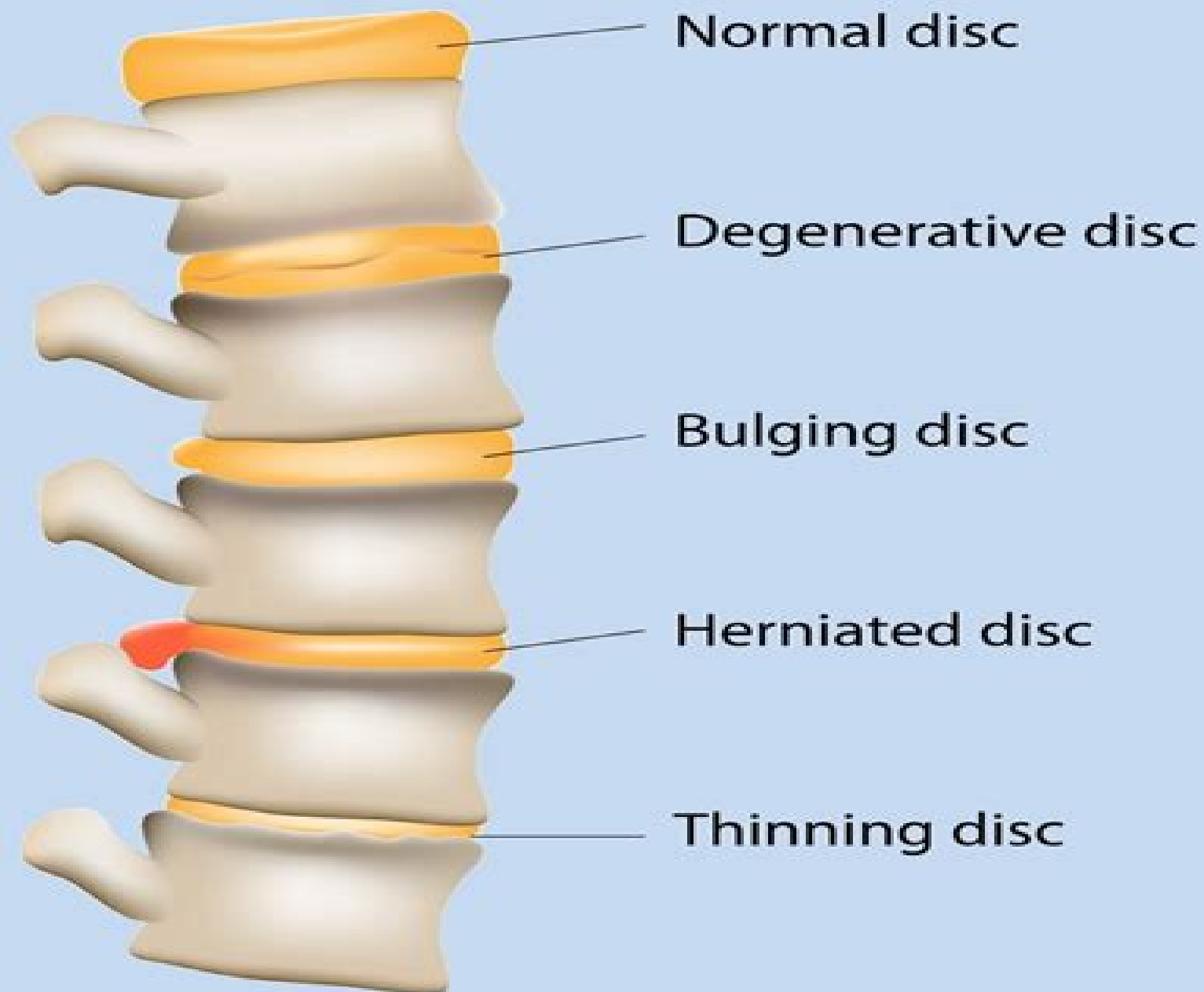




Lumbar Disc Disease

Pandya Mahesh

A red circular graphic with a gradient, appearing as a semi-circle or a partial circle, located to the right of the author's name.

