

By Marylynn A Jacobs Orthotic Intervention Of The Hand And Upper Extremity Splinting Principles And Process 2nd Revised Edition 82613

Lippincott(R) Connect Featured Title Purchase of the new print edition of this Lippincott(R) Connect title includes lifetime access to the digital version of the book, plus related materials such as videos and multiple-choice Q&A and self-assessments. Companion to the Fabrication Process Manual for Orthotic Intervention for the Hand and Upper Extremity, now published as a separate text. This comprehensive text is the perfect resource for use in the classroom, during labs, and in clinical practice for both occupational and physical therapists. Additionally, it is a great reference for those studying to become a Certified Hand Therapist (CHT). Orthotic Intervention for the Hand and Upper Extremity: Splinting Principles and Process superbly highlights anatomical and mechanical principles; discusses associated indications and precautions; and promotes clinical reasoning skills by presenting various patient examples, therefore allowing you to confidently utilize techniques in clinical practice. This updated third edition is divided into the following sections: fundamentals necessary for successful orthotic fabrication, additional intervention methods, and orthoses for specific diagnoses and patient populations. Now with a larger format for more generous pattern appreciation, as well as incorporated and revised evidence-based content from an expanded list of contributing authors, it remains the go-to resource for every level of usage. New Chapters on Relative Motion Orthoses, Prosthetics, Orficast, Delta-Cast, and Tendon & Nerve Transfers. Fabrication Process Manual is now a separate supplemental resource including comprehensive step-by-step directions for more than 60 orthoses in addition to dozens more orthosis options included within the Clinical and Expert Pearls. Full-color photographs of actual patients provide hundreds of new clinical examples demonstrating the direct link to clinical practice. Larger Format of textbook allowing for larger images and additional content. Addition of Expert Pearls generously shared by dozens of hand therapy experts from around the world including unique orthotic ideas, tips, and material usage. Field Notes written by chosen clinical experts highlighting a unique perspective on that chapter's content. FAQs list common questions therapists have related to orthotic fabrication and other intervention strategies for a specific patient population. Respected Surgeons contributed their thoughts highlighting the important collaborative relationship between a surgeon and hand therapist. Lippincott(R) Connect features: Lifetime access to the digital version of the book with the ability to highlight and take notes on key passages for a more personal, efficient study experience. Carefully curated resources, such as interactive diagrams, video tutorials, organ sounds, and self-assessment, all designed to facilitate further comprehension. Lippincott(R) Connect also allows users to create Study Collections to further personalize the study experience. With Study Collections you can: Pool content from books across your entire library into self-created Study Collections based on discipline, procedure, organ, concept or other topics. Display related text passages, video clips and self-assessment questions from each book (if available) for efficient absorption of material. Annotate and highlight key content for easy access later. Navigate seamlessly between book chapters, sections, self-assessments, notes and highlights in a single view/page.

This book is a practical guide for primary care physicians, psychiatrists, and other non-neurologist clinicians who encounter patients with neurologic problems. The book begins with overviews of neurologic symptoms, the neurologic examination, diagnostic tests, and neuroradiology, and then covers the full range of neurologic disorders that non-neurologists encounter. Chapters follow a consistent structure with key elements highlighted for quick scanning. Each chapter begins with Key Points and includes Special Clinical Points, Special Considerations in the Hospitalized Patient, and When a Non-neurologist Should Consider Referring to a Neurologist. Each chapter ends with an Always Remember section emphasizing the most important practical issues and a series of self-study questions.

"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.

Orthotic Intervention for the Hand and Upper Extremity Splinting Principles and Process LWW

Outlines strategies to improve customer service, gather advocates, maintain resources, and garner recognition for providing value.

Our primary tools for manipulating the environment are our hands. With only one, an individual is significantly limited. Loss of both hands necessitates the use of prostheses, which can only partially compensate for the incredible proficiency of the machinery controlling the hands' intrinsic and extrinsic musculature. To manage the rehabilitation of patients whose hands have suffered injury due to trauma or diseases of metabolic, joint, or connective tissue requires the combined efforts of talented clinicians from many disciplines.

