

RECENT PUBLICATIONS

April 1992 - March 1993

A. Publications in English

A. 1. Publications in Periodicals

A. 1. i. Original Contributions

Fukuda, M., K. Hiramatsu, M. Honda, S. Niwa, T. Sasaki, A. Hata, K. Nakagome, A. Iwanami, H. Honda, S. Hayashida and K. Itoh: Shortening of N1 and P3 Latencies in Event-related Potentials Observed Coincidentally with Clinical Improvement during Nootropic Medication in a Demented Patient: Specific Effect of Nicergoline. *Jpn. J. Psychiatr. Neurol.*, 46, 919-925, 1992.

Hayashida, S., T. Kameyama, S. Niwa, K. Itoh, K. Hiramatsu, M. Fukuda, O. Saitoh, A. Iwanami, K. Nakagome and T. Sasaki: Distributions of the Nd and P300 in a Normal Sample. *Int. J. Psychophysiol.*, 13, 233-239, 1992.

Imaizumi, S., H. Abdoerrachman, S. Niimi, H. Saida and Y. Shimura: Evaluation of Vocal Controllability by an Object Acoustic Analysis System. *J. Acoust. Soc. Jpn.(E)* (in press).

Kiritani, S., H. Hirose and H. Imagawa: High-Speed Digital Image Analysis of Vocal Cord Vibration in Diplophonia. *Speech Communication*, 12, 1993(in press).

Kobayashi, T., S. Niimi, M. Kumada, H. Kosaki and H. Hirose: Botulinum Toxin Treatment for Spasmodic Dysphonia. *Acta Otolaryngol. Suppl.* 504, 155-157, 1993

Niwa, S., K. Hiramatsu, O. Saitoh, M. Fukuda, T. Kameyama, K. Itoh and S. Hayashida: Information Dysregulation and Event-related Potentials in Schizophrenia. *Schizophrenia Bull.*, 18, 95-105, 1992.

A. 1. ii. Review Articles

none.

A. 1. iii. Progress Reports

Asano, K. and S. Kiritani: Phonetic Characteristics of Unstressed Vowel in Fast Speech. *Ann. Bull. RILP*, 26, 45-50, 1992.

Fukuda, M., A. Hata, S. Niwa, K. Hiramatsu, M. Yokokoji, O. Saitoh, K. Nakagome, T. Sasaki, A. Iwanami, H. Honda, S. Hayashida and K. Itoh: Electrophysiological Correlates of Hysterical Hearing Loss. *Ann. Bull. RILP*, 26, 133-137, 1992.

Hayashi, A., S. Imaizumi, T. Harada, H. Seki and H. Hirose: Effects of Fundamental Frequency and Silent Intervals on the Voicing Distinction for Stop Consonants in VCV Contexts. *Ann. Bull. RILP*, 26, 69-78, 1992.

Imaizumi, S., H. Saida, Y. Shimura and H. Hirose: Acoustic Evaluation of Sources of Vibrato: Harmonic Analysis of the Singing Voice. *Ann. Bull. RILP*, 26, 59-68, 1992.

Iwanaga, H., S. Kiritani and Y. Watanabe: Word Training Programs for Aphasic Patients. *Ann. Bull. RILP*, 26, 167-171, 1992.

K. Itoh: A Neuro-Synaptic Model of Behavior-Dependent EEG Wave Generation in the Subcortico-Cortical System. *Ann. Bull. RILP*, 26, 105-114, 1992.

Katoh, F., T. Deguchi, A. Hayashi and S. Kiritani: Perceptual Normalization of Vocal Tract Size in Infants. *Ann. Bull. RILP*, 26, 79-86, 1992.

Kim, D-W., H. Hirose and S. Niimi: A Fiberoptic Study of Laryngeal Gestures for Korean Intervocalic Stops. *Ann. Bull. RILP*, 26, 13-28, 1992.

