

MRI Lumbar Spine

Sample Report

PATIENT: DOE, REGINA
DATE OF BIRTH: 1/4/1967
REFERRING PHYSICIAN: BANNER, ROSS, MD
EXAM DATE: 1/1/2013

PATIENT ID: 146713

EXAMINATION: MRI Lumbar Spine

INDICATION: Chronic low back pain, right lower extremity pain, radiculopathy.

TECHNIQUE: Magnetic resonance imaging of the lumbosacral spine is submitted with standard protocol, sagittal and axial T1, T2 and/or gradient echo sequences, without IV contrast. Exam performed on 1.5 Tesla MRI system.

COMPARISON: None

FINDINGS: There is normal lumbosacral vertebral body height and alignment on this supine, non-weight bearing exam. Vertebral body marrow signal is normal. The conus medullaris is normal and terminates at L1.

T12-L1: Sagittal series-mild secondary discogenic facet change without stenosis.

L1-L3: Sagittal series-normal disc spaces with patent canal and foramina.

L3-L4: Series 6 image 10-normal disc space show mild/moderate facet arthrosis with patent canal and foramina.

L4-L5: Image 21-mild to moderate decreased disc signal and disc height with mild endplate spondylitic change, bulge and a left paracentral disc herniation extruded superiorly, 7 mm AP by 16 mm mL by 14 mm CC, with the left L5 nerve root sleeve impingement in the lateral recess, with severe right more than left facet arthrosis. Narrowing of the thecal sac, 8 mm, with mild left lateral recess stenosis, patent right lateral recess and mild to moderate left and mild right foraminal stenosis.

L5-S1: Image 32-mild decreased disc signal with mild/moderate decreased disc height and endplate spondylitic change, bulge and left paracentral disc herniation, 3 mm AP by 8mm mL, with left S1 nerve root sleeve impingement in the lateral recess, with moderate facet arthrosis. Patent canal and right lateral recess and right foramen with minor left foraminal stenosis. No paraspinal masses or collections.

IMPRESSION:

1. L4-L5 left paracentral disc herniation extruded superiorly with left L5 nerve root sleeve impingement, with canal, lateral recess and foraminal stenosis.
2. L5-S1 left paracentral disc herniation with left S1 nerve root sleeve impingement with left lateral recess and foraminal stenosis.

Electronically Signed/Dated By . . .

Sample Mri Spine Report Herniated Disc

Christian G. Meyer

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.

Sample Mri Spine Report Herniated Disc:

Imaging Painful Spine Disorders E-Book Leo F. Czervionke, Douglas S. Fenton, 2011-04-28 Leo F Czervionke MD and Douglas S Fenton MD present *Imaging Painful Spine Disorders* the diagnostic companion to *Image Guided Spine Intervention* with 1 400 high quality radiographic images to help you diagnose common and rare spine pain conditions The full color easy to navigate format takes you from Spinal Anatomy which includes normal CT and MR images of the cervical thoracic and lumbar spine to Clinical Disorders where each chapter is introduced by an actual patient case No other reference features as many case studies illustrating the imaging presentation of back pain provides a detailed differential diagnosis and points out clinical pitfalls and common diagnosis errors quite like this one Access representative cross sectional images of the cervical thoracic and lumbar spine as well as the sacrum in axial sagittal and coronal planes to understand the imaging appearance of healthy anatomy prior to diagnosis Get a complete explanation of each clinical disorder including a detailed description of the condition as well as relevant clinical and pathological information to help make a more accurate diagnosis Broaden your recognition of imaging features with case studies that often include additional images of other patients with the same condition to emphasize the range of features possible for the area being discussed Keep your memory fresh with the current nomenclature of various types of disc herniations listed in a separate illustrated chapter and get a brief overview of the major treatment options currently available for each particular disorder

