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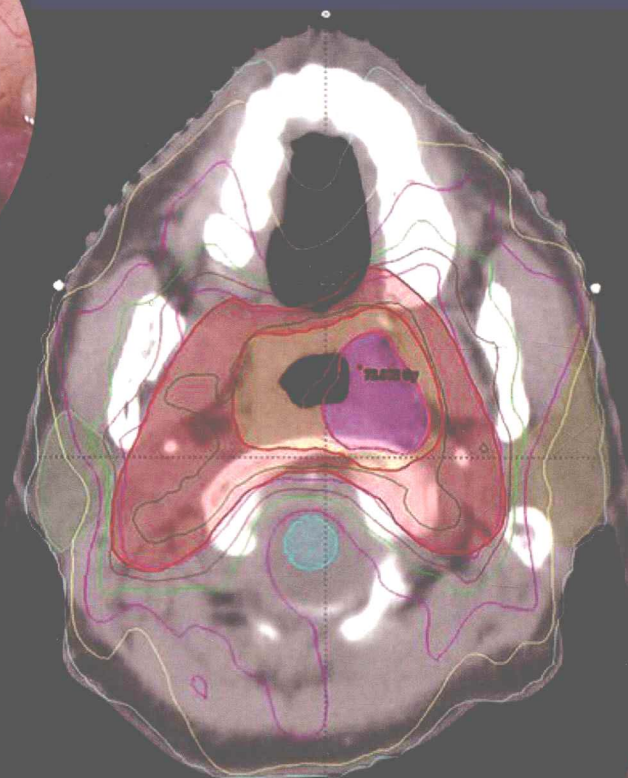
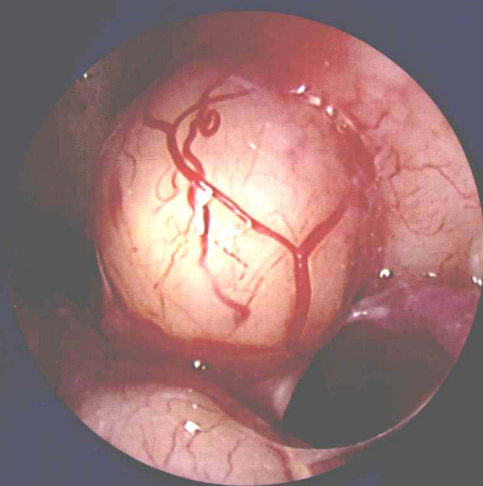
BALLENGER'S

OTORHINOLARYNGOLOGY HEAD AND NECK SURGERY

Ballenger 耳鼻喉头颈外科学

英文版

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 Keck Medicine of University of Southern California
 Los Angeles, California

87. Benign Laryngeal Lesions

Kristin N. Johnston, AuD, PhD

Adjunct Professor, University of Florida
 Audiologist, Department of Veterans Affairs
 Gainesville, Florida

*9. Diagnostic Audiology, Hearing Instruments, and Aural
 Habilitation*

Jan L. Kasperbauer, MD

Professor,
 Department of Otolaryngology–Head and Neck
 Surgery
 Mayo Clinic College of Medicine
 Rochester, Minnesota

114. Diseases of the Thyroid and Parathyroid Glands

Raymond D. Kent, PhD

Professor Emeritus of Communication Sciences and
 Disorders
 Vocal Tract Development Laboratory–Waisman Center
 University of Wisconsin-Madison
 Madison, Wisconsin

86. Disorders of Speech and Language

Elizabeth Keithley, PhD

Professor of Surgery
 Auditory Research
 University of California San Diego
 San Diego, California

*27. Autoimmune Inner Ear Disease and Other Autoimmune
 Diseases with Inner-Ear Involvement*

Samir Khariwala, MD, MS

Associate Professor
Department of Otolaryngology–Head and Neck Surgery
University of Minnesota
Minneapolis, Minnesota

112. Neoplasms of the Larynx and Laryngopharynx

Sara L. Kinter MA, CCC-SLP

Childhood Communication Center
Seattle Children's Hospital
Seattle, Washington

79. Speech and Resonance Disorders in Children

Dawn L. Konrad-Martin, PhD

Research Investigator, Department of Veterans Affairs
Rehabilitation Research and Development Service
National Center for Rehabilitative Auditory Research
Associate Professor, Department of Otolaryngology–Head
and Neck Surgery
Oregon Health and Science University
Portland, Oregon