Kiritani, S., H. Imagawa and H. Hirose: High-speed Digital Imaging of Vocal Cord Vibration at Voice Onset in Consonants. *Ann. Bull. RILP*, 26, 29-38, 1992.

Koshida, I., K. Itoh, S. Niwa and O. Saitoh: Spherical Mapping of Electroencephalogram Topography. *Ann. Bull. RILP*, 26, 157-166, 1992.

Kumada, M., M. Niitsu, H. Hirose and S. Niimi: A Study on the Inner Structure of the Tongue in the Production of the 5 Japanese Vowels by Tagging Snapshot. *Ann. Bull. RILP*, 26, 1-11, 1992.

Misono, Y. and S. Kiritani: Disambiguation of Syntactically Ambiguous Sentences by Pauses. *Ann. Bull. RILP*, 26, 97-100, 1992.

Masuko, Y. and S. Kiritani: The Duration of Sequences of Two Identical Consonants in Indonesian in Comparison with Geminates in Japanese. *Ann. Bull. RILP*, 26, 39-44, 1992.

Niwa, S., K. Itoh, K. Hiramatsu, M. Fukuda, O. Saitoh, A. Iwanami, T. Sasaki, K. Nakagome and S. Hayashida: Processing of Ambiguous Sentences in Schizophrenics. *Ann. Bull. RILP*, 26, 139-148, 1992.

Niitsu, M., M. Kumada, S. Niimi and Y. Itai: Tongue Movement during Phonation: A Rapid Quantitative Visualization Using Tagging Snapshot MR Imaging. *Ann. Bull. RILP*, 26, 149-155, 1992.

Saida, H.: A Clinical Study of Vocal Disorders in Patients Singing Classical Songs. *Ann. Bull. RILP*, 26, 123-132, 1992.

Saida, H., S. Imaizumi and H. Hirose: Aerodynamic and Acoustic Correlates of Vocal Register and Vibrato in the Singing Voice. *Ann. Bull. RILP*, 26, 51-58, 1992.

Shimura, Y., S. Imaizumi and T. Shuto: Perceptual Evaluation of Emotional Aspects of Infants' Vocalization. *Ann. Bull. RILP*, 26, 87-96, 1992.

Sudo, M., H. Suzuki, K. Matsuno and S. Kiritani: A Second Experiment on the Perception of Articles in Spoken English by Japanese College Students. *Ann. Bull. RILP*, 26, 101-103, 1992.

Yamaguchi, H., Y. Watanabe, M. Sawashima, H. Hirose and N. Kobayashi: Spasmodic Dysphonia: Case Studies of Three Patients. *Ann. Bull. RILP*, 26, 115-122, 1992.

A. 1. iv. Abstracts of Meeting Papers

Fukusako, Y., H. Hirose, M. Iwata, H. Monoi and M. Bandoh: Progressive Aphasia with Motor Speech Disorders as an Initial Symptom. A Report of a Case with Autopsy-proven Pick's Disease. *Folia Phoniatic.*, 44, 23, 1992.

Kiritani, S., H. Hirose and H. Imagawa: Vocal Cord Vibration and Speech Waveform in Diplophonia. *Folia Phoniatic.*, 44, 37, 1992.

Mori, K. and G. Striedter: Neurons in Field L of Budgerigars Prefer Species Specific Calls to White Noise. *Society for Neuroscience Abstracts*, 18, 527, 1992.

Niimi, S., N. Tayama, M. Yagi, Y. Murakami, A. Matsunaga and H. Hirose: Arytenoid Adduction as a Surgical Treatment for Unilateral Vocal Fold Fixation. *Folia Phoniatic.*, 44, 55, 1992.

Shimizu, M., Y. Watanabe, and H. Hirose: Use of the Accent Method in Training for Patients with Motor Speech Disorders. *Folia Phoniatic.*, 44, 73, 1992.

Tayama, N., K. Tsunoda, M. Mizuno, A. Matsunaga, S. Niimi and H. Hirose: Silastic Gel Injection for Vocal Cord. *Folia Phoniatic.*, 44, 83, 1992.

