INDEX TO VOLUME 45, 1980

AUTHOR INDEX

Adams, Martin R., Letter: Response to Azrin et al. 425.

Anderson, Jack D., Robert Hess, and Kathleen Richardson, Test-Retest Reliability of the Test for Auditory Comprehension of Language When It Is Used with Mentally Retarded Children. 195-199.

Andrews, Gavin, Barry Guitar, and Pauline Howie, Meta-Analysis of the Effects of Stuttering Treatment. 287-307.

Antablin, June K. (see Wilson, Richard H.)

Ashby, Jon K., Letter: De Aurium Doloris et Vitium Curis or Concerning the Care of Pain and Troubles of the Ears. 424.

Asp, Carl W. (see Shadden, Barbara B.)

Azrin, N. H., R. Gregory, and Sharmon E. Frantz, Letter: Reply to Johnson. 427.

Bachman, Glenda Gale, Letter: An Investigation into the Prevalence of Stuttering among the Laryngectomized. 564.

Bacon, Mary and Virginia I. Wolfe, Letter: Response to Zwitman. 568.

Bashir, Anthony S. (see Shane, Howard C.)

Beck, Edwin L. (see Punch, Jerry L.)

Bell, Dorothy M. (see Norris, Marylee)

Beukelman, David R. (see Yorkston, Kathryn M.)

Bligh, Sally (see Kupperman, Phyllis)

Bloch, Judith, Elayne Gersten, and Susan Kornblum, Evaluation of a Language Program for Young Autistic Children. 76-89.

Blood, Gordon W. (see Danhauer, Jeffrey L.)

Blood, Ingrid M. (see Danhauer, Jeffrey L.)

Brown, Heather (see Leonard, Laurence B.)

Bryans, Bonnie, James McNutt, and André Roch Lecours, A Binary Articulatory Production Classification of English Consonants with Derived Difference Measures. 346-356.

Carpenter, Mary A. (see Tait, Nancy Adkins)

Coleman, Colette L., Albert M. Cook, and Lawrence S. Meyers, Assessing Non-Oral Clients for Assistive Communication Devices. 515-527.

Cook, Albert M. (see Coleman, Colette L.)

Cottrell, Ann W., Jim Montague, Joel Farb, and John M. Throne, An Operant Procedure for Improving Vocabulary Definition Performances in Developmentally Delayed Children. 90-102.

Culatta, Richard A. (see Dworkin, James P.)

Danhauer, Jeffrey L., Gordon W. Blood, Ingrid M. Blood, and Nancy Gomez, Professional and Lay Observers' Impressions of Preschoolers Wearing Hearing Aids. 415-422.

Deloche, Gérard (see Seron, Xavier)

Dworkin, James P., Characteristics of Frontal Lispers Clustered According to Severity. 37-44.

Dworkin, James P. and Richard A. Culatta, Tongue Strength: Its Relationship to Tongue Thrusting, Open-Bite, and Articulatory Proficiency. 277-282.

Erber, Norman P., Use of Auditory Numbers Test to Evaluate Speech Perception Abilities of Hearing Impaired Children. 527-532.

Farb, Joel (see Cottrell, Ann W.)

Fletcher, Samuel G. and Jerry M. Higgins, Performance of Children with Severe to Profound Auditory Impairment in Instrumentally Guided Reduction of Nasal Resonance. 18I-194.

Folger, M. Karen (see Schwartz, Richard G.)

Frantz, Sharmon E. (see Azrin, N. H.)

Freeman, Barry A., J. Stephen Sinclair, and Donald E. Riggs, Electroacoustic Performance Characteristics of FM Auditory Trainers. 16-26.

Fristoe, Macalyne and Lyle L. Lloyd, Planning an Initial Sign Lexicon for Persons with Severe Communication Impairment. 170-180.

Gandour, Jack, Letter: Speech Therapy and Teaching English to Speakers of Other Languages. 133-136.

Gersten, Elayne (see Bloch, Judith)

Glazer, Diane C., Audiologic Management of Head and Neck Carcinoma Patients. 216-222.

Goldbaum, Diane Edwards (see Schow, Ronald L.)

Gomez, Nancy (see Danhauer, Jeffrey L.)

