

# CONTENTS

## EDITORIAL

Hearing Loss and Congenital CMV  
*James Jerger*

## ARTICLES

- Hearing Loss and Congenital Symptomatic Cytomegalovirus Infection: A Case Report of Multidisciplinary Longitudinal Assessment and Intervention ..... 57  
*Faye P. McCollister, L. Clark Simpson, Arthur J. Dahle, Robert F. Pass, Karen B. Fowler, Catherine S. Amos, Thomas J. Boll*
- Within-subject Comparison of Speech Perception Benefits for Congenitally Deaf Adolescents with an Electrotactile Speech Processor and a Cochlear Implant ..... 63  
*Julia Sarant, Robert Cowan, Peter Blamey, Karyn Galvin, Graeme Clark*
- Large Vestibular Aqueduct Syndrome: A Tutorial and Three Case Studies ..... 71  
*L. Clarke Cox, C. Bruce MacDonald*
- Effects of Exam Procedures on Transient Evoked Otoacoustic Emissions (TEOAEs) in Neonates ..... 77  
*Betty R. Vohr, Karl R. White, Antonia Brancia Maxon*
- Effects of Age, Signal Level, and Signal Rate on the Auditory Middle Latency Response .. 83  
*Denise A. Tucker, Roger A. Ruth*
- Selecting Different Amplification for Different Listening Conditions ..... 92  
*Gitte Keidser*
- Using Naturally Produced Speech to Elicit the Mismatch Negativity ..... 105  
*Sharon A. Sandridge, Arthur Boothroyd*
- Development of a Hearing Performance Standard for Law Enforcement Officers ..... 113  
*Jerry L. Punch, Dale O. Robinson, David F. Katt*
- Comparison of Acoustic Immittance Measures Obtained With Different Commercial Instruments ..... 120  
*Albert R. De Chicchis, Robert J. Nozza*
- Evaluation of a Maximum Likelihood Procedure for Measuring Pure-tone Thresholds Under Computer Control ..... 125  
*Craig Formby, LaGuinne P. Sherlock, David M. Green*
- An In-situ Calibration Procedure for Click Stimuli ..... 130  
*Mark E. Chertoff, Jiashu Chen*

## LETTERS TO THE EDITOR

- Real-Ear Sound Pressure Level ..... 137  
*D. Zelisko, R. Seewald, J.P. Gagné*
- Response to Zelisko et al ..... 138  
*Michael Valente*
- Noise Control/Hearing Conservation ..... 139  
*Lawrence I. Shotland*

The *Journal of the American Academy of Audiology* (ISSN 1050-0545) is published bimonthly in February, April, June, August, October and December by Decker Periodicals, 4 Hughson Street South, P.O. Box 620, L.C.D.1, Hamilton, Ontario, Canada L8N 3K7. Second class postage is paid at Arlington, VA, and additional mailing offices. The 1996 annual subscription prices in the US and Canada are: \$145.00 for libraries and institutions and \$105.00 for physicians. Elsewhere: \$175.00 and \$140.00 respectively. Single issues are available for \$30.00. All prices are in \$US. For subscription inquiries, telephone Decker Periodicals, (905) 522-7017, 1-800-568-7281, or fax (905) 522-7839. POSTMASTER: Send changes of address to: *Journal of the American Academy of Audiology*, Decker Periodicals, P.O. Box 785, Lewiston, NY 14092-0785. Copies not received will be replaced with written notification to the Publisher. Notification must be received within three (3) months of issue date for US subscribers, six (6) months of issue date outside the United States. Duplicate copies will not be sent to replace those undelivered through failure to notify the publisher of change of address.

The *Journal of the American Academy of Audiology* is indexed in *Index Medicus* and included in MEDLINE on the MEDLARS system.

Advertising Representative: Terry Pitz, 4 Hughson Street South, P.O. Box 620, L.C.D. 1, Hamilton, Ontario, Canada, L8N 3K7. Tel: (905) 522-7017; Fax: (905) 522-7839; in Canada and U.S.: (800) 568-7281.

Publication of an advertisement in the *Journal* does not constitute a guarantee or endorsement of the quality or value of the product or service described therein or of any of the representations or claims made by the advertiser with respect to such product or service.

Reprints in quantities over 100 may be ordered from The Sheridan Press, Reprint Department, 450 Fame Avenue, Hanover, PA 17331. Telephone (717) 632-3535.

For rights and permission, contact James Jerger, Editor-in-Chief, *Journal of the American Academy of Audiology*, NSC, NA200, 6565 Fannin, Houston, TX 77030. Please allow 4 weeks for processing of permission requests.

© 1996 by the American Academy of Audiology. All rights reserved.