

# Magnetic Resonance Imaging of the Spine



This atlas presents coverage of spinal MRI in a case format. Each case includes a discussion of clinical history relevant to diagnostic interpretation, film findings, diagnosis, MR findings, disease process and differential diagnosis. Tips on imaging techniques and pitfalls are included.

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**Magnetic Resonance Imaging of the Spine: Michael T. Modic** Magnetic Resonance Imaging of the Spine [Michael T. Modic, Thomas Masaryk, Jeffrey Ross] on . \*FREE\* shipping on qualifying offers. **Magnetic Resonance Imaging (MRI) and Computed Tomography** An MRI may be used to examine the brain or spinal cord for tumors, aneurysms or other conditions. Learn more about how MRIs of the spine and brain work. **Magnetic resonance imaging of the spinal cord in a** - NCBI - NIH J Bone Joint Surg Am. 2001 Sep83-A(9):1306-11. The value of magnetic resonance imaging of the lumbar spine to predict low-back pain in asymptomatic **Magnetic Resonance Imaging of the Spine - Springer** Jul 22, 2016 Magnetic resonance imaging (MRI) has been playing an increasingly important role in the spinal trauma patients due to high sensitivity for **Magnetic resonance imaging of the weight-bearing spine. - NCBI** Mar 30, 2017 An MRI can be performed on any part of your body. A lumbar MRI specifically examines the lumbar section of your spine a region where **Nuclear magnetic resonance imaging of the spine. - NCBI** Magnetic Resonance Imaging (MRI scan) was developed in the 1980s and has revolutionized our ability to see normal and abnormal spinal structures and help **Magnetic Resonance Imaging (MRI scan) - Spine-Health** Jul 14, 1994 Original Article from The New England Journal of Medicine **Magnetic Resonance Imaging of the Lumbar Spine in People without Back Pain. Magnetic resonance imaging of the spinal cord in a man with** - NCBI An MRI scan is a completely different technology from an x-ray and CT scan and represents the single most useful imaging study available for spine surgery. **Magnetic resonance imaging of the spine at 3 Tesla. - NCBI** Magnetic resonance imaging (MRI) of the spine is a powerful tool for the evaluation, Indications for spine MRI include, but are not limited to, the evaluation of: **Artifacts in magnetic resonance imaging of the spine after surgery MRI - American College of Radiology** J Bone Joint Surg Am. 1995 Nov77(11):1631-8. Magnetic resonance imaging of the thoracic spine.

Evaluation of asymptomatic individuals. Wood KB(1), Garvey **Magnetic Resonance Imaging (MRI): Cervical Spine - Kids Health** N Engl J Med. 191(2):69-73. Magnetic resonance imaging of the lumbar spine in people without back pain. Jensen MC(1), Brant-Zawadzki MN, **Magnetic resonance imaging of the lumbar spine in people without** Radiology. 1983 Sep148(3):757-62. Nuclear magnetic resonance imaging of the spine. Modic MT, Weinstein MA, Pavlicek W, Starnes DL, Duchesneau PM, **Spine MRI - BACKGROUND: The use of magnetic resonance imaging (MRI) is continuously escalating for the evaluation of patients with persistent pain following lumbar** **The value of magnetic resonance imaging of the lumbar spine to** **MRI Scan of the Spine - Spine-Health** Eur Spine J. 19943(5):240-5. Artifacts in magnetic resonance imaging of the spine after surgery with or without implant. Leclet H(1). Author information: (1)Unite **Magnetic Resonance Imaging (MRI) of the Spine and Brain Johns** Semin Musculoskelet Radiol. 2008 Sep12(3):238-52. doi: 10.1055/s-0028-1083107. Epub 2008 Oct 10. Magnetic resonance imaging of the spine at 3 Tesla. **1.5 tesla magnetic resonance imaging of acute spinal trauma. - NCBI** **Magnetic resonance imaging of the lumbar spine in a patient with a** Aetna considers magnetic resonance imaging (MRI) and computed tomography (CT) of the spine medically necessary when any of the following criteria is met: **Cervical MRI Scan: Purpose, Procedure, and Risks - Healthline** Magnetic resonance imaging (MRI) of the dorsal spine showed intramedullary hyperintensity and cord atrophy, similar to changes seen in subacute combined **Magnetic Resonance Imaging (MRI) of the Spine - WebMD** Radiographics. 1988 Nov8(6):1059-82. 1.5 tesla magnetic resonance imaging of acute spinal trauma. Kulkarni MV(1), Bondurant FJ, Rose SL, Narayana PA. **Magnetic Resonance Imaging (MRI): Lumbar Spine - Kids Health** A lumbar spine MRI is a painless test that uses a magnetic field and radio waves to produce detailed pictures of the bones, disks, and other structures in the **Optimal magnetic resonance imaging of the spine. - NCBI** Feb 27, 2016 Magnetic resonance imaging (MRI) was first used to visualize multiple sclerosis (MS) in the upper cervical spine in the late 1980s. Spinal MS is **Role of magnetic resonance imaging in acute spinal trauma: a** A cervical spine MRI can help evaluate various symptoms and also help diagnose tumors, bleeding, swelling, infections, or inflammatory conditions in the **Imaging of the Spine in Multiple Sclerosis: Overview, Computed** Many magnet systems, however, obligate you to position patients for cervical spine (CS) examinations head first the fixed location of the head and/or the CS coil. **Vet Radiol Ultrasound.** 2011 Mar-Apr52(1 Suppl 1):S72-80. doi: 10.1111/j.1740-8261.2010.01787.x. Optimal magnetic resonance imaging of the spine. Dennis **Magnetic Resonance Imaging (MRI) of the Spine - WebMD** Magnetic resonance imaging (MRI) of the spine can often be used instead of other tests that use X-rays, such as a computed tomography (CT) scan or myelography. MRI is a safe test for looking at structures and organs inside the body. **Magnetic Resonance Imaging of the Lumbar Spine in People** MRI is a noninvasive imaging technique that does not involve exposure to ionizing radiation. MR images of the spine are clearer and more detailed than images obtained with other imaging methods. MRI is the best available modality to visualize spinal cord and nerves.