Goodban, Marjorie (see Kupperman, Phyllis) Guitar, Barry (see Andrews, Gavin)

 Hagerman, Évelyn L. (see Love, Russell J.)
 Hanson, Wayne R. and E. Jeffrey Metter, DAF as Instrumental Treatment for Dysarthria in Progressive Supranuclear Palsy: A Case Report. 268-276.

Harden, Joyce R. (see Norris, Marylee)

Hawkins, David B., Loudness Discomfort Levels: A Clinical Procedure for Hearing Aid Evaluations. 3-15.

Hess, Robert (see Anderson, Jack D.)

Higgins, Jerry M. (see Fletcher, Samuel G.)

Howie, Pauline (see Andrews, Gavin)

Johnson, Linda, Letter: Response to Azrin et al. 426.

Jones, Frederica R. (see McFarland, William H.)

Kertesz, Andrew (see Shewan, Cynthia M.)

Klee, Thomas M. (see Ratusnik, David L.)

Kornblum, Susan (see Bloch, Judith)

Kupperman, Phyllis, Sally Bligh, and Marjorie Goodban, Activating Articulation Skills through Theraplay. 540-548.

Landin, Deborah P. (see Van Tasell, Dianne J.)

Lecours, André Roch (see Bryans, Bonnie)

Leonard, Laurence B., Judith A. Miller, and Heather Brown, Consonant and Syllable Harmony in the Speech of Language-Disordered Children. 336-345.

Leonard, Laurence B. (see Schwartz, Richard G.)

Lilly, David J. (see Wiley, Terry L.)

Lloyd, Lyle L. (see Fristoe, Macalyne)

Locke, John L., The Inference of Speech Perception in the Phonologically Disordered Child. Part I: A Rationale, Some Criteria, the Conventional Tests. 431-444.

Locke, John L., The Inference of Speech Perception in the Phonologically Disordered Child. Part II: Some Clinically Novel Procedures, Their Use, Some Findings. 445-468.

Love, Russell J., Evelyn L. Hagerman, and Elaine G. Taimi, Letter: Reply to Sheppard. 566-567.

Love, Russell J., Evelyn L. Hagerman, and Elaine G. Taimi, Speech Performance, Dysphagia, and Oral Reflexes in Cerebral Palsy. 59-75.

Lucas, Ellyn, Letter: A Response to Prutting. 136.

Mason, David (see Shadden, Barbara B.)

Mason, Robert M. and Donald W. Warren, Adenoid Involution and Developing Hypernasality in Cleft Palate. 469-480.

McFarland, William H., F. Blair Simmons, and Frederica R. Jones, An Automated Hearing Screening Technique for Newborns. 495-503.

McNutt, James (see Bryans, Bonnie)

Metter, E. Jeffrey (see Hanson, Wayne R.)

Meyers, Lawrence S. (see Coleman, Colette L.)

Michel, John F. (see Tait, Nancy Adkins)

Miller, Judith A. (see Leonard, Laurence B.)

Miltenberger, Gerald, Letter: Reply to Poulton and Poulton. 424.

Montague, Jim (see Cottrell, Ann W.)

Moulard, Geneviève (see Seron, Xavier)

Mueller, Kathleen (see Wilson, Frank B.)

Mueller, Peter (see Shipp, Thomas)

Nelson, Lauren K. and Marcia Weber-Olsen, The Elicited Language Inventory and the Influence of Contextual Cues. 549-565.

Nerbonne, Michael A. (see Schow, Ronald E.)

Norris, Marylee, Joyce R. Harden, and Dorothy M. Bell, Listener Agreement on Articulation Errors of Four-and Five-Year-Old Children. 378-389.

Nunn, R. Gregory (see Azrin, N. H.)

Orchik, Daniel J. and Norma Roddy, The SSI and NU6 in Clinical Hearing Aid Evaluation. 40I-407.

Oldring, D. J. (see Wilson, Frank B.)

Poulton, Karen T. and Thomas J. Poulton, Letter: Further Stipulations in Evaluating Decompression Sickness. 423.

Poulton, Thomas J. (see Poulton, Karen T.)

Prutting, Carol A., Letter: In Reply to Ellyn Lucas. 137.