Lumbar Disc Disease:

The Lumbar Intervertebral Disc Frank M. Phillips, Carl Lauryssen, 2010 Written by leading authorities in the field of spine care this book is a comprehensive reference for the latest techniques for managing intervertebral disc disorders affecting the lumbar spine It opens by reviewing basic science and then covers management of disc herniation and degenerative disc disease

Lumbar Disk Herniation Robert Gunzburg, Marek Szpalski, 2002 Written by an international group of recognized experts this volume is the most comprehensive and up to date reference on lumbar disc herniation The contributors thoroughly examine the causes natural history and diagnostic workup of disc herniation the full range of current nonsurgical and surgical treatment options and the economic and ethical aspects of patient management Chapters offer practical advice on when to treat nonsurgically and when to operate and provide complete information on all current surgical procedures including discectomy microdiscectomy automated percutaneous discectomy laser discectomy arthroscopic discectomy and lumbar posterior endoscopic microdiscectomy Also included are recommendations for managing failed back surgery

The Lumbar Spine Harry N. Herkowitz, International Society for Study of the Lumbar Spine, 2004 The official publication of the International Society for the Study of the Lumbar Spine this volume is the most authoritative and up to date reference on the lumbar spine This edition provides more balance between basic science and clinical material and has been completely reorganized for easy reference New chapters cover gene therapy outcomes assessment and alternatives to traditional nonoperative treatment The editors have also added chapters on preparation for surgery surgical approaches spinal instrumentation and bone grafts Chapters on specific disorders have a consistent structure definition natural history physical examination imaging nonoperative treatment operative treatment postoperative management results of surgery and complications

Lumbar Disc Disease Russell W. Hardy, 1982

The Disc and Degenerative Disc Disease Luigi Manfrè, Johan Van Goethem, 2021-01-05 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

The Intervertebral Disc Irving M. Shapiro, Makarand V. Risbud, 2013-09-02 The intervertebral disc is a complex structure that separates opposing vertebrae permits a wide range of motion and accommodates high biomechanical forces Disc degeneration leads to a loss of function

and is often associated with excruciating pain Written by leading scientists and clinicians the first part of the book provides a review of the basic biology of the disc in health and disease The second part considers strategies to mitigate the effects of disc degeneration and discusses the possibility of engineering replacement tissues The final section is devoted to approaches to model normal development and elucidate the pathogenesis of degenerative disc disease using animal organ and cell culture techniques The book bridges the gap between the basic and clinical sciences the target audience includes basic scientists orthopaedists and neurologists while at the same time appealing to the needs of graduate students medical students interns and fellows Advanced Concepts in Lumbar Degenerative Disk Disease João Luiz

Pinheiro-Franco,Alexander R. Vaccaro,Edward C. Benzel,H. Michael Mayer,2015-10-09 In this book leading international specialists in the field join forces to discuss topics issues and approaches that are of key importance in the optimal treatment of lumbar degenerative disk disease The coverage is wide ranging from current understanding of physiopathology and genetics and modern imaging techniques through to the diverse minimally invasive non fusion and fusion surgical techniques Detailed attention is drawn to the most important aspects to be considered when approaching the patient and making treatment decisions The role of conservative management is appraised and surgical techniques and their indications are carefully described In the concluding section some of the top specialists from across the world reflect on the lessons that they have learned during lifetimes in spinal surgery Advanced Concepts in Lumbar Degenerative Disk Disease will be an instructive and fascinating source of information for all spine surgeons and other spine care providers Lumbar Disc Herniation Franco Postacchini,2012-12-06 This most complete monograph so far published on the subject analyses all aspects related to the etiopathogenesis pathomorphology diagnosis and treatment of lumbar disc herniation Five chapters are dedicated to biological and pathomorphologic aspects while five deal with the clinical presentation and diagnostic tests in both extreme depth and breadth Much space is devoted to conservative percutaneous and surgical treatments as well as the causes and management of failed back syndrome *Basic Science of Spinal Diseases* Alok D Sharan,Simon Y