4. Physiology of the Auditory and Vestibular Systems

Jamie A. Koufman, MD

Director, Voice Institute of New York
Professor of Clinical Otolaryngology
New York Medical College
Valhalla, NY

88. Laryngopharyngeal Reflux, Infections and Manifestations of Systemic Diseases

Dennis H. Kraus, MD, FACS

Director, Head and Neck Oncology
New York Head and Neck Institute, North Shore Health System
New York, New York

110. Neoplasms of the Oral Cavity

Adam J. Kimple, MD, PhD

Department of Otolaryngology–Head and Neck Surgery
University of North Carolina School of Medicine
Chapel Hill, North Carolina

72. Pediatric Sleep Disordered Breathing

Andrew Y. Kee, MD

Legacy Medical Group–Radiation Oncology
Portland, Oregon

36. Stereotactic Radiosurgery and Radiotherapy

Alyn J. Kim, MD

Otolaryngologist–Head and Neck Surgeon
Southern California Ear, Nose and Throat
Long Beach, California

66. Otoplasty

Ilkka Kivekas, MD, PhD

Department of Otolaryngology and Communication Enhancement
Boston Children's Hospital and Harvard Medical School,
Boston, Massachusetts
Department of Otorhinolaryngology, Tampere University Hospital
Tampere, Finland

15. Eustachian Tube Dysfunction

Theda C. Kontis, MD, FACS

Assistant Professor
Johns Hopkins Hospital
Baltimore, Maryland

58. Rejuvenation of the Upper and Mid-face

60. Scar Revision and Skin Resurfacing

Sharon G. Kujawa, PhD

Associate Professor of Otolaryngology
Harvard Medical School
Department of Audiology
Massachusetts Eye and Ear Infirmary
Boston, Massachusetts

22. Noise-Induced Hearing Loss

John F. Kveton, MD

Professor of Surgery/Otolaryngology and Neurosurgery
Yale University School of Medicine
Ear Nose and Throat Medical and Surgical Group, LLC
New Haven, Connecticut

18. Intratemporal and Intracranial Complications of Acute and Chronic Otitis Media

Ying-Ta Lai, MD

Lecturer, Shuang Ho Hospital
Taipei Medical University
Lai's ENT Clinic and Voice Center
Taipei, Taiwan

90. Airway Control and Laryngotracheal Stenosis in Adults

Paul R. Lambert, MD

Professor and Chair
Department of Otolaryngology–Head and Neck Surgery
Medical University of South Carolina
Charleston, South Carolina

29. Presbycusis and Presbyastasis

Stephen Y. Lai, MD, PhD, FACS

University of Texas
MD Anderson Cancer Center
Associate Professor
Department of Head and Neck Surgery
Department of Molecular and Cellular Oncology
Houston, Texas

104. Targeted Therapeutic Approaches to Head and Neck Cancer

Andrew P. Lane, MD

Director, Division of Rhinology
 Professor, Department of Otolaryngology–Head and
 Neck Surgery
 Johns Hopkins School of Medicine
 Baltimore, Maryland

53. Revision Paranasal Sinus Surgery and Surgery of the Frontal Sinus

Charles J. Limb, MD

Francis A. Sooy, MD Professor and Chief Otology/Neurotology
 and Skull Base Surgery
 Director, Douglas Grant Cochlear Implant Center
 University of California San Francisco School of Medicine
 San Francisco, California

8. Central Auditory Processing and Functional Neuroimaging

Catherine R. Lintzenich, MD, FACS

Riverside Medical Group
 Newport News, Virginia

97. Esophagology

Yinda Liu, AuD

Audiologist
 Hartford, Connecticut

8. Central Auditory Processing and Functional Neuroimaging

Todd A. Loehrl, MD

Professor and Chief
 Division of Rhinology and Sinus Surgery
 Department of Otolaryngology and Communication Services
 Medical College of Wisconsin
 Milwaukee, Wisconsin

48. Acute Rhinosinusitis and Its Complications

*102. Navigational Systems, Surgical Simulators and
 Robotic Surgery*

Frank E. Lucente, MD

Department of Otolaryngology
 State University of New York (SUNY) Downstate Medical Center
 Brooklyn, New York