Tsunoda, K., K. Yoshida, A. Matsunaga, M. Kumada, Q. Yan, S. Niimi and H. Hirose: Physiological Study on Laryngeal Adjustment for Whispering. *Folia Phoniat.*, 44, 85, 1992.

Yamaguchi, H. and Y. Watanabe: Pushing Exercise Program to Correct Glottal Incompetence. *Folia Phoniatrica*, 44, 92, 1992.

Yonekawa, H., F. Ohta and H. Hirose: Clinical Classification of Reinke's Edema. *Folia Phoniat.*, 44, 92, 1992.

A. 2. Contributions in Meeting Proceedings etc.

A. 2. i. Printed Texts of Symposium Papers etc.

Abdoerrachman, H., S. Imaizumi, S. Kiritani, H. Hirose and S. Niimi: A Preliminary Study on the Sources of Slow and Fast Perturbation in Voice. Proc. of the 1st International Symposium on Speech Production and Communication Disorders.

Mori, K. and G. Striedter: Possible Neural Correlates of Call Discrimination in the Budgerigar Forebrain. In "Seminar Neurobiology V -from Molecule to Brain- Program & Abstract", 17-18, Japan Intractable Disease Research Foundation, 1993.

Mori, K. and G. Striedter: Possible Neural Basis of Talker Identification in Budgerigars. Abstract for International Symposium on Speech Production and Communication Disorders, 1993.

A. 2. ii. Meeting Papers in Proceedings of Digests

Deguchi, T., S. Kiritani, A. Hayashi and F. Katoh: The Effect of Fundamental Frequency for Vowel Perception in Infants. Proceedings of the 2nd ICSLP, Banff, 345-348, 1992.

Hayashi, A., S. Imaizumi, T. Harada, H. Seki and H. Hosoi: Acoustic and Auditory Factors Affecting Voicing Distinction of Stops for the Hearing Impaired. Abstracts of the XXI International Congress of Audiology, Morioka, Japan, 218, 1992.

Hirose, H.: The Behavior of the Larynx in Spoken Language Production. Proceedings of 2nd ICSLP, Banff, 457-458, 1992.

Hirose, H., S. Kiritani and H. Imagawa: Neurogenic Diplophonia: A High Speed Digital Analysis. Digest of the Fifth Annual Pacific Voice Conference, San Francisco, 27, 1992.

Hirose, H., S. Kiritani and H. Imagawa: Neurogenic Diplophonia - A High-speed Digital Image Analysis. Proceedings of 5th Pacific Voice Conference, San Francisco, 3, 1992.

Hosoi, H., S. Imaizumi, K. Murata and F. Ohta: An Automatic Measurement Method of the Most Comfortable Loudness Level. Abstracts of the XXI International Congress of Audiology, Morioka, Japan, 39, 1992.

Hosoi, H., S. Imaizumi, A. Hayashi, T. Harada and H. Seki: Cue Extraction and Integration in Speech Perception for the Hearing Impaired. Proceedings of the 1992 International Conference on Spoken Language Processing, Banff, Canada, 1, 1027-1030, 1992.

Imagawa, H., S. Kiritani, T. Suzuki and Y. Fukusako: A Personal Computer-Based Word Learning System for Language Disordered. Proceedings of the 14th ICA Beijing, China, G6-8, 1992.

Imaizumi, S. and J. Gauffin: Acoustical and Perceptual Modelling of the Voice Quality Caused by Fundamental Frequency Perturbation. Proceedings of the 1992 International Conference on Spoken Language Processing, Banff, Canada, 1, 133-136, 1992.

Imaizumi, S., A. Hayashi, T. Harada, H. Seki and H. Hosoi: Temporal and Spectral Factors Affecting Vowel Perception for the Hearing Impaired. Proceedings of the 14th International Congress on Acoustics, H6-11, 1992.

