

1. Record Nr.	UNINA9910300343603321
Titolo	Diseases of the Sinuses : A Comprehensive Textbook of Diagnosis and Treatment // edited by Christopher C. Chang, Gary A. Incaudo, M. Eric Gershwin
Pubbl/distr/stampa	New York, NY : , : Springer New York : , : Imprint : Springer, , 2014
ISBN	1-4939-0265-2
Edizione	[2nd ed. 2014.]
Descrizione fisica	1 online resource (600 p.)
Disciplina	616.212
Soggetti	Allergy Primary care (Medicine) Internal medicine Pediatrics Allergology Primary Care Medicine Internal Medicine
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Preface; Acknowledgments; Contents; Contributors; Part I:Anatomy and Physiology; Chapter 1: Anatomy of the Nose and Paranasal Sinuses; Anatomy of the Nose and Paranasal Sinuses; Introduction; Defining Paranasal Sinuses on the Basis of Development; Clinical Implications; An Overview of the History of Paranasal Sinus Study; Ethmoid Sinus; Development and Functional Anatomy; Clinical Implications; Maxillary Sinus; Development and Functional Anatomy; Clinical Implications; Frontal Sinus; Development and Functional Anatomy; Clinical Implications; Clinical Commentary; Sphenoid Sinus Development and Functional Anatomy Clinical Implications; Conclusions; References; Chapter 2: Physiology and Host Immune Responses of the Nose and Sinuses; Introduction; Phylogeny and Ontogeny of the Nose and Sinuses; Anatomy of the Nose and Sinuses; External Nose; Vestibule; Nasal Valve and Airflow; Nasal Septum and Turbinates; Histology of the Nose and Sinuses; Mucociliary Clearance;

Vasculature; Lymphatics; Nervous System; Innate Immune Responses in the Nose; Adaptive Immunity; Pathogenesis of Chronic Rhinosinusitis; Conclusions; References

Chapter 3: Immunobiology of Chronic Rhinosinusitis Introduction; The Role of Innate Immunity in Chronic Rhinosinusitis; The Epithelial Cell as an Immune Barrier in CRS; Tight Junctions; The Immune Barrier as a Mediator of T Cell Function; Other Components of Innate Immunity; S100 Protein Genes; Lymphoepithelial Kazal-Type-Related Inhibitor (LEKTI) A.K.A Serine Protease Inhibitor Kazal-Type 5 (SPINK5); Thymic Stromal Lymphopoietin (TSLP); Transforming Growth Factor (TGF); Pattern Recognition Receptors and Pathogen- and Danger-Associated Molecular Patterns; Complement and Rhinosinusitis

Staphylococcus Superantigens and Chronic Rhinosinusitis The Role of Adaptive Immunity in Chronic Rhinosinusitis; Humoral Immunity; The Role of T Cells in Chronic Rhinosinusitis; Cytokines and Chemokines in Rhinosinusitis; Cytokines; TNF-; TGF-; IL-6; IL-17; IL18; IL-19; IL-32; Chemokines; CCL18; CCL23; Secretoglobins in Rhinosinusitis; Conclusion; References; Chapter 4: Structural Anomalies of the Nose and Sinuses in Patients with Rhinosinusitis; Introduction; Nasal Septum; Middle Turbinate Variants; Maxillary and Frontal Sinus Drainage Pathways; Accessory Ethmoid Cells

Sinus Pneumatization Neighboring Areas; Conclusion; References; Part II: Microbiology; Chapter 5: Microbiology of Acute, Subacute, and Chronic Rhinosinusitis in Children; Introduction; Acute Bacterial Sinusitis; Sinus Aspiration; Endoscopically Obtained Cultures of the Middle Meatus; Surface Cultures; The Role of Staphylococcus aureus ; The Changing Microbiology of Acute Bacterial Sinusitis; Role of Viruses; Complications; Subacute and Chronic Sinusitis; Conclusion; References; Chapter 6: Microbiology of Acute, Subacute, and Chronic Rhinosinusitis in Adults; Introduction

Acute Rhinosinusitis

Sommario/riassunto

Diseases of the Sinuses: A Comprehensive Textbook of Diagnosis and Treatment, 2nd Edition, offers the definitive source of information about the basic science of the sinuses and the clinical approach to sinusitis. Since the widely praised publication of the first edition, understanding of sinus disease has changed dramatically, mainly as a result of recent developments and new discoveries in the field of immunology. This updated and expanded edition is divided into sections addressing, separately, the pathogenesis, clinical presentation, medical and surgical management of acute and chronic rhinosinusitis. Special entities such as autoimmune-related sinusitis, allergy and sinusitis, and aspirin-exacerbated respiratory disease are discussed in separate chapters. The role of immunodeficiency is also addressed. The management section has been fully updated to incorporate new medical modalities and surgical procedures. Developed by a distinguished group of international experts who share their expertise and insights from years of collective experience in treating sinus diseases, the book will appeal to anyone who has an interest in sinus disease, including both physicians and allied health professionals. Internists, pediatricians, allergists, otolaryngologists and infectious disease specialists will find the book to be an invaluable, comprehensive reference. Physician assistants and nurse practitioners who work with specialists who treat sinus disease will also benefit from the book.
