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Sacral Neuromodulation -- 22. The Future of Neurostimulation -- 23. Spinal Cord Stimulation of the Dorsal Root Ganglion for the Treatment of Pain -- 24. High-Frequency Stimulation of the Spinal Cord -- 25. Burst Stimulation: An Innovative Waveform Strategy for Spinal Cord Stimulation -- Part II. Neurostimulation: Peripheral Nerve and Peripheral Nerve Field -- 26. Stimulation of the Extraplural Peripheral Nervous System -- 27. Peripheral Nerve Stimulation for the Treatment of Knee Pain -- 28. Neurostimulation of the Upper Extremity by Conventional Peripheral Nerve Stimulation -- 29. Ultrasound Guidance for the Placement of Peripheral Nerve Stimulation Devices -- 30. High-Frequency Electric Nerve Block to Treat Postamputation Pain -- 31. Peripheral Nerve Stimulation Miniaturization -- Part III. Neurostimulation: The Cranium and the Head -- 32. Neurostimulation: Stimulation of the Cranium and Head: Stimulation of the Deep Brain for the Treatment of Chronic Pain -- 33. Stimulation of the Motor Cortex to Treat Chronic Pain -- 34. Stimulation of the Peripheral Nervous System: Occipital Techniques for the Treatment of Occipital Neuritis and Transformed Migraine -- Part IV. Drug Delivery -- 35. History of Intrathecal Drug Delivery -- 36. Selection and Indications for Intrathecal Pump Placement -- 37. Placement of Intrathecal Needle and Catheter for Chronic Infusion -- 38. Securing and Anchoring Permanent Intrathecal Catheters -- 39. Tunneling Permanent Intrathecal Catheters -- 40. Pocketing for Intrathecal Drug Delivery Systems -- 41. Drug Selection for Intrathecal Drug Delivery -- 42. Intrathecal Pump Refills -- 43. Complications of Intrathecal Drug Delivery.

Sommario/riassunto

From reviews of the First Edition: "For the practitioner new to the field of implantable therapies, this book shows the scope of this particular branch of pain medicine. It is full of good advice on techniques and how to avoid complications." British Journal of Clinical Pharmacology "All practicing pain physicians, whether their background is in anesthesia or neurosurgery, will find [this atlas] very useful...beautifully written and well-illustrated with x-ray images and pictures...a must-read for every pain fellow and a very useful one for every pain physician." Doody's Review Service Now in its Second Edition, this atlas remains an essential guide to the treatment of pain using neuromodulation and is written for all implanters, from beginners to the most advanced practitioners. It has been significantly expanded with many brand new chapters and figures and thoroughly updated to address new techniques, targets, waveforms, and concepts that have emerged since publication of the last edition and now provides even more detailed coverage of patient safety, including infection control and reduction of bleeding risks. The new and returning physicians who have collaborated on the Second Edition are world-class in their research, clinical expertise, and ethics of practice. They have endeavored to make each segment of the atlas a great learning event through careful integration of extensive photographs, illustrations, and detailed instructions and to create a resource that helps to improve practice and enhance outcomes while complementing fellowship training, peer-to-peer experiences, and hands-on continuing medical education.