Punch, Jerry L. and Edwin L. Beck, Low-Frequency Response of Hearing Aids and Judgements

of Aided Speech Quality. 325-335.

Ratusnik, Carol Melnik (see Ratusnik, David L.)

Ratusnik, David L., Thomas M. Klee, and Carol Melnik Ratusnik, Northwestern Syntax Screening Test: A Short Form. 200-208.

Reed, Charles G., Voice Therapy: A Need for Research. 157-169.

Richardson, Kathleen (see Anderson, Jack D.)

Riggs, Donald E. (see Freeman, Barry A.)

Riley, Glyndon D. and Jeanna Riley, Motoric and Linguistic Variables among Children Who Stutter: A Factor Analysis. 504-514.

Riley, Jeanna (see Riley, Glyndon D.)

Roddy, Norma (see Orchik, Daniel J.)

Rousselle, Martine (see Seron, Xavier)

Schow, Ronald L. and Diane Edwards Goldbaum, Collapsed Ear Canals in the Nursing Home Population. 259-267.

Schow, Ronald L. and Michael A. Nerbonne, Hearing Levels among Elderly Nursing Home Residents. 124-132. (Erratum, 283.)

Schwartz, Richard G., Laurence B. Leonard, M. Karen Folger, and M. Jeanne Wilcox, Early Phonological Behavior in Normal-Speaking and Language-Disordered Children: Evidence for a Synergistic View of Linguistic Disorders. 357-377.

Seron, Xavier, Gerard Deloche, Geneviève Moulard, and Martine Rouselle, A Computer-Based Therapy for the Treatment of Aphasic Subjects with Writing Disorders. 45-58.

Shadden, Barbara B., Carl W. Asp, John D. Tonkovich, and David Mason, Imitation of Suprasegmental Patterns by Five-Year-Old Children with Adequate and Inadequate Articulation. 390-400.

Shane, Howard C. and Anthony S. Bashir, Election Criteria for the Adoption of an Augmentative Communication System: Preliminary Considerations. 408-414.

Sheppard, Justine Joan, Letter: Reply to Love et al. 565.

Shewan, Cynthia M. and Andrew Kertesz, Reliability and Validity Characteristics of the Western Aphasia Battery (WAB). 302-324.

Shipp, Thomas, Peter Mueller, and Daniel Zwitman, Letter: Intermittent Abductory Dysphonia. 283.

Silverman, Ellen Marie, Communication Attitudes of Women Who Stutter. 533-539.

Silverman, Franklin H., The Stuttering Problem Profile: A Task That Assists Both Client and Clinician in Defining Therapy Goals. 119-123.

Simmons, F. Blair (see McFarland, William H.)

Sinclair, J. Stephen (see Freeman, Barry A.)

Stewart, Susan Roach and Glenn Weybright, Articulation Norms Used by Practicing Speech-Language Pathologists in Oregon: Results of a Survey. 103-111.

Taimi, Elaine G. (see Love, Russell J.)

Tait, Nancy Adkins, John F. Michel, and Mary A. Carpenter, Maximum Duration of Sustained /s/ and /z/ in Children. 239-246.

Telage, Kal M., A Computerized Place-Manner Distinctive Feature Program for Articulation Analyses. 481-494.

Throne, John M. (see Cottrell, Ann W.)

Tonkovich, John D. (see Shadden, Barbara B.)

Van Tasell, Dianne J. and Deborah P. Landin, Frequency Response Characteristics of FM Mini-Loop Trainers. 247-258.

Ventry, Ira M., Effects of Conductive Hearing Loss: Fact or Fiction. 143-156.

Warren, Donald W. (see Mason, Robert M.)

Weber-Olsen, Marcia (see Nelson, Lauren K.)

Weybright, Glenn (see Stewart, Susan Roach)

Wilcox, M. Jeanne (see Schwartz, Richard G.)

Wiley, Terry L. and David J. Lilly, Temporal Characteristics of Auditory Adaptation: A Case Report. 209-215.

Wilson, Frank B., D. J. Oldring, and Kathleen Mueller, Recurrent Laryngeal Nerve Dissection: A Case Report Involving Return of Spastic Dysphonia After Initial Surgery. 112-118. (Erratum, 427.)