Imaizumi, S., A. Hayashi, T. Harada, H. Seki and H. Hosoi: Temporal Course of Cue Extraction and Integration in Vowel Perception for the Hearing Impaired. Abstracts of the XXI International Congress of Audiology, Morioka, Japan, 104, 1992.

Kiritani, S., H. Hirose, K. Maekawa and T. Sato: Electromyographic Studies on the Production of Pitch Contour in Accentless Dialects in Japanese. Proceedings of 2nd ICSLP, Banff, 783-786, 1992.

Kiritani, S., H. Hirose and H. Imagawa: Vocal Cord Vibration During Consonants - High-Speed Digital Imaging Using a Fiberscope -. Proceedings of 14th ICA, Beijing, China, G2-3, 1992.

Kiritani, S., H. Hirose, K. Maekawa and T. Sato: Electromyographic Studies on the Production of Pitch Contour in Accentless Dialects in Japanese. Proceedings of the 2'nd ICSLP, Banff, 783-786, 1992.

Kiritani, S., H. Imagawa and H. Hirose: Vocal Cord Vibration during Consonants - High-speed Digital Imaging Using a Fiberscope. Proceedings of 2nd ICSLP, Banff, 1661-1664, 1992.

Niimi, S.: Arytenoid Adduction. International Workshop on Phonosurgery (Kyoto). Proceedings. 1992

Niimi, S.: What is the Physiological Mechanism for Singing? The 1st International Symposium on Poor Pitch Singers (Nagoya). Proceedings 1992

Niimi, S., A. Matsunaga and H. Hirose: Ultrasonic Observation of the Vertical Movement of the Larynx during Phonation. 14th International Congress on Acoustics, Proceedings Vol.3 H7-5, 1992 (Beijin)

Seki, H., A. Hayashi, S. Imaizumi, T. Harada and H. Hosoi: Factors Affecting Voicing Distinction of Stops for the Hearing Impaired. Proceedings of the 1992 International Conference on Spoken Language Processing, Banff, Canada, 1, 959-962, 1992.

Yamori, M., S. Imaizumi and H. Hirose: Voice Changes in the CVA Patients and Due to Aging. Proceeding of the 7th Nagae Memorial Symposium, 36, 1992.

Yamori, S.: Single Trial P300 Analysis in Rheumatoid Arthritis. Proceeding of the 7th Nagae Memorial Symposium Akita, 24, 1992.

Yan, Q., S. Niimi, S. Horiguchi and H. Hirose: An Electromyographic Study on Laryngeal Adjustment for Production of the Light Tone in Mandarin Chinese. 14th International Congress on Acoustics, Proceedings Vol. 3 H7-6, 1992 (Beijin)

A. 3. Contributions in Separate Publications

A. 3. i. Part of a Textbook, Handbook, Anthologies etc.

Imaizumi, S. and S. Kiritani: A Generation Model of Formant Trajectory at Variable Speaking Rates. In Talking Machine, G. Bailly and C. Benoit Eds. (Elsevier-North Holland Publishers, Amsterdam, 1992), 61-76, 1992.

Imaizumi, S. and S. Kiritani and S. Saito: Perceptual Evaluation of a Glottal Source Model for Voice Quality Control. In Vocal Fold Physiology: Acoustic, Perceptual and Physiological Aspects of Voice Mechanisms, edited by Jan Gauffin and Britta Hammerberg (Singular Publishing group, Inc., San Diego, 1992), 225-232, 1992.

Miyashita, Y., H. S. Chang and K. Mori: A Hypothesis on Primal Long-term Memory: Neurophysiological Evidence in the Primate Temporal Cortex. in "Neuropsychology of Memory" 2nd ed. by Squire, L.R. and Butters, N., The Guilford Press, New York, 347-356, 1992.

A. 3. ii. Monographs

none.

A. 4. Translations

none.

