
Thoracic Imaging

Ashish Chawla
Editor

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Basic to Advanced

 Springer

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I dedicate this book to my parents, wife, and my two lovely boys who inspired and continuously motivated me in this journey of writing this book. I am also grateful to the patients who unknowingly provided a great help in understanding the concepts of thoracic imaging.

Preface

Thoracic imaging is difficult and challenging due to the relatively low specificity of radiological findings in various diseases. Radiologists need active support from clinical colleagues to provide an accurate diagnosis in and reasonable differential diagnoses in most of the cases. The images are not just photographs but they tell a story of the patient that remains incomplete without the clinical and laboratory information. The description of the imaging features and the extent of abnormalities on imaging are as important as the diagnosis. One should be aware that the chest radiologist has a dual role of a diagnostic radiologist as well as a prognostic radiologist. The ability to prognosticate can be enhanced by staying updated with textbooks, research studies, routine work by registering the learning points from each case, along with attending multidisciplinary meetings.

I was fortunate to receive a two-year fellowship training in thoracic imaging at National Jewish Health, Denver. During the training and later as an educator, I tried to relate to the problems faced by residents and clinical radiologists in thoracic imaging. A common issue among radiologists is the difficulty in describing certain imaging findings to the referring physician, in order to generate an accurate virtual image. This book uses standard terms and lexicons to describe these imaging findings. There are 14 chapters in this book with the first chapter focusing on imaging patterns in lung diseases. I recommend a thorough review of the first chapter to have a better understanding of description of various pulmonary abnormalities. Chapter 13 includes description of the abnormalities that would be useful in the diagnostic pathway of these diseases. The book is curated to provide more emphasis on the imaging features and relevant clinical findings that may help in reaching an accurate diagnosis. Wherever possible, these imaging features are presented in tables for ease of memorizing. My coauthors have a special interest in chest imaging, and each one of them had given their best effort to bring this book to fruition. We hope the book will be useful to both radiologists and pulmonologists in their clinical practice.

Singapore, Singapore

Ashish Chawla

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About the Editor

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