Clinical Imaging - E-Book Dennis Marchiori, 2004-12-13 This unique chiropractic text takes a pattern approach to differential diagnosis that is rooted in the use of plain film MRI and CT in the imaging of the skeletal system chest abdomen brain and spinal cord This pattern approach helps bridge the transition from image to differential diagnosis by helping readers recognize patterns of abnormality and develop a list of viable diagnostic possibilities Coverage also includes an alphabetical listing of disease entities featuring detailed descriptions in a consistent format that lists background imaging findings clinical comments key concepts and more Broad coverage of a wide range of imaging topics beyond basic skeletal radiology such as the chest abdomen brain and spinal cord This comprehensive text is contained in a convenient single volume Emphasizes plain film radiology and integrates it with MRI and CT Combines the utility of a pattern approach to understanding imaging diagnosis with traditional detailed descriptions of disease entities Features extensive cross referencing from pattern to disease descriptions for quick reference Contains over 3500 high quality photos and illustrations Includes an extensive radiology chapter on physics with algorithms for improving film quality Offers in depth coverage of positioning and roentgenometrics Detailed information on traumatic injuries is listed in an easy to use table format Features a thorough discussion of disk degeneration and herniations Written by both chiropractors and medical doctors providing a broader multidisciplinary perspective Includes a complete glossary of nearly 500 radiological terms Front inside cover contains a pathology quick reference with corresponding figure numbers Contains a helpful listing of radiology mnemonics Improved image quality and larger images More in depth coverage of

congenital and normal variant topics Expanded sections on normal anatomy and film interpretation Includes more MRI patterns All chapters have been completely revised and updated *Musculoskeletal MRI E-Book* Clyde A. Helms, Nancy M. Major, Mark W. Anderson, Phoebe Kaplan, Robert Dussault, 2008-12-09 Whether you are a resident practicing radiologist or new fellow this authoritative resource offers expert guidance on all the essential information you need to approach musculoskeletal MRI and recognize abnormalities The updated second edition features new illustrations to include the latest protocols as well as images obtained with 3 Tesla T MRI See normal anatomy common abnormalities and diseases presented in a logical organization loaded with practical advice tips and pearls for easy comprehension Follows a template that includes discussion of basic technical information as well as the normal and abnormal appearance of each small unit that composes each joint so you can easily find and understand the information you need Depicts both normal and abnormal anatomy as well as disease progression through more than 600 detailed images Includes only the essential information so you get all you need to perform quality musculoskeletal MRI without having to wade through too many details Presents the nuances that can be detected with 3 Tesla MRI so you can master this new technology Includes how to technical information on updated protocols for TMJ shoulder elbow wrist hand spine hips and pelvis knee and foot and ankle Features information boxes throughout the text that highlight key information for quick review of pertinent material *Spinal Reconstruction* Kai-Uwe Lewandrowski, Michael J. Yaszemski, Iain Kalfas, Paul Park, Robert F. McLain, Debra J. Trantolo, 2007-02-12 With an ever expanding array of biomaterials and implant devices appearing in the field Spinal Reconstruction Clinical Examples of Applied Basic Science Biomechanics and Engineering helps surgeons assess and utilize the latest technologies to improve the reconstruction of the spine and enhance the reconstitution of diseased spinal segments With *Pathology and Intervention in Musculoskeletal Rehabilitation - E-Book* David J. Magee, James E. Zachazewski, William S. Quillen, 2008-12-19 Detailed and evidence based this text focuses on musculoskeletal pathology and injury with descriptions of current and practical rehabilitation methods PATHOLOGY AND INTERVENTION IN MUSCULOSKELETAL REHABILITATION provides everything you need to create and implement rehabilitation programs for your patients with musculoskeletal disorders due to injury illness or surgery Each intervention includes a rationale pathology and related problems stages of healing evidence in literature and clinical reasoning considerations This is the third volume of the new four volume musculoskeletal rehabilitation series anchored by Magee s Orthopedic Physical Assessment 5th Edition A companion CD with references and links to MEDLINE abstracts provides easy access to the articles referenced in the text Evidence based content with over 4 000 references supports the scientific principles for rehabilitation interventions providing the best evidence for the management of musculoskeletal pathology and injury Over 150 tables and 250 boxes help organize and summarize important information highlighting key points Over 700 drawings clinical photos radiographs and CT and MRI scans demonstrate and clarify important concepts Trusted experts in musculoskeletal rehabilitation David Magee James Zachazewski Sandy Quillen

plus more than 70 contributors provide authoritative guidance on the management of musculoskeletal pathology and injury

Medicolegal Reporting in Orthopaedic Trauma Michael A. Foy, Phillip S. Fagg, 2011-12-05 This book now a classic was developed to facilitate the preparation of medicolegal reports following musculoskeletal injuries It collates data from the world literature in one source together with review articles on related topics such as Repetitive Strain Injury As a result it saves readers from the time consuming task of researching multiple references A comprehensive guide to the preparation of medicolegal reports in the field of personal injury litigation following musculoskeletal trauma It provides prognostic information following musculoskeletal injuries and assists the clinician acting as an expert medical witness prepare the report Each of the chapters is devoted to different areas of injury and takes the reader through the full range of treatments results and complications and how these impact on prognosis Collates data on treatment results complications from the relevant medical literature and review articles and saves the orthopaedic surgeon acting as an expert witness a lot of hours of unnecessary research