14. Diseases of the External Ear

Christy L. Ludlow, PhD

Communication Sciences and Disorders
 Professor, Department of Communication Sciences and Disorders
 James Madison University
 Harrisonburg, Virginia

91. Neurogenic Disorders of the Larynx

Mahmood F. Mafee, MD, FACR

Clinical Professor, Department of Radiology
 University of California
 San Diego School of Medicine
 San Diego, California

11. Imaging of the Temporal Bone

John Maddalozzo, MD

Professor, Otolaryngology–Head and Neck Surgery
 Northwestern University Feinberg School of Medicine
 Ann and Robert H. Lurie Children’s Hospital of Chicago
 Chicago, Illinois

81. Congenital Head and Neck Masses

J. Scott Magnuson, MD

Medical Director Head and Neck Surgery
 Celebration Health
 Director of Robotic Head and Neck Surgery
 Florida Hospital Nicholson Center for Robotic Surgery
 Celebration, Florida

*102. Navigational Systems, Surgical Simulators and
 Robotic Surgery*

Ellen M. Mandel, MD

Associate Professor, Department of Otolaryngology
 University of Pittsburgh School of Medicine
 Department of Pediatric Otolaryngology
 Children’s Hospital of Pittsburgh
 Pittsburgh, Pennsylvania

16. Acute Otitis Media and Middle-Ear Effusions

Paola Marchisio, MD

Associate Professor of Pediatrics
 Department of Pathophysiology and Transplantation
 University of Milan
 Milan, ITALY

16. Acute Otitis Media and Middle-Ear Effusions

Bradley F. Marple, MD

Professor and Chairman
 Department of Otolaryngology–Head and Neck Surgery
 Associate Dean for Graduate Medical Education
 University of Texas Southwestern Medical Center
 Dallas, Texas

39. Cellular Biology of the Immune System

Becky L. Massey, MD

Assistant Professor, Department of Otolaryngology and
 Communication Sciences
 Division of Head and Neck Surgical Oncology
 Medical College of Wisconsin
 Milwaukee, Wisconsin

108. Neoplasms of the Anterior Skull Base

Hiroumi Matsuzaki, MD, PhD

Assistant Professor
 Department of Otorhinolaryngology–Head and Neck Surgery
 Nihon University School of Medicine
 Tokyo, Japan

84. Development, Anatomy, and Physiology of the Larynx

Stephen Maturo, MD

Associate Professor, Surgery
 Uniformed Services University of the Health Sciences
 San Antonio Military Medical Center
 San Antonio, Texas

76. Acquired Anomalies of the Larynx and Trachea

Evan McBeath, MD

Private practice
 Findlay Ohio

44. Allergy Evaluation

Erin McKean, MD, MBA, FACS

Associate Professor
 Otolaryngology–Head and Neck Surgery
 Director, Cranial Base Program
 University of Michigan Medical School and Health System
 Ann Arbor, Michigan

108. Neoplasms of the Anterior Skull Base

Bryan McIver, MB, PhD

Program Leader, Head and Neck/Endocrine Oncology
 Moffitt Cancer and Research Center
 Tampa, Florida

114. Diseases of the Thyroid and Parathyroid Glands

Cliff A. Megerian, MD, FACS

Professor and the Richard W. and Patricia Pogue Chair
 Department of Otolaryngology–Head and Neck Surgery
 Case Western Reserve University School of Medicine
 Chair, Auditory Surgery and Hearing Sciences
 Director, Ear, Nose and Throat Institute
 University Hospitals Case Medical Center
 Cleveland, Ohio

29. Presbycusis and Presbyastasis

Albert L. Merati, MD FACS

Professor and Chief, Laryngology
 Department of Otolaryngology–Head and Neck Surgery
 University of Washington School of Medicine
 Adjunct Professor, Department of Speech and Hearing
 Sciences
 Adjunct Professor, School of Music, College of Arts and
 Sciences
 University of Washington
 Seattle, Washington

94. Imaging of the Larynx, Trachea, and Esophagus

Elizabeth G. Miller, RD

Clinical Dietitian
 Department of Food and Nutrition
 Virginia Commonwealth University Health System
 Richmond, Virginia

107. Nutrition of the Patient with Head and Neck Cancer

Mia E. Miller, MD

Assistant Professor, Otolaryngology–Head and Neck Surgery
 University of California San Francisco
 San Francisco, California