Tang,Alexander R Vaccaro,2013-06-30 This book is a comprehensive guide to the basic science of spinal diseases for trainees and clinicians Divided into four sections the authors begin with detailed discussion on the anatomy physiology and pathophysiology of the intervertebral disc The following sections examine the science of spinal instrumentation and spinal interventions Clinical chapters are structured in a uniform format beginning with the presentation of a clinical case followed by detailed discussion and supporting evidence Each case ends with challenging questions to direct further investigation This book is a highly useful compilation of research work from recognised surgeons from the USA and The Netherlands specialising in the fields of physiology biology biomechanics and mechanobiology Key points Comprehensive guide to the basic science of spinal diseases Based on research work of specialists in physiology biology biomechanics and mechanobiology US and Dutch author and editor team Includes nearly 240 full colour images and illustrations

Degenerative Lumbar Spine Disorder and Its Conservative Treatment Pandya Mahesh, Zdenek Hrubec, 1971 **Lumbar Disc Disease** *Principles of Microsurgery for Lumbar Disc Disease* John A. McCulloch, 1989 Lumbar Spine Disorders: Current Concepts Richard W Porter, Richard M Aspden, 1995-02-28 This book draws together recent results and ideas from most of the leading UK researchers into back pain The emphasis is on disorders of the lumbar spine their pathogenesis diagnosis and treatment This is in contrast to most books on the spine which either concentrate on the normal spine or deal with a specialised approach such as surgery By drawing together contributions from a wide range of clinical and scientific backgrounds including alternative therapies such as osteopathy and chiropractice the problem of low back pain is shown to be complex and multifactorial *Diseases of the Spinal Cord* Edmund Critchley, Andrew Eisen, 2012-12-06 The spinal cord is a long structure consisting of white and grey matter that not only serves to provide a neural connection between the brain and the body but also contains neural circuits that are organized segmentally and that are responsive to central and peripheral sensory input Thus the spinal cord is capable of some behavioural activity that is of clinical significance and that is more evident when higher modulation is disturbed The released activity of spasticity and the disturbances of bladder and bowel control that occur in patients with spinal cord lesions are examples The spinal cord is well protected within its bony canal but is nonetheless susceptible to compression by degenerative joint or bone disease or by neoplasm Spinal cord compression is a common clinical problem that is not always easy to recognize However it is particularly important because of the good results of appropriate treatment and the unfortunate consequences should the diagnosis be missed Many other medical and surgical disorders affect the spinal cord including vascular disease decompression sickness degenerative disorders and multiple sclerosis In this book Dr Critchley and Dr Eisen and their collaborators chosen for their expertise and experience in spinal cord disorders have gathered together descriptions of the symptoms and signs of spinal cord disease Diseases of the Spine and Spinal Cord Thomas N. Byrne, Stephen G. Waxman, Edward C. Benzel, 2000-01-13 Diseases of the Spine and Spinal Cord reviews the full spectrum of disorders affecting this region including primary spinal tumors and metastases infection degenerative diseases and trauma Presenting an interdisciplinary perspective the book includes up to date information on therapy including neurosurgical new information on developmental disorders of the spine and a definitive chapter on trauma including information on biomechanics A separate chapter on pain syndromes also is included **Textbook of Surgical Management of Lumbar Disc Herniation** PS Ramani, 2013-12-30 Low back pain and sciatica may often be attributed to herniation of the lumbar intervertebral disc This book is a comprehensive guide to surgical procedures for the management of lumbar disc herniation Divided into seven sections the first few chapters discuss historical aspects and basics and radiological investigations The following section provides in depth coverage surgical techniques for different lumbar spine disorders Each procedure is described step by step with intraoperative photographs and diagrams helping to explain the methodology The final sections examine complications