Completely updated in a new edition, this unique reference is an in-depth examination of the central role of the physical therapist in rehabilitation following spinal cord injury. This book encompasses all of the elements involved in a successful rehabilitation program. It includes a basic understanding of spinal cord injuries and issues relevant to disability, as well as knowledge of the physical skills involved in functional activities and the therapeutic strategies for acquiring these skills. It also presents an approach to the cord-injured person that promotes self-respect and encourages autonomy. Comprehensive information equips readers with a broad foundation of knowledge including topics relevant to spinal cord injury, its pathological repercussions, and medical and rehabilitative management in preparation for program planning, patient and family education, and effective

participation as a member of a rehabilitation team.

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, 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.

Cases in Pediatric Occupational Therapy: Assessment and Intervention is designed to provide a comprehensive collection of case studies that reflects the scope of current pediatric occupational therapy practice. Drs. Susan Cahill and Patricia Bowyer, along with more than 50 contributors, begin each section with an introduction to the practice setting and direct instructors and students to additional resources for more information. The text includes more than 40 cases that include client overviews, relevant history and background information; information regarding the analysis of occupational performance; information about progress in treatment; and questions to promote the development and refinement of clinical reasoning skills. Cases are presented from various practice settings, including: The neonatal intensive care unit Early intervention School systems Outpatient services Hospital-based settings Mental health settings Community settings Each case included in Cases in Pediatric Occupational Therapy is written by professionals with first-hand experience working with pediatric clients from the specific practice setting, and it aligns with the occupational therapy process represented in the AOTA's Occupational Therapy Practice Framework, Third Edition. In addition, supplemental information, photographs, and video clips help to bring the cases to life. Instructors in educational settings can visit www.efacultyounge.com for additional materials to be used in the classroom. Cases in Pediatric Occupational Therapy will guide occupational therapy students, faculty, and practitioners through effective clinical decision making during the selection of assessment procedures and the development of client-centered and context-specific intervention plans.

This new resource instructs students and clinicians in splint fabrication techniques and related interventions for the upper extremity, and highlights anatomical and biomechanical principles specifically related to splints. It defines the purpose of splints, and offers associated indications and precautions. Intelligently organized and generously illustrated, each chapter includes clinical hints, and a specific section dedicated to splinting for a spectrum of diagnoses and populations. Indexes provide a user-friendly cross-reference that lists splints by name and splints by diagnosis to assist the reader in usage of the manual. Also provides insight into the clinical experience with emphasis on containing cost while maximizing time efficiency. Professional hands-on splinting workshops are going on for all levels of experience--visit cj-education.com to find out if these authors are coming to your area!

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.

A comprehensive assessment of the clinical, psychological, legal, and cultural aspects of dealing with unnecessary pain in the elderly. The authors explore pharmacotherapy (nonopioids, opioids, and adjuvants), interventional strategies, the role of rehabilitation in managing pain in seniors, and the problems of pain management in long-term care.

Supplementary features include continuing medical education (CME) certification, a CME posttest and evaluation to be completed and submitted for credit, and an appendix of analgesics that details starting oral doses, maximum daily oral doses, and special considerations for the elderly. 6.5 AMA/PRA category 1 CME credits with completion of included test.

Whether you are a student or a clinician, if you work with patients with neuromuscular and musculoskeletal impairments, you will find this text supplies a strong foundation in and appreciation for the field of orthotics and prosthetics that will give you the critical skills you need when working with this unique client population.

Evaluation, which promotes a greater understanding of the people occupational therapy serves, is the foundation of occupational therapy practice and provides evidence to guide "best practices." This new edition of the classic text focuses on the role of the occupational therapist as an evaluator with assessment support provided by the occupational therapy assistant. Chapters discuss the various aspects of a comprehensive evaluation, including screening, evaluation, reassessment, and re-evaluation, and reaffirm the importance of understanding people as occupational beings. The expansion of this revision reflects contemporary evaluation approaches. Most importantly, the authors discuss the influence that evaluation practices have on practice and remind readers to think about not only what the current practice environment wants an evaluation to be but also what the profession believes a comprehensive evaluation should be.

