aids and "secrets." Bulleted lists, algorithms and illustrations provide a quick review of the specific topic discussed. The information is entirely evidence-based, outcome based and up-to-date.

This comprehensive resource and clinical guide for students and practicing pediatric therapists features current information on the neurological foundations of hand skills, the development of hand skills, and intervention with children who have problems related to hand skills. Covers foundation and development of hand skills, therapeutic intervention, and special problems and approaches. Is readable, concise, and well-organized with a consistent format throughout. Integrates recent research findings and current thinking throughout the text. Emphasizes neuroscience and the hand's sensory function and haptic perception. Applies neuroscience and development frames of reference throughout. Implications for practice included in each chapter. Presents concepts in the foundation/development chapters that are linked with the intervention chapters. Seven new chapters reflect current practice in the field and cover cognition & motor skills, handedness, fine-motor program for preschoolers, handwriting evaluation, splinting the upper extremity of the child, pediatric hand therapy, and efficacy of interventions. Extensively revised content throughout includes new research and theories, new techniques, current trends, and new information sources. 9 new contributors offer authoritative guidance in the field. Over 200 new illustrations demonstrate important concepts with new clinical photographs and line drawings. Over 50 new tables and boxes highlight important information. An updated and expanded glossary defines key terms.

This practical book presents the latest and most effective occupational therapy methods and theories designed for treating patients with decreased hand function. The growing incidence of hand injuries in recent years has challenged occupational therapists to develop innovations in hand care. Now, with this authoritative resource, you can greatly enhance your practice skills and ability to plan effective treatment programs. The contributors provide clear examinations of such topics as wound and scar tissue management, the treatment of Colles fracture, and pre- and post-operative approaches to therapy, among many other pertinent areas.

* Continues to provide a concise, straightforward guide to the assessment and management of the more commonly encountered hand injuries and conditions * The book is brief whilst still retaining sufficient theoretical background to provide a rationale for treatment * A popular and well-established practical manual * Totally updated and revised for this new edition containing many new chapters and illustrations with a revised format for even greater clarity * An accessible, quick reference book for all those involved in this difficult area of rehabilitation

Fully revised and updated, the second edition of Hand Surgery has been broadened to reflect the diverse nature of the speciality, providing more detail on hand therapy and alternatives to hand surgery, whilst maintaining surgical techniques in line with current guidelines. The compact format of Hand Surgery, part of the Oxford Specialist Handbooks in Surgery series, is designed to work both as a revision guide, with clearly organised chapters and headings throughout, and as an aide-memoire for fine detail such as pathology classifications. Featuring an authoritative list of contributors from hand surgeons and therapists, this new edition reflects the close working relationships between the two disciplines and draws from the knowledge of experts in the field.

Emphasizes the development of clinical reasoning skills, describing the components of the evaluation process and addressing how to decide what to evaluate. Covers a broad array of common diagnoses seen in hand therapy, including shoulder and elbow disorders, peripheral nerve problems, wrist and hand fractures, tendonitis and tendonosis, finger sprains and deformities, tendon injuries, arthritis, burns, infections, ganglion cysts, stiffness, Dupuytren's, -

Written for hand therapy specialists and non-specialists, Cooper's Fundamentals of Hand Therapy, 3rd Edition emphasizes treatment fundamentals, and provides tips and guidelines for hand therapy practice. This easy-to-use illustrated text and reference guide helps further develop your clinical reasoning skills by describing what goes into the evaluation process, highlighting the humanistic side of each encounter through case studies, and providing the wisdom the contributing authors have acquired through years of practice. This new edition also features additional chapters on the use of common physical agents and orthoses, plus added content on how to integrate evidence-based findings into daily hand practice. UPDATED! Chapter covering Orthoses Essential Concepts reflects the latest information in the field. Case studies with questions and resolutions help you develop strong clinical reasoning skills while presenting the human side of each client encounter. Special features sections such as Questions to Discuss with the Physician, What to Say to Clients, Tips from the Field, and more help you find your own clinical voice. Anatomy sections throughout text highlight important anatomical bases of dysfunctions, injuries, or disorders. Clinical Pearls highlight relevant information from an experienced author and contributors that you can apply to clinical practice in the future. Evaluation Techniques and Tips help you master appropriate and thorough clinical evaluation of clients. Diagnosis-specific information in the final section of the book is well-organized to give you quick access to the information you need. NEW! Chapter covering Physical Agent Modalities helps you understand how to use common hand therapy tools. NEW! Evidence-Based Practice content outlines how to closely examine evidence and integrate it into daily hand therapy practice. NEW! Photos and illustrations throughout provide clear examples of tools, techniques, and therapies.