*27. Autoimmune Inner Ear Disease and Other Autoimmune Diseases
 with Inner-Ear Involvement*

John H. Mills, PhD

Distinguished University Professor
 Department of Otolaryngology–Head and Neck Surgery
 Medical University of South Carolina
 Charleston, South Carolina

29. Presbycusis and Presbyastasis

Lloyd B. Minor, MD

Carl and Elizabeth Naumann Dean of the School of Medicine
 Professor, Department of Otolaryngology–Head and Neck Surgery
 Professor, by courtesy, of Neurobiology and of Bioengineering
 Stanford University School of Medicine
 Palo Alto, California

*28. Menière Disease, Vestibular Neuritis, Benign Paroxysmal
 Positional Vertigo, Superior Semicircular Canal Dehiscence, and
 Vestibular Migraine*

Murray Morrison, MD, FRCSC

Professor Emeritus, Division of Otolaryngology
 Department of Surgery
 University of British Columbia
 Vancouver, British Columbia, Canada

93. Muscle Misuse Disorders of the Larynx

Jeffrey S. Moyer, MD

Associate Professor
 Department of Otolaryngology–Head and Neck Surgery
 University of Michigan
 Ann Arbor, Michigan

*106. Immunotherapy for Squamous Cell Carcinoma of the
 Head and Neck*

Suresh K. Mukherji, MD, MBA, FACR

Professor and Chairman Walter F. Patenge Endowed Chair
 Department of Radiology
 Michigan State University
 East Lansing, Michigan

*103. Imaging of the Oral Cavity, Pharynx, Salivary
 Glands and Neck*

Craig S. Murakami, MD, FACS

Clinical Professor
 University of Washington
 Virginia Mason Medical Center
 Seattle, Washington

59. Rejuvenation of the Lower Face and Neck

Robert M. Naclerio, MD, FACS

Professor and Chief
 Section of Otolaryngology–Head and
 Neck Surgery
 Department of Surgery
 University of Chicago
 Chicago, Illinois
43. Allergic Rhinitis
44. Allergy Evaluation

Shri Nadig, MD

Private Practice
 Toccoa, Georgia
64. Regional Flaps and Free Tissue Transfer

Joseph B. Nadol, JR., MD

Walter Augustus Lecompte Distinguished Professor
 Department of Otolaryngology, Harvard Medical School
 Director, Otopathology Laboratory
 Director and Senior Scientist, NIDCD National
 Temporal Bone Hearing and Balance Pathology
 Resource Registry
 Massachusetts Eye and Ear
 Boston, Massachusetts
12. Pathologic Correlates in Otology and Neurotology

Robert Nason, MD

Private Practice
 Austin, Texas
17. Chronic Otitis Media and Cholesteatoma

Kaibao Nie, PhD

Lecturer, Department of Otolaryngology–Head and
 Neck Surgery
 Virginia Merrill Bloedel Hearing Research Center
 Adjunct Lecturer, Department of Electrical Engineering
 University of Washington School of Science, Technology,
 Engineering and Mathematics
 Seattle, Washington
*33. Cochlear Implant Coding Strategies and Device
 Programming*

John S. Oghalai, MD

Professor of Otolaryngology–Head and
 Neck Surgery
 Department of Pediatrics
 Director, Stanford Children's Hearing Center
 Stanford University School of Medicine
 Palo Alto, California
7. Cochlear Biophysics

Bert W. O'Malley, Jr., MD

Gabriel Tucker Professor and Chair
 Department of Otorhinolaryngology—Head and Neck Surgery
 Co-Director, Head and Neck Cancer Center
 Co-Director, Center for Cranial Base Surgery
 Co-Director, Head and Neck Surgery Fellowship
 University of Pennsylvania School of Medicine
 Philadelphia, Pennsylvania
102. Navigational Systems, Surgical Simulators and Robotic Surgery

Colonel Mark D. Packer, MD

Executive Director, Hearing Center of Excellence
 Neurotologist, San Antonio Military Medical Consortium
 Lackland Air Force Base, Texas
21. Trauma to the Middle Ear, Inner Ear and Temporal Bone

Blake C. Papsin, MD, Msc, FRCSC, FAAP, FACS

Professor Emeritus, McGill University
 Professor of Otolaryngology, University of Toronto
 Otolaryngologist-in-Chief, Cochlear Chair in Auditory
 Development
 The Hospital for Sick Children, The University of Toronto
 Toronto, Ontario, CANADA
68. Congenital Anomalies of the External, Middle and Inner Ear

