



Cummings Otolaryngology Head & Neck Surgery

VOLUME ONE

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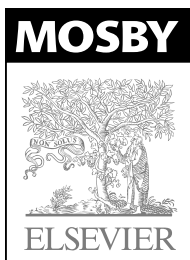
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VOLUME ONE

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Preface

The fifth edition of *Cummings Otolaryngology–Head and Neck Surgery* is written in response to the vast expansion of medical knowledge and technological advancements impacting our specialty and presents the most up-to-date information, covering new topics from surgical robotics and image guidance to evidence-based performance measurements. Nonetheless, we have worked hard to keep the fifth edition concise, removing overlapping content to make for easier reading, yet still covering in detail all major developments in the field.

Building on the success of the past four editions, the fifth edition also reflects a technology-driven change in curriculum, featuring access to the Expert Consult website, with text and images from the book as well as online video demonstrating the ACGME Key Indicator Procedures. The video component provides residents with a new opportunity to better understand the critical elements of these core procedures.

As with past editions, the field of otolaryngology–head and neck surgery is represented in all of its diversity. The table of contents has been restructured to reflect the extensive interrelationship of its various components. Every chapter contains Key Points at the start and a “most relevant” Suggested Readings list. A full reference list for each chapter is available online to supplement the overall content. Combined with the online version, the fifth edition remains the definitive resource for our specialty.

In acknowledgement of all those who have contributed to the specialty, the list of authors includes worldwide representation. Adding to excellence at the editorship level, Drs. Valerie Lund and John Niparko have assumed leadership roles, and Dr. Howard Francis has assumed an associate editorship position for the online video content. Through the combined effort of all contributors, our goal is to further the education of those now associated with otolaryngology–head and neck surgery and provide a foundation for continued progress by the generations to follow.

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Acknowledgments

For those individuals privileged to serve and train under Dr. Charles Cummings, we recognize him as mentor, colleague and friend, physician and healer; we are grateful for his leadership and everlasting imprint on our mission in academic medicine.

Charlie, thank you. From your student, colleague, and friend,

Paul W. Flint

It has been a distinct honor and pleasure to be part of the editorial and publishing team assembled for this edition of *Cummings Otolaryngology—Head and Neck Surgery*. The authors have been tireless in their efforts and have worked strongly to produce chapters that are truly comprehensive in scope and depth. My sincere thanks goes to each one of them and their families, who inevitably have put up with liberal amounts of “burning the midnight oil.” My loyal assistant of 20 years, Debbie Turner, has kept us to our deadlines and liaised with both authors and publishers in a highly organized way, while my office nurses have provided generous amounts of patient care to cover for my time away from the front lines during this textbook’s creation. Similarly, the residents and fellows at Washington University in St. Louis have “held the fort” when necessary.

The ability to purvey knowledge starts, and continues, with one’s education, for which thanks goes to my parents, the late Thomas and Marjorie Haughey, my teachers, medical professors, Otolaryngology residency mentors in Auckland, New Zealand, and at the University of Iowa, and colleagues in the specialty, from whom I have and will continue to learn.

My family has unswervingly endorsed the time required for this project, so heartfelt love and thanks go to my wife, Helen, as well as to Rachel and Jack, Chris, Will and Rachel, and Gretchen.

Finally, as we enjoy the teaching of this book and its ensuing online components, I try to keep in mind the source of all knowledge and truth: in the words of Proverbs 2 v.6 “...the Lord gives wisdom and from his mouth come knowledge and understanding.” My sincere hope is that the readers everywhere will benefit from this textbook, better accomplishing our specialty’s common goal of top quality patient care.

Bruce H. Haughey

I would like to thank Paul Flint and his colleagues for inviting me to participate in this prestigious project, the publishers for their exemplary efficiency in its management, and my partner, David Howard, for his constant support and encouragement.