This book clearly explains when and how different rehabilitation techniques should be applied in the aging patient, thereby enabling readers to identify and apply those rehabilitation strategies

that will maximize quality of life and functional independence in individual cases. It is specifically designed for ease of consultation and rapid retrieval of the information most relevant to clinical practice. Prominence is given to the benefits of a multidisciplinary approach to rehabilitation, with discussion of a very wide range of aspects of rehabilitation in different disease settings. The breadth of coverage is illustrated by the attention paid to less commonly addressed topics such as visual and hearing rehabilitation, the role of robotics and 3D imaging techniques, variations in approach among health care systems, and rehabilitation in end-of-life care. The authors are international academic experts in their fields, guaranteeing a high scientific standard throughout. This manual will be an invaluable tool and source of knowledge for geriatricians and physiatrists but will also appeal to a wider range of clinicians, practitioners, and students.

As with clinical practice, hand surgeons and therapists have come together to create this unique publication that delivers a comprehensive guide on management of common disorders of the upper extremity. This publication provides treatment concepts from perspectives of the surgeon and therapist and is designed as a reference for therapists or surgeons in training. Starting with surgical anatomy and basic science, and organized by pathology, the text covers all aspects of management of each disorder: clinical features, imaging studies, surgical procedures and therapy intervention.

Systematic and practical, this book describes all relevant flap plasties of the hand and the upper extremity, both conventional and micro-vascular. The introduction presents the anatomical situation. Based on this, the various therapeutic procedures are explained in a clear, streamlined manner. An overview of differential therapies complements the work. Seven hundred illustrations and anatomical diagrams show what really matters.

* Aids the therapist in the treatment and management of hand injury, whether it is caused by injury or disease * Edited by a physiotherapist and an occupational therapist * Expert contributors in the field including Dr Wynn Parry, Jeff Boyling and Victoria Frampton

Emphasizes the development of clinical reasoning skills, describing the components of the evaluation process and addressing how to decide what to evaluate. Covers a broad array of common diagnoses seen in hand therapy, including shoulder and elbow disorders, peripheral nerve problems, wrist and hand fractures, tendonitis and tendinosis, finger sprains and deformities, tendon injuries, arthritis, burns, infections, ganglion cysts, stiffness, Dupuytren's, and pediatric and geriatric hand problems. Diagnostic-specific information and treatment guidelines follow a consistent format: Overview Diagnosis and pathology Timelines and healing Anatomy Treatment (non-operative and/or operative) Questions to ask the doctor What to say to clients Evaluation tips Diagnosis-specific information that affects clinical reasoning Tips from the field Precautions and concerns Role of therapy assistants Case examples Offers topics to use as mental prompts when working in the clinical setting: Questions to ask the doctor What to say to clients Tips from the field Precautions and concerns Over 400 illustrations in the text and on the CD demonstrate important concepts. Case studies in the common diagnoses chapters demonstrate the use of clinical reasoning and highlight the "human" side of each client encounter. Clinical pearls and precautions share advice from the author and contributors, learned from years of clinical experience. Describes the role of the therapy assistant with the client, showing how the therapy assistant may be included in the therapy process. Glossary includes key terms from the text, offering easy access to definitions of key terms. CD provides samples of hand therapy exercises and clinical forms that may be used with clients.