This groundbreaking book addresses a critical aspect of the occupational therapy practice—the art and science of building effective therapeutic relationships with clients. A distinguished clinician, scientist, and educator, Renée Taylor, PhD, has defined a conceptual practice model, the Intentional Relationship Model, to identify how the client and the therapist each contribute to the unique interpersonal dynamic that becomes the therapeutic relationship. She emphasizes how therapists must act deliberately, thoughtfully, and with vigilant anticipation of the challenges and breakthroughs that have the potential to influence the course of the relationship.

This book has been updated and revised into a comprehensive Second Edition that logically provides a foundation for understanding the bio-physiological effects of physical agents and their impact on an individual's occupational performance and functioning. This second edition provides the occupational therapist and student with a user-friendly and organized reference on the application of physical agent modalities, commonly used by occupational therapists, as well as emerging technologies and interventions such as lasers and electromyographic biofeedback. It also outlines the application procedures for each modality, indications for their use, and the precautions and contraindications of the modality. New graphics and pictures enhance the reader's understanding of the physical agents, while case studies facilitate clinical reasoning and provide a practical resource to safely and effectively understand and use physical agents.

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.

Designed to help students become effective, reflective practitioners, this fully updated edition of the most widely used occupational therapy text for the course continues to emphasize the "whys" as well as the "how-tos" of holistic assessment and treatment. Now in striking full color and co-edited by renowned educators and authors Diane Powers Durette and Sharon Gutman, *Occupational Therapy for Physical Dysfunction*, Eighth Edition features expert coverage of the latest assessment techniques and most recent trends in clinical practice. In addition, the book now explicitly integrates "Frames of Reference" to help students connect theories to practice and features a new six-part organization, thirteen all-new chapters, new pedagogy, and more. 'Mercer's' has a unique and important place in the orthopaedic literature. It has long been one of the leading postgraduate textbooks, and as a learning resource on the basic scientific, diagnostic and therapeutic aspects of orthopaedic surgery it is unsurpassed. For Fellowship and Boards candidates and junior orthopaedic surgeons it is an essential purchase. This major revision is edited by two of the leading orthopaedic surgeons in the UK, both with extensive experience in North America. In addition, international experts contribute specialist chapters. The text and illustrations have been fully revised to reflect modern practice.

Since its first publication, almost two decades ago, *A System of Orthopaedic Medicine* has proven to be a reliable resource and guide for those clinicians working in the field of orthopaedic medicine who assess and treat the effects of musculoskeletal pain. This third edition remains focused on clinical reasoning and diagnosis, with detailed guidance on palpation of the

anatomical structures and the correct performance of each therapeutic technique. Following the 'System', the clinician first completes a systematic clinical assessment of the joints involved, and then, after interpreting the results, groups the disorders and conditions into clinical syndromes. Finally, the natural history and the conservative treatment of each condition are discussed accordingly. NEW! Building on the previous edition, A System of Orthopaedic Medicine now comes with access to online resources designed to support and enhance the learning experience of each and every clinician using the book. The new edition has been streamlined for easier access and handling by transferring all the applied anatomy chapters, references, links and other selected chapters onto the online resources. LOG ON TO www.orthopaedicmedicineonline.com TO START YOUR EXPERIENCE AND ACCESS: x100 video clips of examination and treatment techniques (referenced in the book) all the references with access to the abstracts on Medline online only chapters which includes applied anatomy (referenced in the book) A logical, step-by-step approach to examination and assessment which helps identify the source of the problem more quickly and surely Fully comprehensive – the entire musculoskeletal system is addressed Summary charts and tables facilitate quick reference and easy revision Multiple illustrations supplement and further clarify the text Differential diagnosis flowcharts summarize the deductive thought sequence which should be followed for each joint examination Access to online resources which include videos of techniques and much more! – www.orthopaedicmedicineonline.com

An A to Z resource on running including history, key figures, major events, and primary training theories and terms.

A guide to proper American English word usage, grammar, pronunciation, and style features examples of good and bad usage from the media.

This practice guideline aims to provide specific recommendations to support clinical practice and decision-making in splinting when used as an intervention for adults with neurological conditions who have, or are at risk of, contractures.

