

**ORIGINAL ARTICLES**

**Frontal Sinus Fractures**

Arndt J. Duvall III, MD; Dennis P. Porto, MD;  
 Dean Lyons, MD; Lawrence R. Boies, Jr, MD, Minneapolis ..... 933

**The Natural History, Pathogenesis, and Treatment of Juvenile Angiofibroma**

Donald F. N. Harrison, MD, London ..... 936

**Minicomposite Graft for Nasal Alar Revision**

Frank M. Kamer, MD, Los Angeles, Sherry Ann McQuown, MD, Portland, Ore ..... 943

**Effects of Pentoxifylline on Experimental Skin Flap Survival**

Richard S. Hodgson, MD; Robert E. Brummett, PhD;  
 Ted A. Cook, MD, Portland, Ore ..... 950

**Experimental Freeze-Dried Microarterial Allografts in Rabbits**

Michael F. Pratt, MD, James R. Schneider, MD, San Diego;  
 Frank R. Galey, PhD, Los Angeles ..... 953

**The Clinical Significance of the Various Anastomotic Branches of the Facial Nerve**

Alfred D. Katz, MD, Peter Catalano, MD, Los Angeles ..... 959

**Autologous Fibrin Tissue Adhesive for Peripheral Nerve Anastomosis**

Marc D. Feldman, MD; Robert Thayer Sataloff, MD, DMA;  
 Gordon Epstein, MD; Samir K. Ballas, MD, Philadelphia ..... 963

**Microvascular Anastomoses**

Marvin P. Fried, MD, Erik R. S. Moll, Boston ..... 968

**Malignant External Otitis**

Burt R. Meyers, MD; Meryl H. Mendelson, MD;  
 Simon C. Parisier, MD; Shalom Z. Hirschman, MD, New York ..... 974

**A Clinical Evaluation of Gold-Plated Tubes for Middle-Ear Ventilation**

LCDR Thomas A. Tami, MD, USN, Portsmouth, Va;  
 LCDR Kevin S. Kennedy, MC, USNR, Oakland, Calif;  
 CDR Earl Harley, MC, USN, San Diego ..... 979

**Inhibition by Astemizole of Activity From the Isolated Semicircular Canal**

Charles H. Norris, PhD, New Orleans, Richard T. Jackson, PhD, Atlanta ..... 981

**Treatment of Peritonsillar Abscess**

James R. Spires, MD; Judith J. Owens, MD; Gayle E. Woodson, MD;  
 Robert H. Miller, MD, Houston ..... 984

**CLINICAL NOTES**

**Tissue Expansion in the Treatment of Giant Congenital Melanocytic Nevi**

Michael D. Maves, MD, Iowa City, Rodney P. Lusk, MD, St Louis ..... 987

**Cervical Osteomyelitis**

LCDR Thomas A. Tami, MC, USN, Portsmouth, Va;  
 LCDR J. Kenneth Burkus, MC, USN,  
 CAPT C. Gordon Strom, MC, USN, Oakland, Calif ..... 992

**Intradiploic Epidermoid Cyst of the Sphenoid Wing**

Ann K. White, MD; Herman A. Jenkins, MD; Newton J. Coker, MD, Houston ..... 995

**REGULAR DEPARTMENTS**

**Resident's Page** ..... 1000

**News and Comment** ..... 1004

**Books** ..... 1004

**Letters to the Editor** ..... 1006

**Medical News** ..... 918

**Instructions for Authors** ..... See August 1987 issue, p 802

**Index to Advertisers** ..... 1024

Copyright © 1987 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—HEAD & NECK SURGERY (ISSN-0886-4470) 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—HEAD & NECK SURGERY are as follows: for members of the AMA, \$1.50 included in the annual membership dues; for nonmembers, \$44 for one year, \$79 for two years in the United States and US possessions; all other countries, one year, \$54; two years, \$99 (add \$15 surcharge to each one-year subscription, \$30 for two years for air delivery to the United Kingdom, Europe, Bangladesh, India, Nepal or Sri Lanka). Special yearly rates to residents and medical students in the United States and US possessions, one year, \$22; two years, \$39.50. Rates for subscriptions for delivery to Australia, Japan, New Zealand, or South Korea are available through respective exclusive agents. Address all subscription communications to the American Medical Association, Circulation and Fulfillment Division, 535 N Dearborn 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: Wayne M. Wickman); Midwest/Farwest: 535 N Dearborn 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 endorsement of the product or the claims made for the product by the manufacturer.