and follow up This invaluable manual is authored by internationally acclaimed spinal surgeons and is commissioned by the World Federation of Neurological Societies WFNS Key points Comprehensive guide to surgical procedures for management of lumbar disc herniation Covers procedures for numerous associated disorders Authored by internationally acclaimed spinal surgeons Commissioned by WFNS Lumbar Disc Disease Russell W. Hardy,1993 The revised and updated Second Edition of this volume is for clinicians requiring a practical reference on the latest advances in lumbar disc disease management The greatly expanded Second Edition aims to be the most current complete and authoritative clinical reference on the diagnosis and the operative and nonoperative management of lumbar disc disease and related conditions including the failed back syndrome osteomyelitis of the spine and lumbar stenosis The Second Edition s coverage of surgical treatment features new chapters on spinal instrumentation and fusion and on newer disc excision techniques such as percutaneous discectomy full consideration of the complications of lumbar spine surgery and the medicolegal issues arising from such complications an updated chapter on spinal imaging providing essential information on MRI and other current technologies and a new chapter on spinal manipulation and expanded coverage of nonoperative management of chronic low back pain *Arthritis and Arthroplasty* Francis H. Shen,Christopher I. Shaffrey,2010 The Spine a volume in the new Arthritis and Arthroplasty series offers expert guidance on everything from patient selection and pre operative planning to surgical approaches and techniques Francis H Shen and Christopher I Shaffrey present clear evidence based coverage detailing which technology and methodology is best for each patient Access discussions of debates on anterior versus posterior approaches for the surgical management of cervical myelopathy indications for thoracoscopic surgery options for minimally invasive surgery MIS in degenerative spinal conditions and more Explore the role for evolving technologies and non fusion techniques for the management of various spinal pathologies and view expertly narrated video demonstrations of surgical techniques In addition to providing practical pragmatic advice in a concise readable format this Expert Consult title offers the full text of the book as well as links to PubMed and periodic content updates online at www.expertconsult.com Access the full text of the book as well as links to PubMed and periodic content updates online at www.expertconsult.com Provides evidence based clinically focused guidance on patient selection pre operative planning surgical approach and techniques instrumentation disease specific options the management and avoidance of complications and more Discusses variations in technique including thoracoscopy microdiscectomy interbody fusion osteotomies laminectomy MIS decompression techniques and more Explores alternatives to fusion in younger arthritic patients including disc arthroplasty facet joint replacement nucleus replacement Includes a review page in every chapter for quick reference to pearls and pitfalls for each topic Presents photographs and interpretive drawings of surgical techniques in full color to bring out intraoperative details as they appear in the operating room Features procedural videos narrated by experts on the included DVD so you can see how to perform particular techniques **Spinal Imaging** Johan W.M. van Goethem,Luc van den Hauwe,Paul M. Parizel,2007-12-27 In the

Name of Love and Family This book could not have been completed without the continuing support of my wife Isabelle who as a radiologist herself not only understood my end vours to complete this work but who was also my most loyal supporter As the mother of our three daughters Alexia Olivia and F licia she is also the corn stone of our wonderful family and I wish to dedicate this book to these four women in my life Edegem Johan W M Van Goethem This book is dedicated rst and foremost to the ones I love Marleen my wife and our children Vincent Isabel Liesa and Marie Our children they are the future My thanks go to Paul and Johan not only for teaching me neuroradiology but primarily for their friendship We have been working together for many years now in the spirit of the three musketeers Les Trois Mousquetaires a novel by Alexandre Dumas inseparable men who chant the motto One for all and all for one Diseases of the Brain, Head & Neck, Spine 2012-2015 Jürg Hodler, Gustav K. von Schulthess, Christoph L. Zollikofer, 2012-09-02 Written by internationally renowned experts this volume is a collection of chapters dealing with imaging diagnosis and interventional therapies in neuroradiology and diseases of the spine The different topics are disease oriented and encompass all the relevant imaging modalities including X ray technology nuclear medicine ultrasound and magnetic resonance as well as image guided interventional techniques It represents a unique experience for residents in radiology as well as for experienced radiologists wishing to be updated on the current state of the art

Unveiling the Magic of Words: A Report on "**Lumbar Disc Disease**"

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