This book is a succinct and practical guide for students and practitioners applying occupational therapy models in the field. It provides an overview of the common models in practice and bridges the gap between theoretical texts on conceptual models and the immediate demands of practice. It describes occupational therapists' use of models within the realities of practice in a variety of contexts and takes the approach that practice models can be used as tools to guide clinical reasoning. Provides an in-depth overview of 9 different models which can easily be compared and contrasted Highlights the vital relationship between clinical reasoning and the practical use of models Includes tools such as clinical reasoning memory aids, diagrams and major references Presents models in the context of their culturally and historically situated development Written by internationally renowned occupational therapists who are well experienced in applying models to practice

Offers occupational therapy students and practitioners an overview of the effects of pathological conditions on their clients' daily functioning, focusing on chronic health problems and their impact on one's physical, cognitive, psychological, and social capabilities.

Companion to the comprehensive hand therapy text, Orthotic Intervention for the Hand and Upper Extremity: Splinting Principles and Process This comprehensive manual is the perfect resource for use in the classroom, during labs, and in clinical practice for both occupational and physical therapists. Additionally, it is a great reference for those studying to become a Certified Hand Therapist (CHT). The Fabrication Process Manual complements the main text, Orthotic Intervention for the Hand and Upper Extremity: Splinting Principles and Process, and clearly presents step-by-step instructions for the fabrication of the orthoses as well as providing alternative orthotic treatment options. The various orthoses and techniques presented allow the therapist to tailor each orthosis for the specific patient.

"Global Perspectives in Professional Reasoning is the first text of its kind to address the broader scope of occupational therapy practice and the different types of professional reasoning that can be employed; including strategic, political, non-linear and creative reasoning. This text encompasses a wide range of thinking skills and cognitive processes used by occupational therapists, from reflecting on practice to solving problems, and from clinical reasoning to strategic reasoning. Marilyn Cole and Jennifer Creek and their contributors, are therapists, educators, and scholars who have explored new areas of professional practice and written about the thought processes that reinforced their actions. The authors come from around the world, providing a global perspective while also demonstrating that occupational therapists within different cultures serve remarkably similar human needs: to be included in their communities, to have occupational choices, and to determine their own life course. Many of the contributors in Global Perspectives in Professional Reasoning have identified and analyzed their own thought processes as they tackle complex and challenging tasks, often in unfamiliar contexts. These challenging tasks have produced several entirely original conceptualizations of professional reasoning, such as developmental and spiritual reasoning. The contributors start by observing what is going on, try to make sense of the situation, and then work out what to do. Other contributors are fascinated by a theory, a policy or an approach, study it, and then look for ways to utilize it in practice. Most of the time, contributors focus their attention on the process of reasoning rather than on the specific types of reasoning they are employing, or on desired outcomes"--Provided by publisher.

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, -

"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.

It is surprising that there is no "go-to" resource for the occupational therapy or occupational therapy assistant student to have when they embark on their professional journey. With this in mind, Lisa Davis and Marilyn Rosee have written Occupational Therapy Student to Clinician: Making the Transition to help students hone the skills employers look for in new hires. While many academic programs cover career-oriented topics, this is the first specific text to pull the pieces together with the purpose of showing readers how to become successful job candidates and employees. Perfect for the student preparing for an occupational therapy career, Occupational Therapy Student to Clinician covers all pragmatic issues that students face while securing their first job. This text outlines a variety of topics including résumé writing, interview skills, negotiating a salary, working within a team, developing professional competencies, and understanding the culture of an organization. Each chapter includes learning objectives and lists of practice activities that students can use to reinforce their skills. Occupational Therapy Student to Clinician: Making the Transition will benefit occupational therapy and occupational therapy assistant students preparing to graduate, as well as employed clinicians dealing with specific employment-related issues. This text will also guide the employee who wants to move to the next job and reacquaint themselves with the job-seeking process. This comprehensive resource provides strategies and solutions for many employment challenges and will be an asset in any professional development curriculum.

President Eisenhower, who was not always the best student, once wrote, "One cannot always read a man's future in the record of his younger days." Indeed, this review of the classroom experiences of presidents and first ladies from George and Martha Washington to Barack and Michelle Obama reveals that few made model students. Teachers reported that John F. Kennedy could "seldom locate his possessions," found George H.W. Bush "somewhat eccentric," and dubbed a sixth-grade Bill Clinton "a motormouth." In addition to chronicling the school days of these historic figures, this volume also relates their teaching experiences, the educational issues they addressed during their White House years, and intricacies of education at their time in history, providing an informative overview of American schooling over time.

