

Foreword

It is with great pleasure that I write this foreword. This takes me personally back to 1970 when my mentor Dr. Fearon and I were researching surgical techniques for reconstruction of the pediatric airway using African green monkeys as our operative model. The term “translational” research was not current at that time but this indeed was a great example of this. I also did not realize that this would lead to my chosen career path in the future. The need for such work arose because of the emergence of a new disease entity in infants following the introduction of long-term intubation as a means of respiratory support in premature infants, leading to the development of subglottic stenosis and tracheotomy in an unfortunate few. The outcome of this work was that the Cotton anterior graft reconstruction became the standard workhorse of airway surgery in children.

The senior author, Evan Propst, was a fellow in our Division at Cincinnati Children’s Hospital (CCHMC) from 2008 to 2010 and became thoroughly exposed to all the techniques of pediatric airway surgery that have developed over the past 45 years. Concurrently, Evan was exposed to several members of our Division who were developing a curriculum for simulation in pediatric otolaryngologic procedures in general, including airway surgery. The synergism of this exposure to live surgical procedures and simulation has led to his development of this most important text.

This cutting-edge manual is a supreme example of being the right publication at the right time. It will be of great benefit not only to all trainees in pediatric otolaryngology but also worldwide to younger and midlevel specialists who may not have had in-depth exposure to airway surgery in their training yet who are in a position to treat these patients in their local environments. This manual fills a niche that is presently empty. As I read the chapter on harvest of costal cartilage, I recalled that while doing my first costal cartilage harvest in the operating room at CCHMC in 1974, I was confronted by one of my pediatric surgical colleagues “offering his help” as needed. I have to feel this book would have increased my confidence level at that moment!

In summary, this beautifully written and illustrated book will be of great importance to all pediatric otolaryngologists worldwide who treat children with airway problems. Following the guidelines will enable the practitioner to test his or her surgical skills prior to the operating room. This will be a classic for many years to come.

Robin T. Cotton, MD, FACS, FRCSC
Director
Aerodigestive and Sleep Center
Cincinnati Children’s Hospital Medical Center
Professor
Department of Otolaryngology-Head and Neck Surgery
Department of Pediatrics
University of Cincinnati College of Medicine
Cincinnati, United States of America



Robin T. Cotton

Foreword

It is a pleasure to have been invited to write the foreword to this very timely manual that covers the historical developments and current approaches to, and techniques for repairing simple to complex defects of laryngotracheal stenosis. The collective experience of the authors is beyond question, because they are the products of the learning curve that I have had a unique opportunity to be part of during the past 30 years.

This manual demonstrates a variety of techniques in a most detailed descriptive manner that will help our trainees to better understand the menu of approaches in each selective type of problem. The material is presented in a most clear and concise manner that includes critical and contrasting points of view. This text chronicles the breadth and depth of understanding necessary to optimize the best result when selecting the most appropriate technique, as shown by the authors. This publication is a major contribution to this poorly understood area, and in my opinion should be compulsory reading for our residents and fellows in training.

This work is a timely account of the current knowledge of airway repair. I congratulate the editors for their vision and creativity in preparing this comprehensive reference text.

Patrick J. Gullane, CM, MB, FRCSC, FACS, FRACS(Hon), FRCS(Hon), FRCSI(Hon)
Wharton Chair in Head and Neck Surgery
Professor
Department of Otolaryngology-Head and Neck Surgery
Department of Surgery
University of Toronto
Toronto, Canada



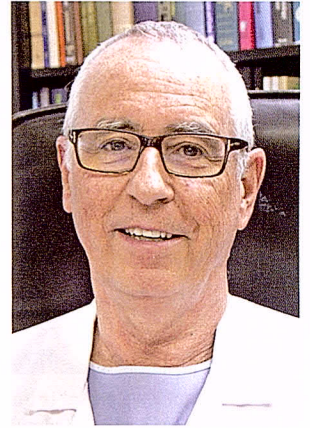
Patrick J. Gullane

Foreword

The authors of this surgical dissection manual must be congratulated for providing a useful adjunct to the field of pediatric airway reconstruction. The idea of describing the surgical steps of each procedure in detail in a porcine model will be invaluable for all surgeons wishing to gain a basic understanding of, and surgical skills in, this field.

Each chapter is richly illustrated and concisely written in a step-by-step manner. The high-quality operative views with only essential descriptions added render the comprehension of each procedure both simple and clear. All basic airway reconstructions such as anterior cricoid split, harvest of thyroid and costal cartilages, tracheotomy, different LTRs, CTR, and slide tracheoplasty are clearly described.

This book will undoubtedly stand as a first approach to pediatric airway reconstruction surgery and belongs on the bookshelf of all junior surgeons wishing to develop their surgical skills prior to operating on human beings.



Philippe Monnier

Philippe Monnier, MD
Professor Emeritus
Department of Otolaryngology-Head and Neck Surgery
School of Biology and Medicine
University of Lausanne
Lausanne, Switzerland