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Titolo	Advanced Procedures for Pain Management [[electronic resource]] : A Step-by-Step Atlas // edited by Sudhir Diwan, Timothy R Deer
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Cervical/Lumbar -- 19. Spinal Cord Stimulation for Chronic Abdominal Pain -- 20. Spinal Cord Stimulation: Pelvic Pain -- 21. Truncal Stimulation Trial and Implant -- 22. Peripheral Nerve Stimulation for the Painful Extremity -- 23. Advanced Neuromodulation Techniques: Dorsal Root Ganglion Stimulation -- 24. High-Frequency Stimulation -- 25. Burst Stimulation: An Innovative Waveform Strategy for Spinal Cord Stimulation -- 26. Novel Waveforms -- 27. Transcutaneous Vagus Nerve Stimulation: Novel Treatment Strategies -- 28. Sacral Stimulation for Pelvic Pain -- 29. Intrathecal Drug Delivery: Pharmacokinetics and Dynamics -- 30. Patient Selection for Drug Delivery System Implantation -- 31. Intrathecal Drug Delivery: Medication Selection -- 32. Intrathecal Drug Delivery: Trialing -- 33. Intrathecal Drug Delivery: Implantation -- 34. Intrathecal Drug Delivery Maintenance: Refill and Programming -- 35. Intrathecal Drug Delivery Maintenance: Catheter Evaluation -- 36. Intrathecal Drug Delivery: Innovation -- Section III: Advanced Regenerative Medicine -- 37. History of Regenerative Medicine -- 38. Platelet-Rich Plasma -- 39. Alpha-2-Macroglobulin: Protease Inhibitor Treatment (PRP Variant) -- 40. Bone Marrow Derived Stem Cells and their Application in Pain Medicine -- 41. Adipose-Derived Stromal Stem Cells -- 42. Intradiscal Biologic Treatments: Allogeneic Stem Cells -- 43. Intradiscal Biologic Treatments: Intra-annular Fibrin Disc Sealant -- 44. Amniotic Tissue -- 45. Platelet-Rich Plasma (PRP): Procedural Techniques for Musculoskeletal Injuries -- 46. Technical Aspects of Regenerative Injection Therapy -- 47. Platelet-Rich Plasma Therapy: An Overview. .

Sommario/riassunto

Edited by Sudhir Diwan, a former Director of Pain Medicine fellowship program at Ivy League Weill Cornell Medical College, and Timothy R. Deer, an internationally renowned expert in neuromodulation and minimally invasive spinal procedures, this atlas covers advanced procedures that normal residency and fellowship programs may not cover. It consolidates information pain fellows usually amass by traveling throughout the country to various specialized weekend courses. *Advanced Procedures for Interventional Pain Management: A Step-by-Step Atlas* is for physicians that know the fundamentals of pain medicine and want to push their knowledge further. Through easy-to-digest bullet points, extensive diagrams, hundreds of figures, and expanded legends beneath each illustration, this compendium covers techniques such as uroscopic guidance and radiation safety, endoscopic transforaminal discectomy, endoscopic direct-percutaneous discectomy, transforaminal myelogram, percutaneous facet fusion, percutaneous sacroplasty, vertebral augmentations, percutaneous tumor ablation, percutaneous spinal fusion, minimally invasive spinal decompression (MILD), Interspinous Spacer Placement and advanced neuroaugmentation techniques like high frequency stimulation and DRG stimulation. This book also has a dedicated section on Regenerative Medicine with chapters on platelet rich plasma, stem cell therapy, and intradiscal regenerative therapy. Each chapter has a strict chapter format that includes the indications and contraindications for each procedure, a list of equipment and drugs, a step-by-step illustration-focused how-to, a list of possible post-procedural complications, and bullet-pointed clinical pearls and pitfalls. Within each chapter the authors will also cover the variations of each procedure due to different equipment. This book is ideal for pain medicine fellows, spine surgeons, and interventional pain physicians who want access to the best minds and specialized procedures in a single package.