Occupational Therapy with Children draws on contemporary research to examine children's roles, their occupations and the skills which underpin their ability to participate in society. The book will develop the occupational therapist's understanding of how to optimise the participation of children in the various environments in which they are required or choose to engage. Occupational Therapy with Children maintains a developmental perspective and incorporates child-centred interventions to improve performance deficits. Section one examines children's roles and occupations in contemporary society.

Look no further for the book that provides the information essential for successful practice in the rapidly growing field of gerontological occupational therapy! Occupational Therapy with Aging Adults is a new, comprehensive text edited by OT and gerontological experts Karen Frank Barney and Margaret Perkinson that takes a unique interdisciplinary and collaborative approach in covering every major aspect of geriatric gerontological occupational therapy practice. With 30 chapters written by 70 eminent leaders in gerontology and OT, this book covers the entire continuum of care for the aging population along with special considerations for this rapidly growing demographic. This innovative text also covers topical issues spanning the areas of ethical approaches to treatment; nutrition and oral health concerns; pharmacological issues; low vision interventions; assistive technology supports; and more to ensure readers are well versed in every aspect of this key practice area. UNIQUE! Intraprofessional and interprofessional approach to intervention emphasizes working holistically and collaboratively in serving older adults. Case examples help you learn to apply new information to actual patient situations. Questions at the end of each chapter can be used for discussion or other learning applications. Chapter on evidence-based practice discusses how to incorporate evidence into the clinical setting. Chapter on ethics provides a deeper understanding of how to address challenging ethical dilemmas. UNIQUE! Chapter on the wide range of physiological changes among the aging patient population highlights related occupational performance issues. UNIQUE! Chapter on oral health explores the challenges faced by older adults.

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Divided into three major sections, this title draws together contributions of scholars and practitioners on the theory, assessment and intervention, and research relating to sensory integrative dysfunction. 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.

"Entry-level occupational therapists are expected to have fundamental skills in splinting theory, design, and fabrication. As occupational therapy students, they gain these skills through didactic courses, fieldwork, or observations. Orthotic Intervention of the Hand and Upper Extremity: Splinting Principles and Process, Second Edition, delivers just that. Instructors need materials to teach students how to apply theory to practice in the area of splinting. This book provides instructors with the pedagogical framework necessary to help students, inexperienced therapists, and expert hand therapists make the right decision whether to fabricate a thermoplastic or neoprene splint, cast, tape, or choose an over-the-counter splint for their patient. This detailed and easy-to-use reference demonstrates splint fabrication techniques and related interventions for the upper extremity and highlights anatomical and biomechanical principles specifically related to splints"--Provided by publisher.

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.

Orthotic Design and Fabrication for the Upper Extremity: A Practical Guide by Drs. Katherine Schofield and Deborah Schwartz is a unique guide that illustrates orthotic design and fabrication in a clear step-by-step fashion by presenting printed textual material along with instructional videos. The first chapters lay the foundation for orthotic design and detail the anatomical knowledge and background information that is required before molding orthoses on clients. Each chapter explores a specific part of the upper extremity, describes several common clinical diagnoses, and highlights typical orthoses that might be utilized to immobilize and protect it. Together, these chapters communicate core, foundational knowledge for the use of orthoses as an intervention in occupational therapy practice. The instructional videos also emphasize the application of biomechanical, anatomic, and clinical constructs in orthotic design, fabrication, and evaluation. The textbook and video content work together enabling students and entry-level practitioners to learn with visual and versatile resources. University faculty members will gain access to ample activities and exercises to augment their classroom and laboratory teaching. This allows for more efficient use of time and appeals to the learning styles of current and future students. This text includes: Chapters devoted to specific type of orthosis for parts of the upper extremity linked to step-by-step instructional videos Case studies to promote a grasp of the knowledge and application to the development of clinical reasoning skills Multiple choice and short answer review questions and activities for most chapters Presentation of current evidence to support the use of the specific orthoses in clinical practice Patterns that can be replicated and check out sheets to critique each orthosis The combination of text materials and instructional video material makes Orthotic Design and Fabrication for the Upper Extremity: A Practical Guide a uniquely valuable resource for occupational therapy students, new graduates, and novice clinicians.

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