

Contents

- 1 Spine Anatomy 1
John M. Mathis, Ali Shaibani, and Ajay K. Wakhloo
- 2 Materials Used in Image-Guided Spine Interventions 29
John M. Mathis
- 3 Patient Evaluation and Criteria for Procedure Selection 39
Harold J. Cordner
- 4 The Surgeon's Perspective: Image-Guided Therapy and Its Relationship to Conventional Surgical Management 57
E. Todd Wetzel
- 5 Image-Guided Percutaneous Spine Biopsy 75
A. Orlando Ortiz, Gregg H. Zoarski, and Allan L. Brook
- 6 Discography 107
Aaron Calodney and Duane Griffith
- 7 Percutaneous Lumbar Discectomy 147
Stanley Golovac
- 8 Epidural Injections for the Treatment of Spine-Related Pain Syndromes 157
Matthew T. Ranson and Timothy R. Deer
- 9 Pulsed Radiofrequency Procedures in Clinical Practice 175
Richard M. Rosenthal
- 10 Facet Joint Injections and Sacroiliac Joint Injections 207
Louis J. Raso
- 11 Autonomic Nerve Blockade 229
Stanley Golovac and John M. Mathis

- 12 Percutaneous Vertebroplasty 249
John M. Mathis and Charles Cho
- 13 Implanted Drug Delivery Systems 279
Lisa Jo Stearns
- 14 Endovascular Treatment of Vascular and Nonvascular
Diseases of the Spine 299
Shahram Rahimi, Ali Shaibani, and Ajay K. Wakhloo
- 15 Kyphoplasty: Balloon Assisted Vertebroplasty 337
John M. Mathis, Charles H. Cho, and Wayne J. Olan
- 16 Sacroplasty 355
Charles H. Cho, John M. Mathis, and Keith E. Kortman
- 17 Spinal Cord Stimulation: Uses and Applications 375
Stanley Golovac
- Index 397



<http://www.springer.com/978-1-4419-0351-8>

Image-Guided Spine Interventions

Mathis, J.M.; Golovac, S. (Eds.)

2010, XII, 404 p., Hardcover

ISBN: 978-1-4419-0351-8