Edition to 1	
Editorial Robert J. Shprintzen	••••
Original Articles Comparison of Multi-View Videofluoroscopy and Nasopharyngoscopy in the Assessment of Velopharyngeal Insufficiency	••••
David A. Stringer and Mary Anne Witzel Commentary by M. Leon Skolnick	••••
A Test of Two Midfacial Growth Models Using Path Analysis of Normal Human Fetal Material	
Mark P. Mooney, Michael I. Siegel, Kyle R. Kimes, and John Todhunter Commentary by Alphonse R. Burdi	
Canines Erupted Through Grafted Alveolar Cleft Defects in Patients With Alveolar Clefts: A Pulp Testing Evaluation Study	
Mohamed E. El Deeb, Mahmoud E. El Deeb, Richard R. Bevis, and Olando Gomez-Marin Commentary by Timothy A. Turvey	
Absorbed Doses and Energy Imparted From Radiographic Examination of Velopharyngeal Function During Speech	
Annika İsberg, Per Julin, Thomas Kraepelien, and Carl O. Henrikson Commentary by Saul J. Rakoff	
The Fate of Buccal Mucosal Flaps in Primary Palatal Repair Eric Freedlander and Ian T. Jackson Commentary by Michael L. Lewin	••••
Self-Concept of Early Primary School Age Children With Visible or Invisible Defects Hillary Broder and Ronald P. Strauss Commentary by Lynn C. Richman	••••
Proplast as a Pharyngeal Wall Implant to Correct Velopharyngeal Insufficiency Larry M. Wolford, Mary Oelschlaeger, and Randolph Deal Commentary by Linda L. D'Antonio	••••
Clinical Reports The Use of Videonasopharyngoscopy for Biofeedback Therapy in Adults After Pharyngeal	
Flap Surgery	
Deepithelialized Mucosal-Submucosal Flaps to Correct the "Whistling Lip" Deformity Christine M. Rodgers and John B. Mulliken Commentary by Menachem R. Wexler	••••
OBSERVATIONS Cleft Lip and Palate and Related Disorders: Issues for Future Research of High Priority Hughlett L. Morris and Janusz Bardach Cleft Lip and Palate: New Directions for Research Harold McComb	
RESEARCH REVISITED	••••
ETTERS TO THE EDITOR	
NTERNATIONAL ABSTRACTS	••••
BOOK REVIEWS	••••
ANNOUNCEMENTS	

Copyright ® 1989 The American Cleft Palate-Craniofacial Association, *The Cleft Palate Journal* is a quarterly publication of the American Cleft Palate-Craniofacial Association. It appears in January, April, July, and October and is produced by B.C. Decker Inc, 3228 South Service Road, Burlington, Ontario, Canada L7N 3H8. Second class postage is paid at Pittsburgh, Pennsylvania, and at additional mailing offices.



THE AMERICAN CLEFT PALATE-CRANIOFACIAL ASSOCIATION OFFICERS AND COUNCIL MEMBERS 1987–1988

President

David P. Kuehn, Ph.D. Champaign, Illinois

President-Elect

Alphonse R. Burdi, Ph.D. Ann Arbor, Michigan

Past President

Charles R. Kremenak, D.D.S. Iowa City, Iowa

Vice President

Libby F. Wilson, M.D. Downey, California

Vice President-Elect

Robert M. Mason, Ph.D., D.M.D.

Durham, North Carolina

Treasurer

Ross E. Long Jr., D.M.D., Ph.D. Lancaster, Pennsylvania

Historian

Earl J. Seaver, Ph.D. De Kalb, Illinois

Secretary

Jeffrey L. Marsh, M.D. St. Louis, Missouri

COUNCIL MEMBERS

1989

Patricia A. Landis, M.A. Baltimore, Maryland Karin Vargervik, D.D.S. San Francisco, California 1990

Arthur S. Brown, M.D. Camden, New Jersey Rodger M. Dalston, Ph.D. Chapel Hill, North Carolina 1991

Lynn C. Richman, Ph.D. Iowa City, Iowa

Ronald P. Strauss, D.M.D., Ph.D. Chapel Hill, North Carolina

Ex Officio CPF

Ex Officio Editor

William C. Trier, M.D. Seattle, Washington

Robert J. Shprintzen, Ph.D. Bronx, New York

EXECUTIVE DIRECTOR, AMERICAN CLEFT PALATE—CRANIOFACIAL ASSOCIATION

Nancy C. Smythe Pittsburgh, Pennsylvania

GENERAL INFORMATION FOR SUBSCRIBERS

The Cleft Palate Journal is published quarterly in January, April, July, and October. Manuscripts and related correspondence should be addressed to Robert J. Shprintzen, Ph.D., Editor, The Cleft Palate Journal, Center for Craniofacial Disorders, Montefiore Medical Center, 111 East 210th Street, Bronx, NY 10467. More detailed Instructions for Authors are found inside the back cover.

Material contained in the *Journal* may be reproduced for educational purposes provided that both the author(s) and the *Journal* are appropriately recognized; otherwise, duplication is not permitted. No articles, reports, or portions thereof may be published in books, journals, magazines, or any other print form without written permission from the authors and from the *Journal*.

The subscription rates effective January, 1989 are: individual, \$60.00 and institutions, \$90.00 (U.S. funds) per calendar year for both U.S. and foreign subscribers. There is an optional \$10.00 surcharge for airmail delivery overseas. Single copies are available at \$15.00 per issue.

Bound copies of the current volume will be available in early 1990 to subscribers only. The volumes will be hard-bound in black buckrum, and the *Journal* name, volume number, and year of issue will be stamped in gold on the spine. Orders must be received by the Executive Director before December 1, 1989. The subscription price is \$90.00; add \$20.00 for orders outside the United States.

Subscriptions, changes of address, orders for back copies, and business correspondence should be addressed to Nancy C. Smythe, Executive Director, American Cleft Palate-Craniofacial Association, 1218 Grandview Ave, University of Pittsburgh, Pittsburgh, Pennsylvania 15211. Notice of address changes should be sent at least one month in advance. Subscribers and ACPA members must notify the Post Office that they will guarantee postage for the forwarding of undelivered copies. Other claims for undelivered copies must be filed within one month of the expiration of the subscription year.

AMERICAN CLEFT PALATE—CRANIOFACIAL ASSOCIATION MEMBERSHIP INFORMATION

The *Cleft Palate Journal* is a publication of the American Cleft Palate–Craniofacial Association (ACPA). Organized in 1943, ACPA is an international interdisciplinary organization representing over 1900 professionals. ACPA's mission is to foster:

- 1. Acquisition and dissemination of knowledge about growth, development, diagnosis, and treatment of individuals with craniofacial anomalies
- 2. Optimal clinical services for individuals with craniofacial anomalies
- 3. Communication and cooperation among professionals from all disciplines interested in craniofacial anomalies
- 4. Public understanding of and support for the needs of individuals with craniofacial anomalies.

Professionals interested in the area of habilitation and/or research concerned with the study and treatment of cleft palate and related craniofacial anomalies are invited to apply for membership. Included in the membership fee is a subscription to the *Cleft Palate Journal* as well as a quarterly newsletter, other informational mailings, and discount registration fees to the annual scientific meeting.

For further information about ACPA membership and an application form, contact:

Ms. Bea Kilwein Administrative Aide American Cleft Palate-Craniofacial Association 1218 Grandview Avenue Pittsburgh, PA 15211 (412)481-1376