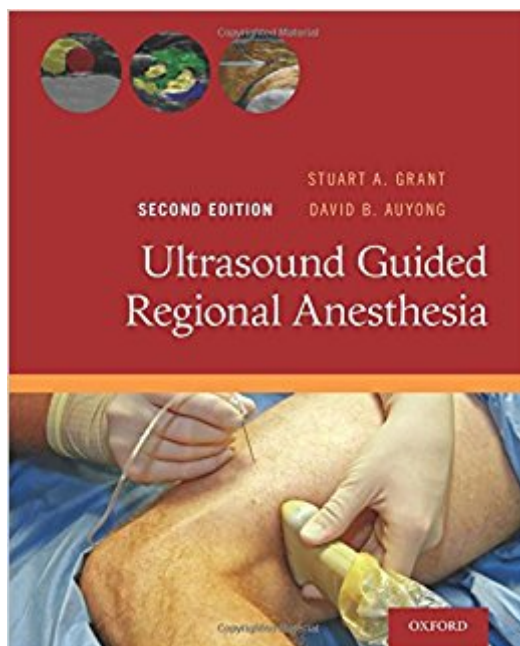


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# Ultrasound Guided Regional Anesthesia



## Synopsis

Ultrasound technology is enabling anesthesiologists to perform regional anesthetic procedures with greater confidence in accuracy and precision. With improvements in visualizing neural anatomy and needle movement, ultrasound guidance improves patient safety and operating room efficiency. This book offers a detailed, stepwise approach to this technique, identifying pearls and pitfalls to ensure success. Topics are organized into four chapters. The first chapter provides the basic principles behind ultrasound guided regional anesthesia, setting a strong context for the rest of the book. The last three cover the nerve blocks: upper extremity, lower extremity, and chest, trunk and spine. Each nerve block is comprehensively explained, divided up by introduction, anatomy, clinical applications, technique, alternate techniques, complications, and pearls. This new edition includes discussions of 6 new blocks: the suprascapular block, axillary nerve block for shoulder surgery, fascia iliaca block, lateral femoral cutaneous block, and the adductor canal block. This edition also contains over 40 new procedural and imaging figures, an appendix on what blocks to perform for specific surgeries, and new information on choice of local anesthetic agent, types of catheters and practical ultrasound physics to help improve scanning. Ultrasound Guided Regional Anesthesia provides authoritative, in-depth coverage of ultrasound guided regional anesthesia for the anesthesiologist beginning to use ultrasound and makes a great reference for the more seasoned physician.

## Book Information

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## Customer Reviews

The new appendix for this second edition serves as a quick reference guide for choosing the optimal nerve block technique. \* Canadian Journal of Anesthesia \* The illustrations are superb; the

ultrasound images for each procedure are shown in duplicate - an unaltered raw ultrasound image is juxtaposed with a clearly labelled coloured overlay - providing excellent clarity. \* Canadian Journal of Anesthesia \*

Stuart A. Grant is a Professor of Anesthesiology at Duke University Medical Center in Durham, North Carolina. David B. Auyong is a Staff Anesthesiologist at Virginia Mason Medical Center in Seattle, Washington.

Content wise, this book is excellent. It provides clear and concise instruction for performing all the common ultrasound guided blocks. It has almost the perfect balance between detailed, practical instruction with useful details and practical hints without being too lengthy or theoretical. The diagrams are excellent and supplement the text well. It's great to quickly review a block in the OR. My criticism concerns the Kindle version and its formatting. The format is "Print Replica" which means it's basically a direct copy of the book with the pages replicated exactly as if the pages were copied by a copy machine. If one wants to increase the size of the print, the whole page magnifies. On a smaller reader such as an iPad mini, this would result in the lines of text extending beyond the limits of the screen and actually having to scroll horizontally in order to read the lines. To me this is ridiculous. In this day and age, e-books should be formatted so that text lines will stay a constant width across the screen no matter the font size. Pictures and diagrams should be able to be clicked on and expanded. I have a regular size iPad and this isn't an issue but I can imagine on a smaller reader, especially if need to read a larger font, I could imagine this would be a real issue.

This is a great resource for anyone learning and/or teaching ultrasound guided regional anesthesia. The presentation of the basic principles of ultrasound physics and interpretation were clear and succinct. I found the step-by-step scanning instructions very helpful. The clinical pearls section for each respective block highlights practical, real-world tips and considerations. Fantastic sonoanatomy pictures with corresponding gross anatomy. From patient positioning to catheter placement, all aspects of each of the major upper and lower extremity blocks are discussed. It is great bedside how-to manual and a must for all residents and fellows.

As a fellowship-trained regional anesthesiologist I have had the opportunity to review many different reference books for peripheral nerve blocks. This is the best regional anesthesia guidebook I have found. Easy to read, outstanding step-by-step descriptions of block procedures, a nice review of

pertinent anatomy, and excellent ultrasound images. The material is comprehensive and up-to-date, covers the adductor canal in detail I've not seen previously. Wouldn't hesitate to recommend to my colleagues or those learning the basics. Great book, no need to look further.

Terrific for new and intermediate regional anesthesiology practitioners. The book is well written and the images are great. David Auyong's (second author) brilliance once again shows through. He is an excellent anatomist and teacher. I have purchased copies for all of my Pediatric Fellows since the book came out.

Excellent!! Great book for anyone practicing regional anesthesia, beginners and experienced. Valuable resource to any resident. Provides step by step instruction for each block. Outlines practical information such as physician/patient positioning and equipment. Well notated cadaver dissections with accompanying ultrasound images. Detailed instruction but not too lengthy. Size lends itself well to serve as a quick reference in a clinical block area. Extremely satisfied, worth the money.

Excellent text for the beginner in regional work or beginner to use of ultrasound to facilitate the blocks they have been doing

Fantastic book with the latest discoveries in regional anatomy and techniques.

Easy to understand.

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