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Nota di contenuto	Introduction -- Principles of Macroscopic and Microscopic Anatomy of Peripheral Nerves -- Pathophysiology -- Etiology of Nerve Lesion -- Types of Tissue Reaction Following Nerve Lesion -- Clinical Presentation of Nerve Lesion -- Different Types of Pain Following Nerve Lesion -- Principles of Neurophysiologic Diagnosis -- Electroneurography -- Electromyography -- Imaging of Peripheral Nerves -- Sonography -- Magnetic Resonance Imaging -- Principles of Nerve Surgery -- Neurolysis Steps -- Grafting Following Nerve Trauma -- Nerve Entrapment at Shoulder and Arm -- Spinal Accessory Nerve -- Brachial Plexus, Thoracic Outlet Syndrome -- Suprascapular Nerve -- Axillary (Circumflex) Nerve -- Radial Nerve at Upper Arm -- Radial Nerve at Lower Arm -- Posterior Interosseous Nerve Entrapment --

Superficial Radial Nerve Entrapment -- Median Nerve at Elbow -- Median Nerve at Lower Arm -- Anterior Interosseous Nerve Entrapment -- Carpal Tunnel Syndrome -- Ulnar Nerve at Elbow -- Ulnar Nerve at Lower Arm -- Guyon's Loge Syndrome -- Deep Ulnar Branch Entrapment -- Nerve Entrapment at Trunk and Leg -- Genitofemoral, Ilioinguinal, Iliohypogastric Nerve -- Femoral Cutaneous Nerve -- Obturator Nerve -- Saphenous Nerve -- Infrapatellar Branch of Saphenous Nerve -- Pudendal Nerve -- Sciatic Nerve, Piriformis Syndrome -- Fibular Nerve at Knee Joint -- Fibular Nerve at Ankle, Anterior Tarsal Tunnel Syndrome -- Tibial Nerve -- Tibial Nerve at Ankle, Posterior Tarsal Tunnel Syndrome -- Tibial Nerve at Sole, Morton's Metatarsalgia -- Non Mechanical Focal Neuropathies -- Parsonage Turner Syndrome -- Multifocal Motorical Neuropathy -- Hereditary Multifocal Neuropathy -- Lewis-Sumner-Syndrome (CIDP) -- Immune Vasculitis with Focal Neuropathy. .

Sommario/riassunto

Every neurosurgeon as well as many surgeons in other disciplines, including plastic and orthopedic surgeons, may unexpectedly be confronted with an entrapment syndrome or a nerve trauma. With a view to preventing costly transfers to expert clinics, this manual for practitioners offers optimized step-by-step figures illustrating how best to approach every relevant nerve lesion. Clear advice is also provided on differential diagnosis from inflammatory neuropathies, which will assist in avoiding false indications for surgery. This is a true manual for practitioners that offers excellent guidance for all surgeons while in the operating theater.
