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Titolo	Ultrasound-Guided Peripheral Nerve Blocks // edited by Enzo Silvestri, Fabio Martino, Filomena Puntillo
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ISBN	3-319-71020-6
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Descrizione fisica	1 online resource (153 pages)
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Livello bibliografico	Monografia
Nota di contenuto	FUNDAMENTALS -- Basic principles -- Doppler and Sonoelastographic Imaging -- Normal anatomy NORMAL US ANATOMY AND SCANNING TECHNIQUE -- Basic principles and US scanning technique -- Brachial plexus -- Upper limb peripheral nerves -- Lower limb peripheral nerves -- US PATHOLOGIC FINDINGS -- Compressive syndrome -- Traumatic injuries -- Tumors and tumor-like conditions -- NERVE ENTRAPMENT SYNDROME -- Physiopathologic findings -- Clinical and sonographic considerations -- Entrapment syndromes: the upper limb -- Entrapment syndromes: the lower limb -- USGUIDED NERVE BLOCKS: PROCEDURE TECHNIQUE -- General considerations -- Indications and contraindications -- Setting and patient preparation -- Drugs and materials requirements -- US guidance and Navigation systems -- Interscalene block -- Supraclavicular block -- Infraclavicular block -- Axillary block -- Median nerve block -- Ulnar nerve block -- Radial nerve block -- Thoracic paravertebral block -- Transversus abdominis plane (TAP) block -- Rectus sheath block -- Lumbar plexus block -- Iliohypogastric and ilioinguinal nerve block. - Lateral femoral-cutaneous nerve block -- Femoral nerve block -- Saphenous nerve block -- Sciatic nerve block -- Popliteus nerve block -- Tibial nerve block. - Ankle block.
Sommario/riassunto	This book offers a comprehensive but straightforward, practical handbook on ultrasound (US)-guided nerve blocks. It presents the

normal US anatomy of peripheral nerves, clinical aspects of nerve entrapment and different procedures / techniques for each block. Axial or peripheral chronic radicular pain can be particularly severe and debilitating for the patient. The aim of treatment is to provide medium- / long-term pain relief, and consequently to restore function. The therapeutic nerve block, performed with a perineural injection of anaesthetic, steroid or painkiller, is generally used once conservative treatments have proven unsuccessful and is aimed to avoid surgical options. Ultrasound guidance, offering the direct and real-time visualization of the needle and adjacent relevant anatomic structures, significantly increases the accuracy and safety of nerve blocks reducing the risk of intraneural or intravascular injection and the potential damage to the surrounding structures, but also enhances the efficacy of the block itself, reducing its onset and drug doses. This practical volume addresses the needs of physicians dealing with pain management, e.g. anaesthesiologists, radiologists, orthopaedists and physiatrists, with various levels of experience, ranging from physicians in training to those who already perform peripheral nerve blocks with traditional techniques and who want to familiarize with US guided procedures.