Imaging of the Spine E-Book Thomas P. Naidich, Mauricio Castillo, Soonmee Cha, Charles Raybaud, James G. Smirniotopoulos, Spyros Kollias, 2010-08-17 Imaging of the Spine an exhaustive full color reference combines the ease of use of an atlas with the comprehensive coverage of a definitive reference work Renowned experts Drs Thomas P Naidich Mauricio Castillo Charles Raybaud James G Smirniotopoulos Soonmee Cha and Spyros Kollias cover every aspect of spine imaging including the latest diagnostic modalities interventional techniques and image guided procedures through over 1300 digital quality illustrations View 1300 digital quality images of both radiographic images and cutting edge modalities MR multislice CT ultrasonography and nuclear medicine Consult the expertise of a diverse group of experts from around the globe on the imaging of the spine Tap into comprehensive coverage that includes diagnostic and therapeutic options with an emphasis on cost effective imaging Find information quickly and easily thanks to consistent and tightly focused chapters a full color design and key points boxes

The Radiology Guide Vincenzo Giuliano, 2012-10-31 The Radiology Guide is one the most concise and comprehensive guides to the field of radiology and diagnostic imaging This illustrated guide features helpful mnemonics bulleted teaching points and aids to learning the important points of diagnostic imaging The introduction discusses the tools used in diagnostic imaging use of contrast media treatment of contrast reactions indications for diagnostic imaging and radiation exposures for radiation producing modalities Chapters are organized by organ system including bonus coverage of 3D breast ultrasound and breast MRI in breast cancer screening and a dedicated chapter of MRI physics for board preparation The Radiology Guide travels well on tablet PC and iPad for on demand access Impress your instructors and colleagues with The Radiology Guide

Pathology and Intervention in Musculoskeletal Rehabilitation David J. Magee, James E. Zachazewski, William S. Quillen, Robert C. Manske, 2015-11-20 Design and implement a rehab program on your own with Pathology and Intervention in Musculoskeletal Rehabilitation 2nd Edition Part of Magee s popular Musculoskeletal Rehabilitation Series this pathology text for physical therapists provides clear

guidance on patient management relative to specific musculoskeletal pathology injury and illness all based on a sound understanding of basic science and principles of practice It focuses on the specific pathologies most often seen in the clinic and discusses the best methods for intervention for the different areas of the body in the context of the tissue healing model Each intervention features a rationale along with the pathology and problem presented stage of healing evidence in the literature and clinical reasoning considerations Dedicated and focused information on the specific pathologies most often seen in the clinic as well as the best methods for intervention for the different areas of the body minimizes duplication of information by referring you to other titles in the Musculoskeletal Rehabilitation Series for basic scientific information regarding inflammation healing tissue deformation and the development of muscular strength and endurance Trusted experts in musculoskeletal rehabilitation along with internationally recognized contributors present the best evidence behind contemporary interventions directed toward the treatment of the impairments and functional limitations associated with acute chronic and congenital musculoskeletal conditions occurring across the lifespan Evidence based content with over 4 000 references supports the scientific principles for rehabilitation interventions providing the best evidence for the management of musculoskeletal pathology and injury NEW The Skin and Wound Healing chapter looks at the numerous tools available to assist in objectively monitoring and treating a patient with an acute or chronic wound NEW Rotator Cuff Pathology chapter highlights the anatomy function and etiology of the rotator cuff and addresses rotator cuff injuries physical examination and non operative and operative treatment UPDATED Substantially revised chapter on the Thoracic Ring ApproachT facilitates clinical reasoning for the treatment of the thoracic spine and ribs through the assessment and treatment of thoracic spine disorders and how they relate to the whole kinetic chain UPDATED Revised Lumbar Spine Treatment of Motor Control Disorders chapter explores some of the research evidence and clinical reasoning pertaining to instability of the lumbar spine so you can better organize your knowledge for immediate use in the clinical setting UPDATED Significantly revised chapter on the treatment of pelvic pain and dysfunction presents an overview of specific pathologies pertaining to the various systems of the pelvis and highlights how The Integrated Systems Model for Disability and Pain facilitates evidence based management of the often complex patient with pelvic pain and dysfunction NEW Musculoskeletal Bone and Soft Tissue Tumors chapter covers common bone tumors anatomic considerations and rehabilitation pediatric patients and amputation related to cancer UPDATED Thoroughly revised chapters with additional references ensure you get the most recent evidence and information available NEW Full color design and illustration program reflects what you see in the physical world to help you recognize and understand concepts more quickly Practical Radiology Edward C. Weber, Joel A. Vilensky, Alysa M. Fog, 2013-01-08 Rely on this practical guide to the role of medical imaging in the diagnosis and treatment of common diseases and disorders Follow its symptoms based approach to learn when medical imaging is appropriate what the ideal study may be for a specific clinical problem how to interpret an official report on a radiologic

