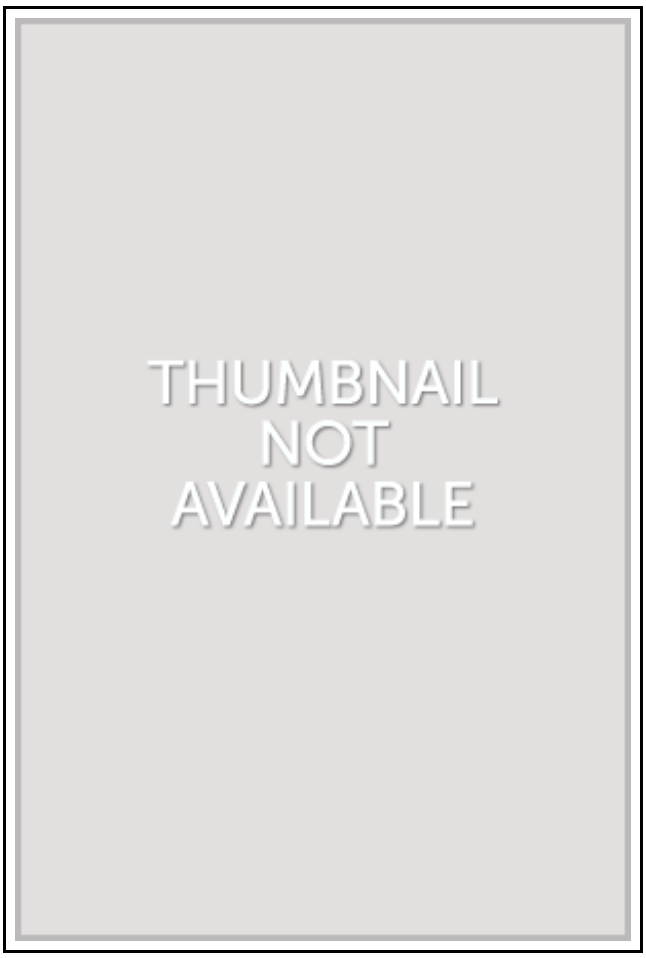
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CreateSpace Independent Publishing Platform. Paperback. Book Condition: New. This item is printed on demand. Paperback. 104 pages. Dimensions: 11.0in. x 8.5in. x 0.2in.Musculoskeletal conditions are the most common causes of disability in the United States. Among these, arthritis (osteoarthritis and rheumatoid arthritis) and back or spinal problems are the first and second leading causes of disability among adults. As the U. S. adult population ages, the prevalence of these conditions appears to be increasing, resulting in concomitant increases in health care resource utilization. Musculoskeletal complaints are some of the most common reasons for doctor visits and are significant sources of lost productivity. According to the American Productivity Audit, pain of musculoskeletal origin (including back-pain, arthritis related pain, and pain due to other musculoskeletal conditions) was reported by 7. 2 percent of the workforce as having occurred over the previous two weeks. In the same cross-sectional study, back pain was the second most common cause of missed days at work (after headache). Importantly, pain of musculoskeletal origin was also a leading cause of total lost productive time, a measurement that takes into account the pain-related reduction in productivity while at the workplace. Similar patterns are observed in other industrialized countries. Clinically, the differential diagnosis of nonspecific musculoskeletal complaints is challenging, and the use of imaging modalities is often required to establish a diagnosis, guide treatment, or monitor disease progression. Magnetic resonance imaging (MRI) is a widely used medical technology, and is often employed as the preferred imaging tool for disorders of the musculoskeletal system (rheumatologic and orthopedic) and neurologic conditions, as it can better delineate soft tissue structures than either plain x rays or computerized tomography (CT). Although more costly and with a longer procedural time compared with CT, MRI has emerged as the imaging modality of choice for complex...

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