Chronic rhinosinusitis with nasal polyposis (CRSwNP) is a heterogeneous disease that impacts a significant portion of the population. Specific subtypes of the disease include cystic fibrosis, allergic fungal sinusitis, and aspirin-exacerbated respiratory disease. Unfortunately, the majority of patients with CRSwNP do not fall within one of these sub-types, and have variable responses to medical and surgical treatment. There are rapidly evolving theories describing the etiology of CRSwNP that involve alterations in innate immunity, acquired dysfunction of respiratory epithelial cells, and external or environmental factors. This book provides a comprehensive update on the latest theories on the etiology of CRSwNP as well as a review of innovative and effective medical and surgical therapies. Special thanks go to D.W. Kennedy, Philadelphia, Pa., for contributing the foreword. Otorhinolaryngologists and allergologists, as well as other physicians and medical providers treating patients with CRSwNP, will find this volume to be an indispensable source of current information.

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Salivary Gland Neoplasms

Editors
Patrick J. Bradley
David W. Eisele

A comprehensive review and educational resource

This volume in the book series 'Advances in Oto-Rhino-Laryngology' summarizes the current scientific knowledge of salivary gland neoplasms and illustrates recent advances in this clinical area. Chapters are authored by world renowned experts who cover the full breadth of salivary gland neoplasms, from benign to malignant, primary to secondary, and pediatric to adult. This comprehensive review highlights the outcome of treatments as well as the classification, diagnosis, and management of salivary gland neoplasms. It also includes a commentary on the future perspective necessary for improvement. All clinicians, both surgical and non-surgical, involved in the diagnosis and treatment of patients with symptoms and diseases of the salivary gland, will find this book indispensable reading. It is also a beneficial educational resource for clinicians, students, and experts in the field.

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The fifth revised edition of this highly successful book presents the most extensive enhancement since Using and Understanding Medical Statistics was first published 30 years ago. Without question, the single greatest change has been the inclusion of source code, together with selected output, for the award-winning, open-source, statistical package known as R. This innovation has enabled the authors to de-emphasize formulae and calculations, and let software do all of the ‘heavy lifting’.

This edition also introduces readers to several graphical statistical tools, such as Q-Q plots to check normality, residual plots for multiple regression models, funnel plots to detect publication bias in a meta-analysis and Bland-Altman plots for assessing agreement in clinical measurements. New examples that better serve the expository goals have been added to a half-dozen chapters. In addition, there are new sections describing exact confidence bands for the Kaplan-Meier estimator, as well as negative binomial and zero-inflated Poisson regression models for over-dispersed count data.

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