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## Preface

It was the visual sciences in ancient Greece that provided the basis for all future research: the *Θεορία* (theoria), the serious observation of images and appearances. It applied to all natural sciences, including, of course, ancient medicine. Without theoria, there would have been no hypothesis, no diagnosis, and no treatment or cure.

*Theoria* in today's medicine essentially refers to the modern tools of visual sciences, that is, all means of diagnostic imaging and pathology. Thus, this atlas returns to the roots of medicine by combining observations in diagnostic imaging and anatomic pathology to identify essential diseases for our students and trainees in medicine.

Although theoria originally focused on all the manifestations of disease, including biochemical, microbiological, and functional appearances, time and space force us to limit this atlas to presenting diseases by their ultimate visual expression.

A solid knowledge of these diseases still represents the essential requirement for all subsequent investigations that may lead to their diagnosis and treatment. Thus, the study of this atlas is recommended for all medical students and other undergraduate health science students, as well as medical residents, fellows, and other postgraduate trainees, regardless of the specialty they will practice later. After all, the visual images are what stick in one's mind and remind us what a patient in our care may be experiencing.

*Atlas of Anatomic Pathology with Imaging: A Correlative Diagnostic Companion* is organized so it serves as an ideal companion to, not a replacement for, common textbooks in medicine. The chapters follow the usual division into organ systems, including an initial chapter on general topics of anatomic pathology and diagnostic imaging (Chap. 1). The rest of the book presents examples of diagnostic imaging and anatomic pathology of diseases of the cardiovascular system (Chap. 2); respiratory system (Chap. 3); gastrointestinal tract (Chap. 4); liver, biliary system, and exocrine pancreas (Chap. 5); genitourinary system (Chap. 6); breast and female genital tract (Chap. 7); hematopoietic and lymphatic tissues (Chap. 8); bones and soft tissues (Chap. 9); skin and adnexa (Chap. 10); endocrine system (Chap. 11); ear, nose, and throat (Chap. 12); dental and orofacial structures (Chap. 13); central and peripheral nervous system (Chap. 14); and the eye (Chap. 15). Each chapter is written by experts with many years of combined clinical and academic experience and a large collection of photographic documentation of diseases and teaching slides. We hope to pass on to following generations of young colleagues this unique resource of visual diagnostics, as a decline in autopsies will make many images such as these unavailable in the future.

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