

Book Review



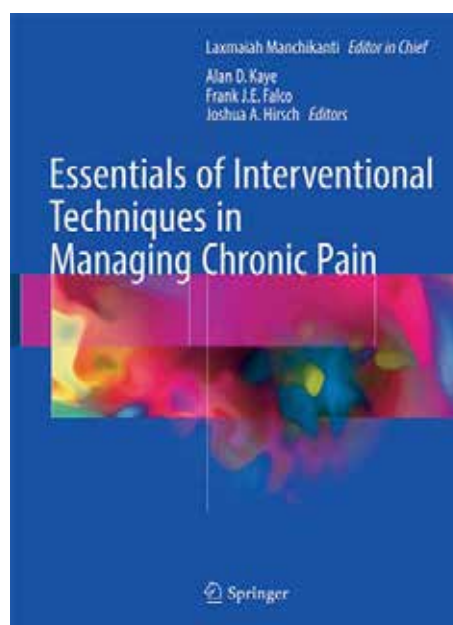
Essentials of Interventional Techniques in Managing Chronic Pain

Manchikanti L, Editor in Chief; Kaye AD, Falco FJE, Hirsch JA, Editors
Springer International Publishing, Cham, Switzerland; 2018
ISBN 978-3-319-60359-9 (Hardcover; Softcover; \$199)
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In *Essentials of Interventional Techniques in Managing Chronic Pain*, the authors provide a comprehensive revision and update of the highly successful series of ASIPP textbooks, *Interventional Techniques in Chronic Spinal Pain* (2007) and *Interventional Techniques in Chronic Non-Spinal Pain* (2009), which were the first textbooks to define the specialty of Interventional Pain Management in the modern era of pain medicine. As noted in the preface to *Essentials*, the editors have worked to provide "...an entirely new publication with comprehensive, evidence-based, practical coverage of the specialty, while keeping the original intent of providing the clinician with technical information".

The 67 authors have assembled a detailed but highly user-friendly textbook on the current specialty of Interventional Pain Medicine, that for each topic provides an introduction, historical background, pathophysiology, evidence, indications, relevant anatomy, technical considerations, precautions, side effects, complications and key points. The book is organized into 6 parts: Basic Considerations; Spinal Interventional Techniques, Nonspinal and Peripheral Nerve Blocks, Sympathetic Interventional Techniques, Soft Tissue and Joint Injections and Implantables, with 46 chapters, 932 illustrations (319 in color) and 87 tables. Of particular value is the organization of the textbook into major sections and text often presented in outline format to speed access and improve readability. The text and figures afford detailed, step by step guidance for performing the interventional techniques that are the focus of the specialty of Interventional Pain Management.

Part I. Basic Considerations, provides an extensive review of the fundamentals of basic science, pharmacology and practice documentation relevant to IPM in 6 concise chapters. These chapters outline the basics of



IPM practice, including the evolution of interventional techniques, chronic pain pathophysiology, relevant pharmacology, procedure compliance and documentation, sedation and an overview of antithrombotic therapy relevant to interventional pain procedures.

Part II. Spinal Interventional Techniques, provides detailed discussions of the core interventional procedures used to diagnose and treat chronic spinal pain, including epidural injections, disc procedures, sacroiliac joint injections, facet injections and vertebral augmentation procedures. The material is covered in 18 chapters that include key discussions of anatomy, radiology, fluoroscopy and needle manipulation skills, as well as neurolysis techniques for medial branch procedures.

Individual chapters cover each procedure following a standardized format, with introductory material, pain pathophysiology, treatment evidence, relevant anatomy, spinal blood supply, technical performance of the procedures, crucial fluoroscopic imaging required to interpret needle position, and focussed discussions of side effects, complications and anticoagulant management.

Part III. Nonspinal and Peripheral Nerve Blocks. is devoted to performing nerve blocks that address common chronic pain problems of peripheral nervous system origin, including trigeminal neuralgia, occipital neuralgia, shoulder pain, chest wall and abdominal wall pain, and extremity pain. The procedural material is presented in 7 chapters that follow the organizational format of the chapters on spinal interventions. In addition, a chapter on ultrasound basics is included. Ultrasound techniques are assuming a larger role in the performance of peripheral nerve blocks, and ultrasound images are provided for suprascapular, chest wall, and abdominal wall nerve blocks.

Part IV. Sympathetic Interventional Techniques. Sympathetic nervous system procedures continue to have an important role in chronic pain management. Six chapters are devoted to the topics of sphenopalatine blocks, cervical and thoracic sympathetic blocks, lumbar sympathetic blocks, hypogastric and ganglion impar blocks and celiac and splanchnic nerve blocks. Sympathetic techniques remain important strategies in the diagnosis and treatment of Complex Regional Pain Syndrome and visceral pain of inflammatory and malignant etiologies.

Part V. Soft Tissue and Joint Injections. Chronic pain of the musculoskeletal system, including pain arising from soft tissue and bursa, tendon sheaths and up-

per and lower extremity joints are increasingly common in the chronic pain clinic. Five chapters are devoted to these topics.

Part VI. Implantables. Three chapters are devoted to spinal cord stimulation, intrathecal drug delivery systems and peripheral nerve stimulation.

The images are useful and amplify the text. The quality of reproduction in the printed version is generally good, although a few images are difficult to interpret. Images in the eBook version are more uniform and can be enlarged on the computer screen or tablet. Chapters are well written and generally uniform in quality with numerous references. The eBook version allows access to PubMed citations from within the text and is a handy tool for looking up references in clinic and the procedure suite. The print and eBook versions must be purchased separately, from the publisher (Springer.com) and from online vendors (e.g. Amazon; iBook, etc.).

Essentials of Interventional Techniques in Managing Chronic Pain is an excellent text that provides a comprehensive, evidence-based review of the specialty of IPM, that will serve as a valuable reference for interventional pain physicians and pain fellows in clinic and in the procedure suite.

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