Valerie J. Lund

Otolaryngology is a specialty of immense power. Scholarly work such as this text shows that in the tools of our specialty is the potential to address unmet challenges. I am grateful to Drs. Charles Cummings and Paul Flint, who showed confidence in me in inviting me to join a marvelously collaborative editorial team, and to the many chapter authors who have given their very best efforts in composing this essential resource.

My work is dedicated to those who have provided my guidance. To my parents, my family, my colleagues, and my ever thoughtful patients, you have taught me the importance of dedication to others and that true compassion is shown in action. Through you I’ve learned that this is not a world of scarcity but one of abundance that is to be shared.

John K. Niparko

The process of learning is truly lifelong. Participating in the creation of this text allows another way for me to continue to become invigorated and inspired by my specialty field. To my invaluable support mechanism, my wife, children, and family: Thank you.

Mark A. Richardson

I am deeply appreciative and honored to again serve as an editor of this important book. I would like to take this opportunity to recognize some individuals who have influenced my career: John Fredricksen; Douglas Bryce; the late Sir Donald Harrison; Robert Byers; Oscar Guillamondegui; Helmuth Goepfert; Robert Jahrsdoerfer; Charles Cummings; and the late Edwin Cocke. Also, I would like to remember and honor my parents, the late Elizabeth and Wycliffe Robbins, for the values they instilled in me. Finally, and <http://www.us.elsevierhealth.com/product.jsp?isbn=9780323052832&elsca1=doody&elsca2=PDF&elsca3=Flint9780323052832&elsca4=frontmatter>

most of all, I cherish the love and support of my wife, Gayle Woodson, and the children, Phil, Nick, Greg, and Sarah, who together provide the caring background for making it all meaningful.

K. Thomas Robbins

It is a great privilege and honor to serve as an editor for this outstanding textbook. Although the knowledge base for our specialty and indeed all of medicine is continually evolving and growing, this contribution serves otolaryngologists and their patients throughout the world with the current expertise required for best ultimate treatment. As an academic department head, I treasure the wealth of information available to my resident physicians in training. As an individual who has centered his career in a subspecialty of Otolaryngology, I am especially proud to help enhance the information available to the reader in the area of Facial Plastic and Reconstructive Surgery.

On a personal note, I want thank and acknowledge the great help and assistance I received from my administrative assistant, Denise McManaman, in editing this textbook. Her tireless work ethic is always admirable and appreciated. Finally, thank you to my wife, Rhonda, and my children, Ryan, Aaron, and Evan, for their enthusiastic and never-wavering support in my professional activities.

J. Regan Thomas

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Available online at www.expertconsult.com

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Howard W. Francis, M.D., Associate Editor

Nasir Bhatti, M.D., Assistant Editor

Kulsoom Laeeq, M.D., Assistant Editor

Jay Corey, Videographer

Johns Hopkins University, Baltimore, Maryland

1	Parotidectomy, <i>Joseph Califano, M.D.</i>	5	Tympanoplasty, <i>Charles Limb, M.D.</i>
2	Selective Neck Dissection—Levels II-IV, <i>Sandeep Samant, M.D.*</i>	6	Mastoidectomy, <i>Howard W. Francis, M.D.†</i>
3	Laryngectomy, <i>Jeremy Richmon, M.D., and Patrick Ha, M.D.</i>	7	Stapedectomy, <i>Howard W. Francis, M.D.†</i>
4	Thyroid/Parathyroidectomy, <i>Ralph Tufano, M.D., and Kavita Pattani, M.D.</i>	8	Rhinoplasty, <i>Ira D. Papel, M.D., and Taha Shipchandler, M.D.</i>
		9	Ethmoidectomy, <i>James A. Stankiewicz, M.D., Devyani Lal, M.D., and Kevin Welch, M.D.*</i>

Note: Additional videos will be added to the website as they become available.

Videos Submitted by Chapter Authors

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*This Key Indicator Video was submitted by the chapter author(s) and was not

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