Comprehensive reference on the use of advanced imaging techniques in the diagnosis and management of spinal trauma.

In one cohesive source, the book brings together information on state-of-the-art clinical imaging, including multidetector CT and high-field MRI techniques, and the pathophysiology, neurologic evaluation, medical management, surgical treatment, and postoperative assessment of spine trauma and spinal cord injury. Also included are cutting-edge reviews of experimental imaging techniques and their applications and experimental therapies such as neurotransplantation. More than 700 illustrations, including 180 in full color, complement the text.