

# ARCHIVES

OF

## OTOLARYNGOLOGY- HEAD & NECK SURGERY

JULY 2007

VOLUME 133, NUMBER 7

PAGES 633-736

### ORIGINAL ARTICLES

**Do All Cancers Need to Be Treated? The Role of Thyroglobulin in the Management of Thyroid Cancer: The 2006 Hayes Martin Lecture** 639  
*Keith S. Heller, MD*

**Extrathyroidal Extension in Well-Differentiated Thyroid Cancer: Macroscopic vs Microscopic as a Predictor of Outcome** 644  
*Amanda Hu, MD; Jonathan Clark, MBBS, BSc, FRACS; Richard J. Payne, MD, MSc, FRCSC; Spiro Eski, MD; Paul G. Walfish, MD, FRCPC; Jeremy L. Freeman, MD, FRCSC*

**Effectiveness of Olfactory Rehabilitation With the Nasal Airflow-Inducing Maneuver After Total Laryngectomy: One-Year Follow-up Study** 650  
*Birgit Risberg-Berlin, SLP; Riitta Ylitalo Möller, MD, PhD; Caterina Finizia, MD, PhD*

**Systematic Review of the Platysma Myocutaneous Flap for Head and Neck Reconstruction** 655  
*Jacek Szudek, MD, PhD; S. Mark Taylor, MD*

**Parapharyngeal Space Schwannomas: Preoperative Imaging Determination of the Nerve of Origin** 662  
*David M. Saito, MD; Christine M. Glastonbury, MD; Ivan H. El-Sayed, MD; David W. Eisele, MD*

**Gustatory Function After Tonsillectomy** 668  
*Christian A. Mueller, MD; Saher Khatib; Basile N. Landis, MD; Andreas F. P. Temmel, MD; Thomas Hummel, MD*

**Airway Pathologic Abnormalities in Symptomatic Children With Congenital Cardiac and Vascular Disease** 672  
*Jennifer P. Guillemaud, BSc; Hamdy El-Hakim, FRCS(Ed), FRCS(ORL); Susan Richards, RN, BScN, MN(c), NPI; Nitin Chauhan, BSc, MD*

**Functional Magnetic Resonance Imaging of Hearing-Impaired Children Under Sedation Before Cochlear Implantation** 677  
*Ankur M. Patel, DO; Lisa D. Cahill, MA, CCC-A; Jennifer Ret, MS; Vincent Schmithorst, PhD; Daniel Choo, MD; Scott Holland, PhD*

**An Epigenetically Derived Monoclonal Origin for Recurrent Respiratory Papillomatosis** 684  
*Josena Kunjoonju Stephen, MD; Lori E. Vaught, MD; Kang Mei Chen, MD; Veena Shah, MD; Vanessa G. Schweitzer, MD; Glendon Gardner, MD; Michael S. Benninger, MD; Maria J. Worsham, PhD*

**Expression of Prostaglandin D<sub>2</sub> Synthase in Activated Eosinophils in Nasal Polyps** 693  
*Sawako Hyo, MD; Ryo Kawata, MD; Keiichi Kadoyama, PhD; Naomi Eguchi, PhD; Takahiro Kubota, PhD; Hiroshi Takenaka, MD; Yoshihiro Urade, PhD*

**Total IgE Levels and Peripheral Eosinophilia: Correlation With Mucosal Disease Based on Computed Tomographic Imaging of the Paranasal Sinus** 701  
*Sheri A. Poznanovic, MD; Todd T. Kingdom, MD*

**Proinflammatory Cytokine Single Nucleotide Polymorphisms in Nasal Polyposis** 705  
*Selim S. Erbek, MD; Erkan Yurtcu, PhD; Seyra Erbek, MD; F. Belgin Atac, PhD; Feride I. Sahin, MD, PhD; Ozcan Cakmak, MD*

**Chronic Sphenoid Sinusitis Revisited: Comparison of Multidetector Axial Sections, Multiplanar Reconstructions, and Virtual Sinoscopy With Endoscopic Sinus Surgery** 710  
*Baphiralyne Wankhar, MD; J. Rajiv Bapuraj, MD; Ashok K. Gupta, MD; Niranjan Khandelwal, MD; Akshay Kumar Saxena, MD; Prem Padeep Batchala, MD; Dheeraj Gandhi, MD*

### CLINICAL NOTES

**Adenocarcinoma Arising in a Lingual Foregut Duplication Cyst** 717  
*Japa Volchok, DO; Azul Jaffer, MD; Teri Cooper, MD; Ahmad Al-Sabbagh, MD; Giulio Cavalli, MD*

**Preservation of Vestibular Evoked Myogenic Potentials With Modified Translabyrinthine Approach** 720  
*Giuseppe Magliulo, MD; Donato Parrotto, MD; Giuseppe Cuiuli, MD; Francesca Romana Alla, MD; Mario Gagliardi, MD*

**CLINICAL PROBLEM SOLVING: RADIOLOGY**

**Radiology Quiz Case 1** 724  
Rupali N. Shah, BS, BA;  
Shatul L. Parikh, MD;  
Michael M. Johns III, MD

**Radiology Quiz Case 2** 725  
Wojciech K. Mydlarz, BS;  
Murugappan Ramanathan Jr, MD;  
Nafi Aygun, MD;  
Ralph P. Tufano, MD

**CLINICAL PROBLEM SOLVING: PATHOLOGY**

**Pathology Quiz Case 1** 728  
Andrew M. Compton, BA;  
Michael Hoa, MD;  
Mousa Al-Abbad, MD;  
John H. Krouse, MD, PhD

**Pathology Quiz Case 2** 729  
David G. Lott, MD;  
James R. Cook, MD, PhD;  
Robert R. Lorenz, MD

**CORRECTION**

**Error in Byline in: Graded Carbon Dioxide Laser-Induced Subglottic Injury in the Rabbit Model** 683  
J. Brett Chafin, MD; Vlad C. Sandulache, PhD;  
Joshua L. Dunklebarger, MD; Todd D. Otteson, MD;  
Paul [J.] Hoffmann, BS; Patricia A. Hebda, PhD;  
Joseph E. Dohar, MD, MS

**REGULAR DEPARTMENTS**

**Online CME Article** 662  
**Classified Advertising** 732  
**Journal Advertiser Index** 734  
**Contact Information** 736

**Instructions for authors and the author and subject indexes are available on our Web site at [www.archoto.com](http://www.archoto.com). If you are unable to access the Web, contact the editorial office at (434) 960-9202 or 9203 or 9204.**

**About the Cover**

Photographer: Jay F. Piccirillo, MD, St Louis, Missouri. This photograph of Lake McDonald, the largest lake in Glacier National Park, was taken during a June 2000 family vacation.