B. Publications in Japanese

B. 1. Publications in Periodicals

B. 1. i. Original Contributions

Honda, H., T. Watanabe, S. Niwa, K. Hiramatsu, M. Fukuda, O. Saitoh, K. Nakagome, T. Sasaki, A. Iwanami, S. Hayashida and K. Itoh: Correspondence of Electrode Positions in the 10-20 System with the Brain Surface Structures as Measured by the 3-D MR Imaging. *Clinical Electroenceph.*, 34, 385-388, 1992.

Hosoi, H., K. Murata, F. Ohta and S. Imaizumi: Effect of the Rate of Speech Flow on Speech Intelligibility in Normal and Hearing-impaired Subjects. *J. Otolaryngol. Jpn.*, 95, 517-525, 1992.

Imaizumi, S., A. Hayashi and T. Deguchi: Planning in Speech Production: Listener Adaptive Characteristics. *Jpn. J. Logop. Phoniater.* (in press).

Kato, F., A. Hayashi, T. Deguchi and S. Kiritani: Effect of Fundamental Frequency on Vowel Perception in Infants. *Japan Journal of Logopedics and Phoniatics*(to appear).

Kawamura, R., N. Tayama, M. Mizuno, A. Matsunaga, S. Niimi, H. Hirose, Y. Murakami, I. Kawabata and Y. Nomura: Retrospective Study of 971 Cases Undergone Laryngomicrosurgery for 9 Years. *J. Jpn. Bronchoesophagol. Soc.*, 43, 419-426, 1992

Sasaki, T., K. Hiramatsu, S. Hayashida, A. Iwanami, I. Ichikawa, Y. Tsukahara, K. Nakagome, O. Saitoh, K. Anami, H. Honda, M. Fukuda, S. Niwa and K. Itoh: Comparison of ERPs Recorded at Different Facilities for Identical Subjects with Special Reference to the P300 Component. *Psychiatr. Med.*, 34, 599-607, 1992.

Shimura, Y. and S. Imaizumi: Emotional Expression by Infants through Vocalization -Perceptual Evaluation-. *Jpn. J. Logop. Phoniater.*, 33(4), 325-332, 1992.

Suzuki, K., A. Okamoto, Y. Hara, S. Niimi and K. Torikai. Articulation Development in Cleft Palate Children - Development of Consonants and Transition of Defective Articulation. *Jpn. J. Logop. Phoniater.*, 34, 189-197, 1992

B. 1. ii. Review Articles

Hirose, H.: Laryngeal Paralysis - Causes, Pathology and Diagnosis. *Otolaryngology-Head and Neck Surgery Mook*, 23, 144-152, 1992.

Hirose, H.: Schmidt's Syndrome. *Otolaryngol. (Tokyo)*, 64, 138, 1992.

Hirose, H.: Voice Change in the Aged. *J. Jpn. Med. Assos.*, 108, 774-776, 1992.

Niimi, S.: Anatomy of the Neuromuscular System for Deglutition. *J. Otolaryngol. Jpn.*, 95, 622-625, 1992

Niimi, S.: Clinical Examination of Phonatory Function. *JOHNS* 8, 271-278, 1992

Niimi, S.: Otorhinolaryngology and Physical Disease. *JOHNS* 9, 1053-1055, 1993

Niimi, S.: Paralysis of the Intrinsic Laryngeal Muscles. *JOHNS*, 9, 751-754, 1993

Yamaguchi, H.: Characteristics of Aged Voice Disorders. *Otologica Fukuoka*, 38(2), 187-188, 1992.

Yamaguchi, H.: Foramen Jugural Syndrom. *Otolaryngology Head and Neck Surgery*, 64(11), 79-80, 1992.

Yamaguchi, H.: Indication and Limitation of Voice Therapy, *Practica Otologica Kyoto*. 85(6), 1992.

Yamaguchi, H.: Post-operative Care of Laryngeal Polyps. *JOHNS*, 8(3), 79-84, 1992.

Yamaguchi, H.: Spasmodic Dysphonia. *JOHNS*, 8(1), 95-101, 1992.