study what the possible appropriate next steps are and how radiologic results may or may not alter clinical management of your patient Case studies in each chapter present typical patients with accompanying radiologic reports Actual images of superb clarity show you the potential of contemporary techniques Master the basics of medical imaging in patient care the physical principles underlying imaging modalities including conventional radiology CT MRI ultrasound and nuclear medicine scans as well as common pitfalls

Advances in Intervertebral Disc Disease in Dogs and Cats James Fingerroth, William Thomas, 2014-12-11 Advances in Intervertebral Disc Disease in Dogs and Cats defines our present knowledge of this common clinical problem compiling information related to the canine and feline intervertebral disc into a single resource As a comprehensive focused work the book is an authoritative reference for understanding and treating disc disease providing a sound scientific and clinical basis for decision making Offering an objective synthesis of the current literature the book supplies guidance on the approach to a potential disc rupture surgical and medical strategies and management of the patient Offering a complete understanding of intervertebral disc disease the book describes and discusses the controversies and issues surrounding this topic acknowledging the gaps in our knowledge Advances in Intervertebral Disc Disease in Dogs and Cats presents up to date reliable information on this common condition for veterinary surgeons neurologists and general practitioners

Insights in orthopedic surgery: 2021 Jaimo Ahn, 2023-09-07

The Lumbar Intervertebral Disc Frank M. Phillips, Carl Lauryssen, 2011-01-01 A must have reference for optimizing the care of patients with lumbar intervertebral disc disorders 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 Divided into four main sections the book opens with a review of fundamental basic science concepts including epidemiology anatomy pathophysiology biology biomechanics and mechanisms of pain The second section focuses on the management of disc herniation with chapters guiding clinicians from the pathophysiology of the herniated disc to clinical presentation to various treatment strategies The final sections of the book present in depth coverage of degenerative disc disease and provide essential information for imaging and testing diagnosis patient screening treatment and rehabilitation Highlights Detailed coverage of the latest innovations in the field including nonsurgical treatments minimally invasive procedures biologic techniques and motion preserving procedures enables clinicians to select the appropriate treatment for each clinical situation More than 200 high quality illustrations and images demonstrate key concepts Valuable discussion of safety considerations and how to avoid and manage potential complications Ideal for practitioners and trainees with a focus on spinal disorders this book will be an invaluable resource for orthopaedists neurosurgeons pain specialists physiatrists neuroradiologists and researchers in these specialties

The Electronic Health Record for the Physician's Office Julie Pepper, 2017-02-12 Get hands on practice with entering data into the Electronic Health Record The Electronic Health Record for the Physician's Office 2nd Edition uses online simulations to walk you through each EHR task Clear step by step guidelines simplify the exercises in each simulation