NEW YORK TIMES BESTSELLER "I come from a family forged by tragedies and bound by a remarkable, unbreakable love," Hunter Biden writes in this deeply moving memoir of addiction, loss, and survival. When he was two years old, Hunter Biden was badly injured in a car accident that killed his mother and baby sister. In 2015, he suffered the devastating loss of his beloved big brother, Beau, who died of brain cancer at the age of forty-six. These hardships were compounded by the collapse of his marriage and a years-long battle with drug and alcohol addiction. In *Beautiful Things*, Hunter recounts his descent into substance abuse and his tortuous path to sobriety. The story ends with where Hunter is today—a sober married man with a new baby, finally able to appreciate the beautiful things in life.

This expanded edition text offers updated information and the addition of 100 extra photographs and line drawings. Updated information includes the basic concepts and principles of splint design and the importance of communication for creating effective splinting techniques.

With the combined expertise of leading hand surgeons and therapists, *Rehabilitation of the Hand and Upper Extremity*, 6th Edition, by Drs. Skirven, Osterman, Fedorczyk and Amadio, helps you apply the best practices in the rehabilitation of hand, wrist, elbow, arm and shoulder problems, so you can help your patients achieve the highest level of function possible. This popular, unparalleled text has been updated with 30 new chapters that include the latest information on arthroscopy, imaging, vascular disorders, tendon transfers, fingertip injuries, mobilization techniques, traumatic brachial plexus injuries, and pain management. An expanded editorial team and an even more geographically diverse set of contributors provide you with a fresh, authoritative, and truly global perspective while new full-color images and photos provide unmatched visual guidance. Access the complete contents online at www.expertconsult.com along with streaming video of surgical and rehabilitation techniques, links to Pub Med, and more. Provide the best patient care and optimal outcomes with trusted guidance from this multidisciplinary, comprehensive resource covering the entire upper extremity, now with increased coverage of wrist and elbow problems. Apply the latest treatments, rehabilitation protocols, and expertise of leading surgeons and therapists to help your patients regain maximum movement after traumatic injuries or to improve limited functionality caused by chronic or acquired conditions. Effectively implement the newest techniques detailed in new and updated chapters on a variety of sports-specific and other acquired injuries, and chronic disorders. Keep up with the latest advances in arthroscopy, imaging, vascular disorders, tendon transfers, fingertip injuries, mobilization techniques, traumatic brachial plexus injuries, and pain management See conditions and treatments as they appear in practice thanks to detailed, full-color design, illustrations, and photographs. Access the full contents online with streaming video of surgical and rehabilitation techniques, downloadable patient handouts, links to Pub Med, and regular updates at www.expertconsult.com. Get a fresh perspective from seven new section editors, as well as an even more geographically diverse set of contributors.

Perfect for hand therapy specialists, hand therapy students, and any other professional who encounters clients with upper extremity issues, *Fundamentals of Hand Therapy*, 2nd Edition contains everything you need to make sound therapy decisions. Coverage includes hand anatomy, the evaluation process, and diagnosis-specific information. Expert tips, treatment

guidelines, and case studies round out this comprehensive text designed to help you think critically about each client's individual needs. "Overall, a very clear readable style is adopted throughout, with theory supported by various anecdotal case studies. Excellent use is made of illustrations, and many chapters contain the helpful addition of 'clinical pearls' or 'tips from the field', which are an attempt to make transparent the links between theory and practice. In conclusion, this is an excellent core text for reference purposes." Reviewed by: British Journal of Occupational Therapy Date: Aug 2014 Clinical Pearls and Precautions highlight relevant information learned by the experienced author and contributors that you can apply to clinical practice. Case examples included in the diagnoses chapters in Part Three demonstrate the use of clinical reasoning and a humanistic approach in treating the client. Diagnosis-specific information in the final section of the book is well-organized to give you quick access to the information you need. Special features sections such as Questions to Discuss with the Physician, What to Say to Clients, Tips from the Field, and more help readers find their own clinical voices. Online sample exercises give you a pool to pull from during professional practice. NEW! Chapters on yoga and pilates provide guidance into new ways to treat upper extremity problems. NEW! Chapter on wound care gives you a thorough foundation on how wounds impact therapeutic outcomes. NEW! Chapter on orthotics has been added to cover basic splinting patterns. NEW! Online resources help assess your understanding and retention of the material.

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