



## Spinal Injection Techniques

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### Description

Written by a multidisciplinary team of experts,

### ***SPINAL INJECTION TECHNIQUES***

presents all common methods for the injection of local anesthetics to address pain from the cervical spine to the sacrum. The authors describe techniques that are viable alternatives to spine surgery and that do not rely on diagnostic imaging. The first section of the book covers a general overview of the basic principles, diagnostics, and causal as well as symptomatic pain therapy for the spine. Designed in atlas format, the second section includes chapters on spinal anatomy and pain signaling, techniques for injection therapy of the cervical, thoracic and lumbar spine, management of potential complications and side effects, and multimodal spine therapy. Illustrated by real-life photographs from the author's practice, each technique-related chapter guides the reader step-by-step and with great precision through the injection procedures.

Highlights:

- ▶ Provides detailed coverage of injection therapy without the use of image guidance
- ▶ Features inpatient and outpatient minimally invasive spine therapy, and concomitant pharmaceutical treatments
- ▶ Includes essential information on contraindications and patient consent
- ▶ More than 400 color illustrations and photographs demonstrate the relevant anatomy, patient positioning, and accurate needle placement

Designed as a practical guide and useful compendium,

### ***SPINAL INJECTION TECHNIQUES***

is invaluable for orthopedists and practitioners in physical medicine and rehabilitation. It is also a handy reference for

anesthesiologists, neurologists, and rheumatologists with a specific interest in pain therapy for the spine.