Stephen Park, MD

Professor and Vice Chair
 Otolaryngology–Head and Neck Surgery
 Division of Facial Plastic and Reconstructive Surgery
 University of Virginia Health System
 Charlottesville, Virginia
56. Functional Rhinoplasty

Chirag R. Patel, MD

Assistant Professor
 Department of Otorhinolaryngology
 Loyola University Chicago Stritch School of Medicine
 Maywood, Illinois
47. Acute and Chronic Nasal Disorders

Boris Paskhover, MD

Private Practice
 New Haven, Connecticut
84. Development, Anatomy, and Physiology of the Larynx

Mihir R. Patel, MD

Assistant Professor
 Emory University School of Medicine
 Department of Otolaryngology–Head and Neck Surgery
 Atlanta, Georgia
89. Trauma to the Larynx

Alexander T. Pearson, MD, PhD

Chief Fellow – Oncology
Comprehensive Cancer Center
University of Michigan Health System
Ann Arbor, Michigan

105. Chemoradiation for Head and Neck Cancer

Myles L. Pensak, MD, FACS

Senior Associate Dean for Clinical Affairs
H.B. Broidy Professor and Chairman
Department of Otolaryngology–Head and Neck Surgery
Professor of Neurologic Surgery
Chief of Physician Services
University of Cincinnati Health Center
Cincinnati, Ohio

18. Intratemporal and Intracranial Complications of Acute and Chronic Otitis Media

Jonathan A. Perkins, DO

Professor, Pediatric Otolaryngology–Head and Neck Surgery
Chief, Vascular Anomalies Program
Seattle Children’s Hospital
Seattle, Washington

82. Vascular Tumors and Malformations of the Head and Neck

Julian D. Perry, MD

Section Head, Oculofacial Plastic Surgery
Cole Eye Institute
Cleveland Clinic Foundation
Cleveland, Ohio

57. Upper and Lower Blepharoplasty

Lukas W. Pfannenstiel, PhD

Postdoctoral Research Fellow
Department of Immunology
Cleveland Clinic Lerner Research Institute
Cleveland, Ohio

100. Mechanisms of Immune Evasion of Head and Neck Cancer

Jeffrey M. Phillips, MD

Associates of Otolaryngology
Shreveport, Louisiana

98. Sleep Medicine and Surgery

James O. Phillips, PhD

Research Associate Professor
Department of Otolaryngology–Head and Neck Surgery
University of Washington Medical Center
Seattle, Washington

4. Physiology of the Auditory and Vestibular Systems

Amy L. Pittman, MD

Assistant Professor
Department of Otolaryngology–Head and Neck Surgery
Loyola University Health Center
Chicago, Illinois

64. Regional Flaps and Free Tissue Transfer

Dennis S. Poe, MD, FACS

Associate Professor of Otology and Laryngology
Department of Otorhinolaryngology
Harvard Medical School
Boston Children’s Hospital
Boston, Massachusetts

15. Eustachian Tube Dysfunction

David M. Poetker, MD, MA

Associate Professor, Division of Rhinology and Sinus Surgery
Department of Otolaryngology and Communication Sciences
Residency Program Director
Medical College of Wisconsin
Milwaukee, Wisconsin

42. Etiology of Infectious Diseases of the Upper Respiratory Tract

Gregory N. Postma, MD

Professor and Vice Chairman
Center for Voice, Airway and Swallowing Disorders
Department of Otolaryngology
Medical College of Georgia
Augusta, Georgia

97. Esophagology

Alkis J. Psaltis, PhD

Head of Department of Otolaryngology–Head and Neck Surgery
The Queen Elizabeth Hospital Adelaide, South Australia
Senior Lecturer Department of Surgery
University of Adelaide,
Adelaide, South Australia

37. Anatomy and Physiology of the Nose and Paranasal Sinuses

Patricia Purcell, MD, FAAP

Department of Otolaryngology–Head and Neck Surgery
University of Washington School of Medicine
Seattle, Washington

79. Speech and Resonance Disorders in Children

Vito C. Quatela, MD

Clinical Associate Professor, Department of Otolaryngology
University of Rochester Medical Center
Rochester, New York

58. Rejuvenation of the Upper and Mid-face