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OTOLARYNGOLOGY

Volume 1

BASIC SCIENCES AND RELATED DISCIPLINES

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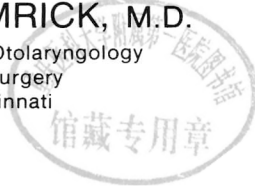
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*This book is dedicated to the many American
otolaryngologists who, in the past few decades,
have made significant contributions to patient
care, research and teaching, thus helping to
establish otolaryngology as a regional specialty
with an ever-expanding scientific base.*

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PREFACE

We, the editors, felt both honored and challenged when the Saunders Company invited us to prepare a new and definitive reference source in otolaryngology. The new book was to replace the classic Jackson work, *Diseases of the Nose, Throat and Ear*, which itself was one of the last in a proud line of tremendously influential books from the great Jackson Clinic (*Bronchoscopy and Esophagoscopy*, 1922; *Nose, Throat and Ear*, 1st edition, 1929; *Disease of Air and Food Passages of Foreign-Body Origin*, 1936; *The Larynx and Its Diseases*, 1937; *Cancer of the Larynx*, 1939; *Bronchoesophagology*, 1950).

The Jacksons typified a host of otolaryngologists who contributed in areas of clinical medicine, science and pedagogy. These productive and pioneering otolaryngologists, including our respective mentors, have broadened the scientific base of otolaryngology, thereby helping to establish the concept of regionalization for otolaryngology. Many of those to whom we are referring have written chapters for this work.

Otolaryngology is a regional specialty of medicine as well as of surgery. Indeed, the vast majority of new patients seen by an otolaryngologist are treated medically rather than surgically. Thus, the emphasis in this book is placed on the pathophysiology of head and neck diseases and related areas (excepting, of course, for intracranial and intraocular diseases) and on the principles of medicine and surgery.

These volumes are intended as a reference for graduate students—recognizing the physician to be a life-long student—and will, of course, be mainly of interest to residents and practitioners of otolaryngology. It is additionally of interest, however, that a study by the Minnesota Academy of General Practice, since replicated at the University

of Florida and Johns Hopkins University, indicated that the commonest problems seen in the family physician's office are ear, nose and throat problems.* For this reason the work will also be an important source of information for medical students, who function as graduate students in most medical schools, and for primary physicians who wish a deeper understanding of the otolaryngologic problems with which they must deal frequently.

Our attempt to replace the Jackson and Jackson text, while maintaining an appropriately comprehensive scientific and clinical blend, resulted in the present three volume effort. Although each volume can stand alone, each is intended to be used best in conjunction with the other two. Volume I is subtitled *Basic Sciences and Related Disciplines*. Here the health sciences as they relate to otolaryngology are outlined in traditional manner, obviating the need, in most instances, for the reader to search for additional information in a basic science textbook. Following this, fundamental principles of surgery and of medicine are discussed. Other sections in the first volume include discussions of closely related disciplines such as Anesthesiology, Neurology and Ophthalmology. "Principles of Physical Diagnosis," "Audiology and Communication Disorders" and "Radiology and Radiotherapy" comprise the remaining sections of Volume I.

Volume II, *Ear*, is concerned with the medical and surgical aspects of otology. This volume is subdivided according to "Diseases of the External Ear," "Diseases of the Eustachian Tube, Mastoid and Labyrinthine Capsule," and "Diseases of the Inner Ear

*Reynolds, R. C.: Otolaryngology and family practice. Arch. Otolaryng. 94:289-293, 1971.

and Retrocochlear Region." Descriptions of surgical techniques are covered in the final chapter of each section, although we have attempted to prevent repetitive descriptions of the same operation (such as mastoidectomy) for different diseases.

Volume III covers the remaining areas of the discipline and is entitled *Head and Neck*. Sections of this volume include "Diseases of the Nose and Sinuses," "Dental Diseases," "Diseases of the Salivary Glands,"

"Maxillofacial Trauma and Cosmetic Surgery," "Diseases of the Trachea, Bronchi and Esophagus," and "Related Head and Neck Surgery and Reconstruction."

Because of the determination to establish a truly definitive "hunt book" of catholic scope, contributions by many experts were necessary. This made the task of coordination difficult, and we ask both the authors' and the readers' tolerance for some unevenness and for our first edition woes.

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