Wilson, Richard H. and June K. Antablin, A Picture Identification Task as an Estimate of the Word-Recognition Performance of Non-Verbal Adults. 223-238.

Wolfe, Virginia I. (see Bacon, Mary)

Yorkston, Kathryn M. and David R. Beukelman, An Analysis of Connected Speech Samples of Aphasic and Normal Speakers. 27-36.

Zwitman, Daniel (see Shipp, Thomas)

SUBJECT INDEX

Audiology

Auditory Disorders

Effects of Conductive Hearing Loss: Fact or Fiction (Ira M. Ventry) 143-156.

Auditory Testing

An Automated Hearing Screening Technique for Newborns (William H. McFarland, F. Blair Simmons, and Frederica R. Jones) 495-503.

Collapsed Ear Canals in the Nursing Home Population (Ronald L. Schow and Diane Edwards Goldbaum) 259-267.

Further Stipulations in Evaluating Decompression Sickness (Letter: Karen T. Poulton and Thomas J. Poulton) 423.

Hearing Levels among Elderly Nursing Home Residents (Ronald L. Schow and Michael A. Nerbonne) 124-132. (Erratum, 283.)

Reply to Poulton and Poulton (Letter: Gerald Miltenberger) 424.

Temporal Characteristics of Auditory Adaptation: A Case Report (Terry L. Wiley and David J. Lilly) 209-215.

Use of the Auditory Numbers Test to Evaluate Speech Perception Abilities of Hearing-Impaired Children (Norman P. Erber) 527-532.

Hearing Aids

Electroacoustic Performance Characteristics of FM Auditory Trainers (Barry A. Freeman, J.

Stephen Sinclair, and Donald E. Riggs) 16-26. Frequency Response Characteristics of FM Mini-Loop Auditory Trainers (Dianne J. Van Tasell and Deborah P. Landin) 247-258.

Loudness Discomfort Levels: A Clinical Procedure for Hearing Aid Evaluations (David B. Hawkins) 3-15.

Low-Frequency Response of Hearing Aids and Judgements of Aided Speech Quality (Jerry L. Punch and Edwin L. Beck) 325-335.

Professional and Lay Observers' Impressions of Preschoolers Wearing Hearing Aids (Jeffrey L. Danhauer, Gordon W. Blood, Ingrid M. Blood, and Nancy Gomez) 415-422.

The SSI and NU6 in Clinical Hearing Aid Evaluation (Daniel J. Orchik and Norma Roddy) 401-407.

Rehabilitation

Audiologic Management of Head and Neck Carcinoma Patients (Diane C. Glazer) 216-222.

Other

De Aurium Doloris et Vitium Curis or Concerning the Care of Pain and Troubles of the Ears (Letter: Jon K. Ashby) 444.

Speech Pathology

Aphasia

An Analysis of Conventional Speech Samples of Aphasic and Normal Speakers (Kathryn M. Yorkston and David R. Beukelman) 27-36.

A Computer-Based Therapy for the Treatment of Aphasic Subjects with Writing Disorders (Xavier Serón, Gérard Deloche, Geneviève Moulard, and Martine Rousselle) 45-58.

A Picture Identification Task as an Estimate of the Word-Recognition Performance of Non-Verbal Adults (Richard H. Wilson and June K. Antablin) 223-238.

Reliability and Validity Characteristics of the Western Aphasia Battery (WAB) Cynthia M. Shewan and Andrew Kertesz) 308-324.

Articulation

Activating Articulation Skills Through Theraplay (Phyllis Kupperman, Sally Bligh, and Marjorie Goodban) 540-548.

Articulation Norms Used by Practicing Speech-Language Pathologists in Oregon: Results of a Survey (Susan Roach Stewart and Glenn Weybright) 103-111.

A Binary Articulatory Production Classification of English Consonants with Derived Difference Measures (Bonnie Bryans, James McNutt, and André Roch Lecours) 346-356.

Characteristics of Frontal Lispers Clustered According to Severity (James P. Dworkin) 37-44.

A Computerized Place-Manner Distinctive Feature Program for Articulation Analyses (Kal M. Telage) 481-494.

