

## COMMENTARY

## Counseling the Patient With Tinnitus

Robert Sweetow, PhD, San Francisco ..... 283

## ORIGINAL ARTICLES

## Chemotherapy for Aggressive Juvenile Nasopharyngeal Angiofibroma

Helmuth Goepfert, MD; Ayten Cangir, MD; Ya-Yen Lee, MD, Houston ..... 285

## Infections of the Nose and Paranasal Sinuses in Adult Patients

## With Immunodeficiency

Göran Karlsson, MD; Björn Petruson, MD, PhD;  
Janne Björkander, MD; Lars Å. Hanson, MD, PhD, Göteborg, Sweden ..... 290

## Olfactory Marker Protein in the Human Olfactory Pathway

Tadashi Nakashima, MD; Charles P. Kimmelman, MD;  
James B. Snow, Jr, MD, Philadelphia ..... 294

Lidocaine Plasma Concentrations Following Administration of  
Intraoral Lidocaine Solution

David J. Greenblatt, MD, Boston; David M. Benjamin, PhD, Worcester, Mass;  
Christopher R. Willis, Jerold S. Hartz, Boston;  
Miguel A. Zinny, MD, Needham, Mass ..... 298

Endolymphatic Hydrops in Guinea Pigs After Cauterizing the  
Sac With Silver Nitrate

Yoshiro Yazawa, MD, Otsu, Japan; John J. Shea, MD, Memphis;  
Masaaki Kitahara, MD, Otsu, Japan ..... 301

## Eustachian Tube Function in the Chinchilla

William J. Doyle, PhD, Pittsburgh ..... 305

## Auditory Evoked Potential Alterations Induced by Pulsed Ultrasound

Pamela J. Moore, PhD; M. L. Pernoll, MD, FACOG;  
Charles H. Norris, PhD; John J. Shea III, MD;  
Christopher N. Barrilleaux, MD; Harold G. Tabb, MD, New Orleans ..... 309

Brain-Stem Evoked Response Waveform Variation Associated  
With Recurrent Otitis Media

Martin L. Lenhardt, PhD; Fred T. Shaia, MD; Esrafil Abedi, MD, Richmond, Va ..... 315

## Prostaglandins and Other Metabolites of Arachidonic Acid

Michael D. Poole, MD, Harold C. Pillsbury III, MD, Chapel Hill, NC ..... 317

Treatment and Prognosis of Mucoepidermoid Carcinoma in the  
Pediatric Age Group

John Conley, MD, New York, P. Plez Tinsley, Jr, MD, Meridian, Miss ..... 322

## The Forehead Lift

Peter A. Adamson, MD, Toronto; Calvin M. Johnson, Jr, MD;  
Jack R. Anderson, MD; Charles L. Dupin, MD, New Orleans ..... 325

## Extended Palatal Island Mucoperiosteal Flap

Patrick J. Gullane, MD, Toronto, Sebastian Arena, MD, Pittsburgh ..... 330

## CLINICAL NOTES

## Intranasal Dermal Analogue Tumor (Membranous Basal Cell Adenoma)

Richard J. Zarbo, MD, DMD; Andrew Ricci, Jr, MD;  
Pamela D. H. Kowalczyk, MD; Richard W. Cartun, MS;  
David R. Knibbs, Hartford, Conn ..... 333

## Atypical Facial Pain and Orbital Cancer

Tibor Ruff, MD; Armando Lenis, MD; Jaime A. Diaz, MD, Temple, Tex ..... 338

## Tracheal Carcinoma Presenting as a Thyroid Cyst

Angelica C. Vitug, MD; Richard A. Lopchinsky, MD; Sundara Sridhar, MD;  
Mary F. Wheeler, MD; Joel M. Goldman, MD, Brooklyn, NY ..... 340

## Dysphagia as the Presenting Symptom of Tetanus

Louis Wang, MD, Collin S. Karmody, MD, Boston ..... 342

## Acute Deafness

Troy H. Guthrie, Jr, MD, Lawrence Gynther, MD, Augusta, Ga ..... 344

## REGULAR DEPARTMENTS

Resident's Page ..... 346

Letters to the Editor ..... 349

Books ..... 350

New Books ..... 350

News and Comment ..... 350

Instructions for Authors ..... 9

Index to Advertisers ..... 44

Copyright © 1985 by the  
AMERICAN MEDICAL ASSOCIATION

Official Publication for American Academy of  
Facial Plastic and Reconstructive Surgery, Inc.,  
and American Society for Head and Neck Surgery

THE ARCHIVES OF OTOLARYNGOLOGY (ISSN-  
0003-9977) is published monthly by the American  
Medical Association, 535 N Dearborn St, Chicago, IL  
60610, and is an official publication of the Association.  
Second-class postage paid at Chicago, IL  
60610 and at additional mailing office.

CHANGE OF ADDRESS—POSTMASTER, send all  
address changes to Caryl L. Wertheimer, Director of  
Fulfillment, 535 N Dearborn St, Chicago, IL 60610.  
Notification of address change must be made at  
least six weeks in advance, include both old and new  
addresses, a recent mailing label, and your new zip  
code.

SUBSCRIPTION RATES—The subscription rates  
for the ARCHIVES OF OTOLARYNGOLOGY are as  
follows: for members of the AMA, \$1.50 included in  
the annual membership dues; for nonmembers, \$40  
for one year, \$72 for two years in the United States  
and US possessions; all other countries, one year,  
\$50; two years, \$92 (add \$10 surcharge to each  
one-year subscription, \$20 for two years for air  
delivery to the United Kingdom and Europe only).  
Special yearly rates to residents and medical stu-  
dents in the United States and US possessions, one  
year, \$20; two years, \$36. Rates for subscriptions  
for delivery to Bangladesh, India, Japan, Nepal,  
South Korea, and Sri Lanka are available through  
respective exclusive agents. Address all subscription  
communications to the American Medical Association,  
Circulation and Fulfillment Division, 535 N Dear-  
born St, Chicago, IL 60610. Phone: (312) 280-  
7154.

ADVERTISING OFFICES: Eastern: 600 Third Ave,  
Suite 700, New York, NY 10016 (Manager: Robert  
C. Corcoran [212-867-6640]; Representatives:  
John L. Reeves); Midwest/Farwest: 535 N Dear-  
born St, Chicago, IL 60610 (Manager: Thomas J.  
Carroll [312-280-7190]; Representatives: John P.  
Cahill, Midwest; Kenneth H. Jones, Farwest)

ADVERTISING PRINCIPLES: Each advertisement in  
this issue has been reviewed and complies with the  
principles governing advertising in AMA scientific  
publications. A copy of these principles is available  
on request. The appearance of advertising in AMA  
publications is not an AMA guarantee or endorse-  
ment of the product of the claims made for the  
product by the manufacturer.