

ARCHIVES

OF

OTOLARYNGOLOGY- HEAD & NECK SURGERY

JAN 2005

VOLUME 131, NUMBER 1

PAGES 1-88

AMERICAN HEAD AND NECK SOCIETY NEWS

- News From the Annual Meeting of the American Head and Neck Society** 9

ORIGINAL ARTICLES

- Molecular Profiling of Tumor Progression in Head and Neck Cancer** 10

Thomas J. Belbin, PhD;
Bhuvanesh Singh, MD;
Richard V. Smith, MD;
Nicholas D. Socci, PhD;
Volkert B. Wreesmann, PhD;
Marta Sanchez-Carbayo, PhD;
Jessica Masterson, MD;
Snehal Patel, MD;
Carlos Cordon-Cardo, MD, PhD;
Michael B. Prystowsky, MD, PhD;
Geoffrey Childs, PhD

- Cost Comparison of Surgery vs Organ Preservation for Laryngeal Cancer** 21

Greg E. Davis, MD, MPH;
Seth R. Schwartz, MD, MPH;
David L. Veenstra, PharmD, PhD;
Bevan Yueh, MD, MPH

- Comorbidity as a Major Risk Factor for Mortality and Complications in Head and Neck Surgery** 27

Marciano B. Ferrier, MD;
Emiel B. Spuesens;
Saskia Le Cessie, PhD;
Robert J. Baatenburg de Jong, PhD

- Sentinel Lymph Node Biopsy in N0 Squamous Cell Carcinoma of the Oral Cavity and Oropharynx** 34

Robert D. Hart, MD; Joseph G. Nasser, MD, DDS;
Jonathan R. Trites, MD; S. Mark Taylor, MD;
Martin Bullock, MD; David Barnes, MD

- Abnormal Mesenchymal Differentiation in the Superior Semicircular Canal of *Brn4/Pou3f4* Knockout Mice** 41

Steven E. Sobol, MD, MSc;
Xiuyin Teng, MSc;
E. Bryan Crenshaw III, PhD

CLINICAL NOTE

- Vestibular Toxic Effects Induced by Once-Daily Aminoglycoside Therapy** 46

Shireesha Dhanireddy, MD;
W. Conrad Liles, MD, PhD;
George A. Gates, MD

ORIGINAL ARTICLES

- A Parallel Group Analysis of Tonsillectomy Using the Harmonic Scalpel vs Electrocautery** 49

Kevin L. Potts, MD;
Adam Augenstein, BS;
Julie L. Goldman, MD

- Child Behavior and Quality of Life in Pediatric Obstructive Sleep Apnea** 52

Khoa D. Tran, MD;
Cuong D. Nguyen, BA;
Jeremy Weedon, PhD;
Nira A. Goldstein, MD

CLINICAL NOTES

- Airway Management in Conjoined Twins: A Rare Indication for the EXIT Procedure** 58

Kathryn Ossowski, BS;
Dana L. Suskind, MD

- Endovascular Treatment of a Petrous Internal Carotid Artery Aneurysm With Hemotympanum and Epistaxis Using a Coronary Stent and Detachable Platinum Coils: Report of a Case** 61

Michael Horowitz, MD;
Elad Levy, MD;
Bridget Hathaway, MD;
Tudor Jovin, MD;
Barry Hirsch, MD

- Gefitinib Therapy for Life-Threatening Laryngeal Papillomatosis** 64

Bruce Bostrom, MD;
James Sidman, MD;
Stephen Marker, MD;
Timothy Lander, MD;
Dennis Drehner, DO

CLINICAL CHALLENGES IN OTOLARYNGOLOGY

Nonsurgical Management of Pediatric Vocal Fold Nodules <i>Daniel L. Wohl, MD</i>	68
Medical Treatment of Pediatric Voice Disorders <i>George H. Zalzal, MD</i>	71
Management of Pediatric Voice Disorders <i>Ralph F. Wetmore, MD</i>	72

CLINICAL PROBLEM SOLVING: RADIOLOGY

Radiology Quiz Case 1 <i>Ahmet Emre Süslü, MD; Çağdaş Elsürer, MD; Ömer Faruk Ünal, MD</i>	73
Radiology Quiz Case 2 <i>Floriana S. Luppino, MD; Frank A. Pameijer, MD, PhD; Alfons J. M. Balm, MD, PhD</i>	74
Radiology Quiz Case 3 <i>Diana Smith, BS; Jeffrey Neal, MD; Zoran Rumboldt, MD; M. Boyd Gillespie, MD</i>	75
Radiology Quiz Case 4 <i>Hsieh-Pu Hsieh, MD; Po-Wen Cheng, MD; Chien-Chen Tsai, MD</i>	76

CLINICAL PROBLEM SOLVING: PATHOLOGY

Pathology Quiz Case <i>Brian J. Chung, MD; Colleen S. Embi, MD; Klaus Sellheyer, MD; Paul R. Krakovitz, MD</i>	81
--	----

REGULAR DEPARTMENTS

Online CME Article	34
Announcement	67
Classified Advertising	84
Journal Advertiser Index	86
Contact Information	88

Instructions for Authors are available on our Web site at www.archoto.com. If you are unable to access the Web, contact the editorial office at (404) 778-2322.

About the Cover

Photographer: Adam M. Klein, MD, Boston, Mass. These rolling rapids were captured with a Nikon N-65 camera while Dr Klein was on his honeymoon in the fjordlands of New Zealand.