so you learn all the EHR skills required of a medical office professional This edition adds in depth review and preparation for the Certified Electronic Health Records Specialist CEHRS examination Written by Medical Assisting educator Julie Pepper this how to manual helps you master the administrative clinical and billing coding skills you need to gain certification and succeed on the job Access to SimChart for the Medical Office sold separately Use of SimChart for the Medical Office SCMO for all EHR practice management applications makes it easier to learn and apply EHR fundamentals Realistic hands on practice helps you develop EHR skills including implementation HIPAA compliance troubleshooting and submitting claims for reimbursement Safe learning environment allows you to learn and practice tasks without fear of making a mistake affecting real patients A guided tour through SCMO shows how to use the online simulations and practice EHR tasks Application exercises in the appendix cover administrative clinical and insurance billing allowing you to practice the skills learned in the text Student learning resources on the Evolve companion website include form upload cases additional insurance cards and patient information forms all providing additional practice NEW Enhanced EHR coverage provides in depth preparation for the CEHRS examination NEW CEHRS examination preparation tools are included on Evolve Computed Tomography & Magnetic Resonance Imaging Of The Whole Body E-Book John R. Haaga, Daniel Boll, 2008-12-08 Now more streamlined and focused than ever before the 6th edition of CT and MRI of the Whole Body is a definitive reference that provides you with an enhanced understanding of advances in CT and MR imaging delivered by a new team of international associate editors Perfect for radiologists who need a comprehensive reference while working on difficult cases it presents a complete yet concise overview of imaging applications findings and interpretation in every anatomic area The new edition of this classic reference released in its 40th year in print is a must have resource now brought fully up to date for today s radiology practice Includes both MR and CT imaging applications allowing you to view correlated images for all areas of the body Coverage of interventional procedures helps you apply image guided techniques Includes clinical manifestations of each disease with cancer staging integrated throughout Over 5 200 high quality CT MR and hybrid technology images in one definitive reference For the radiologist who needs information on the latest cutting edge techniques in rapidly changing imaging technologies such as CT MRI and PET CT and for the resident who needs a comprehensive resource that gives a broad overview of CT and MRI capabilities Brand new team of new international associate editors provides a unique global perspective on the use of CT and MRI across the world Completely revised in a new more succinct presentation without redundancies for faster access to critical content Vastly expanded section on new MRI and CT technology keeps you current with continuously evolving innovations *Spine Pain Care* Jianren Mao, 2019-11-07 This multi faceted book provides readers with comprehensive guidance to spine pain care Unique in structure the contents integrate various specialties involved in spine pain care thereby bringing in new prospective and expanding readership This six part reference begins with a review on the epidemiology and economic impacts that present clinical and financial challenges for spine pain care Part two then

brings the reader into a review of the anatomy pathophysiology and etiology of spine pain Subsequent parts then dive into clinical evaluation tactics unique disease conditions and treatment options Finally the book closes with two chapters discussing the challenges of spine pain medicine and the potential future directions of the field Written by experts in their respective fields Spine Pain Care A Comprehensive Clinical Guide is a first of its kind barrier breaking work designed for all professionals involved in spine pain care including physicians and nurses as well as medical students residents and fellows as a supplementary educational material Cumulated Index Medicus ,1993 **Buck's The Next Step: Advanced Medical Coding and Auditing, 2019/2020 Edition** Elsevier,2018-11-03 Master advanced coding skills Buck s The Next Step Advanced Medical Coding and Auditing shows how to code for services such as medical visits diagnostic testing and interpretation treatments surgeries and anesthesia Real world cases cleared of any patient identifiers takes your coding proficiency a step further by providing hands on practice with physician documentation With this guide you ll learn to pull the right information from medical documents select the right codes determine the correct sequencing of those codes and properly audit cases Real world patient cases cleared of any patient identifiers simulate the first year of coding on the job by using actual medical records allowing you to practice coding with advanced material UNIQUE From the Trenches boxes highlight the real life experiences of professional medical coders and include photographs quotes practical tips and advice UNIQUE Evaluation and Management E M audit forms include clear coding instructions to help reduce errors in determining the correct level of service Over 170 full color illustrations depict and clarify advanced coding concepts **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

Campbell's Operative Orthopaedics, E-Book Frederick M. Azar,S. Terry Canale,James H. Beaty,2020-12-23 Still the most widely used comprehensive resource in orthopaedic surgery Campbell s Operative Orthopaedics is an essential reference for trainees a trusted clinical tool for practitioners and the gold standard for worldwide orthopaedic practice Unparalleled in scope and depth this 14th Edition contains updated diagnostic images practical guidance on when and how to perform every procedure and rapid access to data in preparation for surgical cases or patient evaluation Drs Frederick M Azar and James H

Beaty along with other expert contributors from the world renowned Campbell Clinic have collaborated diligently to ensure that this 4 volume text remains a valuable resource in your practice helping you achieve optimal outcomes with every patient. Features evidence based surgical coverage throughout to aid in making informed clinical choices for each patient. Covers multiple procedures for all body regions to provide comprehensive coverage. Keeps you up to date with even more high quality procedural videos, a new chapter on biologics in orthopaedics and expanded and updated content on hip arthroscopy, patellofemoral arthritis and more. Follows a standard template for every chapter that features highlighted procedural steps, high quality illustrations for clear visual guidance and bulleted text. Enhanced eBook version included with purchase. Your enhanced eBook allows you to access all of the text, figures and references from the book on a variety of devices.

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https://letsgetcooking.org.uk/results/Resources/index.jsp/Olympus_Digital_Wave_Player_Manual.pdf

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Sample Mri Spine Report Herniated Disc Introduction

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