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Titolo	The Disc and Degenerative Disc Disease : Remove or Regenerate? // edited by Luigi Manfrè, Johan Van Goethem
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Descrizione fisica	1 online resource (XVIII, 326 p. 179 illus., 90 illus. in color.)
Collana	New Procedures in Spinal Interventional Neuroradiology, , 2570-2211
Disciplina	616.0757076
Soggetti	Radiology Neurology Nervous system - Surgery Orthopedics Pain medicine Anesthesiology Neurosurgery Orthopaedics Pain Medicine
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Anatomy, biomechanics and clinical evaluation of the Disc -- Pathophysiology of the disc disease -- Disc degeneration: anatomopathological overview -- Conventional Neuroradiology of disc disease -- DTI of the disc -- DWI of the disc -- Dynamic MRI studies -- ESI. Are they still usefull? -- Evidentiary basis of percutaneous discectomy -- Minimal invasive treatment for herniated disk: how we can destroy the disc with chemical tools -- Minimal invasive treatment for herniated disk: how we can destroy the disc with physical tools -- Endoscopic percutaneous discectomy -- New insights into cell/biomaterial based disc therapy: how we can regenerate the disc -- New biomaterials for discal replacement -- Surgical replacement of the disc.
Sommario/riassunto	This easy-to-consult guide examines the most advanced techniques in the radiological evaluation of the disc and degenerative disc disease, using conventional, functional, dynamic and advanced imaging. It

provides clear information on a range of CT, X-ray, and MRI guided techniques, presents all disc treatments in connection with symptomatic disc herniations, evaluates conservative, chemical (ESI, steroid, Ozone, ethanol gel injections) and physical treatments (coblation, laser, decompressors, endoscopy), and assesses the possibility of repairing and/or regenerating the disc in the context of reversible disc degeneration. Like other books in the Springer series *New Procedures in Spinal Interventional Neuroradiology*, this practice-oriented volume will fill a significant gap in the literature and meet the need expressed by many specialists (interventional neuroradiologists and radiologists, neurosurgeons, and orthopedists) for a topical and handy guide that specifically illustrates the currently available materials and methods.