DAF as Instrumental Treatment for Dysarthria in Progressive Supranuclear Palsy: A Case Report (Wayne R. Hanson and E. Jeffrey Metter) 268-276.

Imitation of Suprasegmental Patterns by Five-Year-Old Children with Adequate and Inadequate Articulation (Barbara B. Shadden, Carl W. Asp, Dorothy M. Tonkovich, and David Mason) 390-400.

Listener Agreement on Articulation Errors of Four- and Five-Year-Old Children (Marylee Norris, Joyce R. Harden, and Dorothy M. Bell) 378-389.

Tongue Strength: Its Relationship to Tongue Thrusting, Open-Bite, and Articulatory Proficiency (James P. Dworkin and Richard A. Culatta) 277-282.

Cerebral Palsy

Reply to Love, et al (Letter: Justine Joan Sheppard) 565.

Reply to Sheppard (Letter: Russell J. Love, Evelyn L. Hagerman, and Elaine G. Taimi) 566-567. Speech Performance, Dysphagia, and Oral Reflexes in Cerebral Palsy (Russell J. Love, Evelyn L. Hagerman, and Elaine G. Taimi) 59-75.

Cleft Palate

Adenoid Involution and Developing Hypernasality in Cleft Palate (Robert M. Mason and Donald W. Warren) 469-480.

Language Delay

Consonant and Syllable Harmony in the Speech of Language-Disordered Children (Laurence B. Leonard, Judith A. Miller, and Heather Brown) 336-345.

Early Phonological Behavior in Normal-Speaking and Language-Disordered Children: Evidence for a Synergistic View of Linguistic Disorders (Richard G. Schwartz, Laurence B. Leonard, M. Karen Folger, and M. Jeanne Wilcox) 357-377.

Evaluation of a Language Program for Young Autistic Children (Judith Bloch, Elayne Gersten, and Susan Kornblum) 76-89.

Mental Retardation

An Operant Procedure for Improving Vocabulary Definition Performances in Developmentally Delayed Children (Ann W. Cottrell, Jim Montague, Joel Farb, and John M. Throne) 90-102.

Test-Retest Reliability of the Test for Auditory Comprehension of Language when It Is Used With Mentally Retarded Children) 195-199.

Stuttering

Communication Attitudes of Women Who Stutter (Ellen Marie Silverman) 533-539.

An Investigation into the Prevalence of Stuttering Among the Laryngectomized (Glenda Gale Bachman) 564.

Meta-Analysis of the Effects of Stuttering Treatment (Gavin Andrews, Barry Guitar, and Pauline Howie) 287-307.

Motoric and Linguistic Variables among Children Who Stutter: A Factor Analysis (Glyndon D. Riley and Jeanna Riley) 504-514.

Reply to Johnson (N. H. Azrin, R. Gregory Nunn, and Sharmon E. Frantz) 427.

Response to Azrin et al (Letter: Martin R. Adams) 425.

Response to Azrin et al (Letter: Linda Johnson) 426.

The Stuttering Problem Profile: A Task that Assists Both Client and Clinician In Defining Therapy Goals (Franklin H. Silverman) 119-123.

Voice

Intermittent Abductory Dysphonia (Letter: Thomas Shipp, Peter Mueller, and Daniel Zwitman) 283.

Maximum Duration of Sustained /s/ and /z/ in Children (Nancy Adkins Tait, John F. Michel, and Mary A. Carpenter) 239-246.

Performance of Children with Severe to Profound Auditory Impairment in Instrumentally Guided Reduction of Nasal Resonance (Samuel G. Fletcher and Jerry M. Higgins) 181-194

Response to Zwitman (Letter: Mary Bacon and Virginia I. Wolfe) 568. Voice Therapy: A Need for Research (Charles G. Reed) 157-169.

Other

Recurrent Laryngeal Nerve Dissection: A Case Report Involving Return of Spastic Dysphonia after Initial Surgery (Frank B. Wilson, D. J. Oldring, and Kathleen Mueller) 112-118. (Erratum, 427.)

Language

Language Development

In Reply to Ellyn Lucas (Letter: Carol A. Prutting) 137. A Response to Prutting (Ellyn Lucas) 136.

Other

The Elicited Language Inventory and the Influence of Contextual Cues (Lauren K. Nelson and Marcia Weber-Olsen) 549-565.

