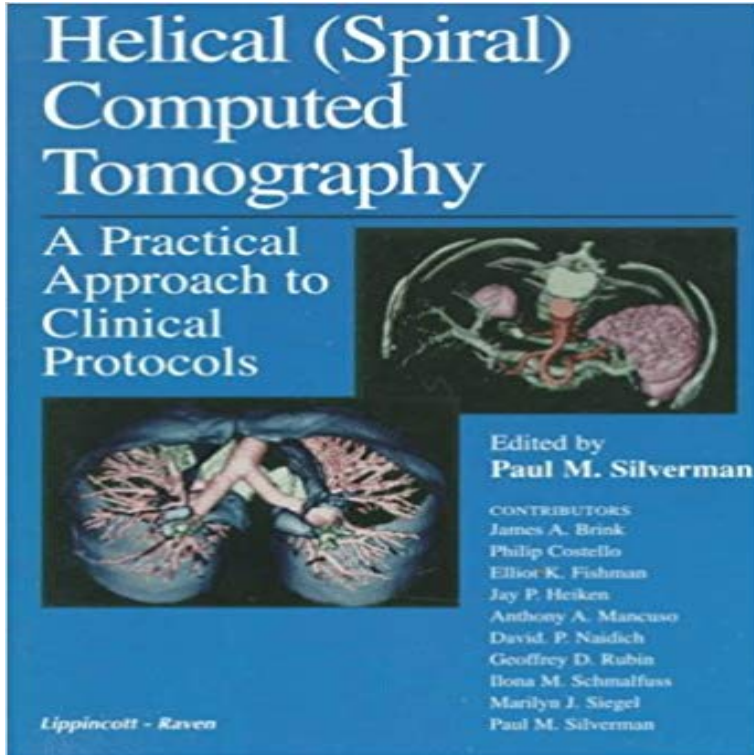# Helical (Spiral) Computed Tomography: A Practical Approach to Clinical Protocols

This practical handbook is an indispensable reference for radiologists who are converting from conventional computed tomography to helical (spiral) computed tomography. The book presents detailed, easy-to-follow, effective helical CT scanning protocols for all areas of the body and for three-dimensional imaging and explains the principles behind the recommended protocols. Chapters cover the head and neck; chest; abdomen and pelvis; musculoskeletal system; helical CT in pediatrics; and helical CT for three-dimensional imaging. Each chapter features a comprehensive list of protocols for specific clinical indications. The protocols are presented in an easily readable outline format that includes clinical indication; scanner settings; oral contrast agents; phase of respiration; slice thickness; pitch; helical exposure time; reconstruction interval; superior and inferior extent; intravenous contrast; and pertinent comments and pearls. Representative helical CT scans appear on interfacing pages with the protocols.

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