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## **[Developing the Digital Lung: From First Lung CT to Clinical AI 1st Edition](#)**

"Developing the Digital Lung: From First Lung CT to Clinical AI, 1st Edition" is an insightful and comprehensive exploration of advancements in lung imaging and artificial intelligence, authored by leading experts in the field. This groundbreaking book, published by Academic Press, delves into the evolution of lung computed tomography (CT) technology and its integration with cutting-edge clinical AI applications. It addresses the transformation of lung diagnostics, emphasizing the importance of precision and efficiency in detecting and treating pulmonary diseases. Readers will find a wealth of knowledge, including case studies, practical examples, and the latest research findings that illustrate the potential of digital technologies to enhance patient outcomes. With details on the development and implementation of AI algorithms in radiology, this book serves as an essential resource for radiologists, researchers, and clinicians who seek to understand the intersection of imaging and artificial intelligence in the fight against lung diseases. ISBN 978-0128148963. Explore the future of healthcare with "Developing the Digital Lung" and gain a deeper understanding of how digital advancements are shaping the landscape of pulmonary medicine. This engaging title not only captures the technical aspects but also provides insights into the ethical considerations and future challenges that accompany these innovations, making it an invaluable addition to any medical library or professional collection. Whether you are a seasoned practitioner or a newcomer to the field, this book offers essential knowledge to stay at the forefront of lung imaging and AI technology.