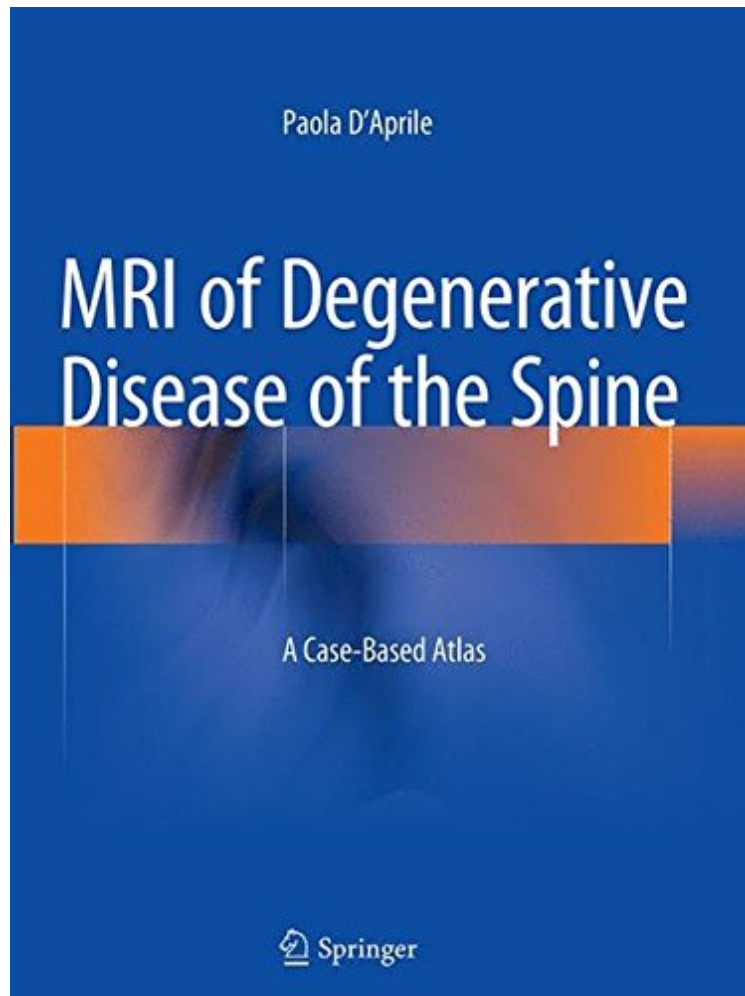


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MRI of Degenerative Disease of the Spine: A Case-Based Atlas

Paola D'Aprile

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Paola D'Aprile : MRI of Degenerative Disease of the Spine: A Case-Based Atlas before purchasing it in order to gauge whether or not it would be worth my time, and all praised MRI of Degenerative Disease of the Spine: A Case-Based Atlas:

This richly illustrated case-based atlas thoroughly depicts the role of MR imaging in the assessment of patients presenting with pain due to degenerative disease of the spine and will serve as an excellent guide to differential diagnosis. Importantly, generic radicular compression is the main reason for the painful symptomatology in only a limited number of cases, and this book illustrates and emphasizes how various anatomic elements of the spine can be responsible. The imaging features of a range of disorders involving both the anterior and posterior elements of the

spine are described, including active inflammatory osteochondrosis, atypical herniated discs, facet joint disorders, spondylolysis, and degenerative-inflammatory changes of the spinal ligaments and posterior perispinal muscles. Each example is supported by clinical data, and a series of unusual cases are also presented. MR study protocols include T2-weighted sequences with fat saturation and contrast-enhanced T1-weighted sequences with fat saturation to allow better visualization or highlighting of various inflammatory changes in the spine. Radiologists, neuroradiologists, neurosurgeons, orthopedists, and rehabilitation physicians will all find this atlas a valuable asset in their practice.

The goal of this book is to help radiologists become more effective consultants to their clinical colleagues who treat spine diseases. The organization of and emphasis within the book are intended to support learning, review, and reference for radiology and nonradiology fields of study, which MRI of Degenerative Disease of the Spine effectively accomplishes. (Arthur Cortez, *Radiology*, Vol. 279 (2), May, 2016) This is a case-based atlas of MRI findings in degenerative disease of the spine. this book would be more helpful to medical students and nonradiology residents. This atlas provides good examples of MRI findings in inflammatory degenerative changes of the spine. (Nitu Saran, *Doody's Books*, May, 2015) From the Back Cover This richly illustrated case-based atlas thoroughly depicts the role of MR imaging in the assessment of patients presenting with pain due to degenerative disease of the spine and will serve as an excellent guide to differential diagnosis. Importantly, generic radicular compression is the main reason for the painful symptomatology in only a limited number of cases, and this book illustrates and emphasizes how various anatomic elements of the spine can be responsible. The imaging features of a range of disorders involving both the anterior and posterior elements of the spine are described, including active inflammatory osteochondrosis, atypical herniated discs, facet joint disorders, spondylolysis, and degenerative-inflammatory changes of the spinal ligaments and posterior perispinal muscles. Each example is supported by clinical data, and a series of unusual cases are also presented. MR study protocols include T2-weighted sequences with fat saturation and contrast-enhanced T1-weighted sequences with fat saturation to allow better visualization or highlighting of various inflammatory changes in the spine. Radiologists, neuroradiologists, neurosurgeons, orthopedists, and rehabilitation physicians will all find this atlas a valuable asset in their practice.