Experimental Phonetics

Perception

The Inference of Speech Perception in the Phonologically Disordered Child. Part 1: A Rationale, Some Criteria, the Conventional Tests (John L. Locke) 431-444.

The Inference of Speech Perception in the Phonologically Disordered Child. Part II: Some Clinically Novel Procedures, Their Use, Some Findings (John L. Locke) 445-468.

General

Diagnostic Principles

Assessing Non-Oral Clients for Assistive Communication Devices (Colette L. Coleman, Albert M. Cook, and Lawrence S. Meyers) 515-527.

Election Criteria for the Adoption of an Augmentative Communication System: Preliminary Considerations (Howard C. Shane and Anthony S. Bashir) 408-414.

Northwestern Syntax Screening Test: A Short Form (David L. Ratusnik, Thomas M. Klee, and Carol Melnik Ratusnik) 200-208.

Speech Therapy and Teaching English to Speakers of Other Languages (Jack Gandour) 133-

Therapeutic Principles

Planning an Initial Expressive Sign Lexicon for Persons with Severe Communication Impairment (Macalyne Fristoe and Lyle L. Lloyd) 170-180.

Information for Authors

Editorial Policies

The Journal of Speech and Hearing Disorders is intended for those interested in disordered speech, language, and hearing, particularly clinicians who provide services to persons with communicative handicaps. Three types of manuscripts are invited: articles, reports, and letters. To insure objectivity all contributions, including Letters to the Editor, are typically reviewed by at least two consultants who have no author identification available to them. The major criteria for judgment are clinical significance of the problem, conformity to standards of evidence, and clarity of writing.

All papers submitted are considered for publication. The author's membership, or lack of it, in ASHA is not a factor in selection. No manuscript that has been published or is under consideration elsewhere should be submitted to the *Journal of Speech and Hearing Disorders*.

Types of Manuscripts

Articles. Articles may be philosophical, conceptual or synthesizing essays on topics of clinical importance. They must reflect highest levels of scholarship in use of evidence and logic. They should be written clearly and precisely.

Reports. Reports pertain to clinical topics of limited scope and will be judged in terms of scientific merit. Typically, they are reports of results of work with samples of sufficient size to permit general statements about a population at large. They can also be single-subject studies that support valid inferences about the nature of communicative disorders. When based on sound research methods, both types of studies can provide clear answers to important clinical questions. Reports may also be case studies that describe new or unusual find-

ings, new insights, or new clinical approaches. An excellent case study can be a powerful tool for formulating important questions and hypotheses.

Manuscripts about tests or other instruments for clinical classification or decision making will be evaluated relative to criteria presented in Standards for Educational and Psychological Tests (American Psychological Association, 1200 Seventeenth Street, N.W., Washington, D.C. 20036). The Journal does not now publish test-manuscripts that do not report validity information. Even with such information new tests reporting standardization data may not be published if they are about to be, or have been, released for commercial distribution. Such information should be included in the test manual. Manuscripts are considered regarding published tests in current clinical use even though they may not have been well validated. Such research has value in providing information about an instrument which increases clinical utility, or highlights shortcomings that can only be corrected by major revision and redevelopment.

Letters. Letters may range from responses to recently published papers to statements of points of view to brief summaries of pilot work. The only limitation concerning letters is that they pertain to communicative disorders, be responsible statements, contribute to knowledge, and be well and concisely written.

Editing

Papers are edited to improve effectiveness of communication. When editing is extensive, with consequent danger of altered meanings, papers are returned to the author for correction and approval. Authors are free to make additional minor changes at this stage. Minimal alterations are also permissible on the galley proofs.

Preparing Manuscripts

Organize your material carefully, putting a statement of the problem first, supporting idetails of argument second. Present each step in terms of the purpose it serves in supporting your finding resolving the problem.

Provide enough details of method and equipment so that another worker can repeat your work, but omit details that are generally known or can be covered by citation of another paper. Use metric units of measure. If measurements were made in English units use metric equivalents.

Avoid specialized jargon and abbreviations. Use technical terms only as necessary. Choose the active voice more than you choose the passive, for the passive voice usually requires more words and often obscures the agent of action.