Yamori, M.: Rehabilitation for Dysphagia. *Public Health in Communities*, 38-58, 1993.

B. 1. iii. Progress Reports

none.

B. 1. iv. Abstracts of Meeting Papers

Endo, K., Y. Fukusako, S. Masaki, H. Yamamoto, J. Shioda, M. Kawamura, K. Suzuki, K. Tsuruta, M. Kezuka and H. Hirose: Comparison of Speech Profile between Normal Subjects and Patients with Pseudobulbar Palsy. *Jpn. J. Logop. Phoniatr.*, 33, 42, 1992.

Fukuda, M., S. Niwa, K. Hiramatsu, T. Hata, S. Hayashida, K. Itoh, K. Nakagome, T. Sasaki, A. Iwanami, H. Honda and O. Saitoh: Effects of Visual Coaching on the Schizophrenic Decrease of Auditory P300 Component. *Jpn. J. EEG and EMG*, 21, 154, 1993.

Fukuda, M., S. Niwa, K. Hiramatsu, S. Hayashida, K. Itoh, K. Nakagome, T. Sasaki, O. Saitoh, H. Honda and A. Iwanami: Schizophrenic Cognitive Disorders and P300 Components on Bilateral Temporal Areas in Repetitive Exercise. *Jpn. J. EEG and EMG*, 20, 179, 1992.

Fukusako, Y., K. Endo, S. Masaki, H. Yamamoto, J. Shioda, M. Kawamura, K. SLuzuki, K. Tsuruta, M. Kezuka and H. Hirose: Comparison of Speech Profile between Normal Subjects and Patients with Parkinsonism. *Jpn. J. Logop. Phoniatr.*, 34, 50-51, 1993.

Hata, T., M. Fukuda, S. Niwa, K. Hiramatsu, M. Yokokoji, S. Hayashida, K. Itoh, K. Nakagome, T. Sasaki, A. Iwanami, H. Honda and O. Saitoh: Auditory Event-related Potential of a Hysterical Unilateral Deafness. *Jpn. J. EEG and EMG*, 21, 153, 1993.

Hayashida, S., M. Saito, K. Itoh, K. Hiramatsu, M. Fukuda, T. Hata, S. Niwa, A. Iwanami, K. Nakagome, T. Sasaki and H. Honda: Differences in Cerebral Function of Information Processing by Characteristic Tendencies: Relationship between Nd, P300 of ERPs and MAS, MMPI. *Jpn. J. EEG and EMG*, 21, 156, 1993.

Hayashida, S., M. Saito, S. Niwa, K. Hiramatsu, M. Fukuda, T. Kameyama, O. Saitoh, H. Honda, A. Iwanami, K. Nakagome, T. Sasaki and K. Itoh: Normative Values of Nd, P300 for Clinical Application of Event-related Potentials (5th report). *Jpn. J. EEG and EMG*, 20, 176, 1992.

Hayashida, S., M. Saito, S. Niwa, K. Hiramatsu, M. Fukuda, T. Hata, A. Iwanami, K. Nakagome, T. Sasaki, H. Honda and K. Itoh: Relationship between Nd, P300 in Syllable Discrimination Task and MAS, MMPI. *Jpn. J. EEG and EMG*, 21, 60, 1993.

Hiramatsu, K., M. Fukuda, T. Hata, S. Niwa, S. Hayashida, K. Itoh, A. Iwanami, K. Nakagome, T. Sasaki and H. Honda: Attentional Cognitive Disorders and Their Changes through Antipsychotic Drug Treatment. *Jpn. J. EEG and EMG*, 21, 157, 1993.

Hiramatsu, K., S. Kimura, E. Kuribayashi, S. Hayashida and K. Itoh: Effects of a Small Amount of Alcohol on Cognitive Functions. *Jpn. J. EEG and EMG*, 20, 178, 1992.

Hiramatsu, K., M. Fukuda, S. Niwa, S. Hayashida, K. Itoh, K. Nakagome, T. Sasaki and A. Iwanami: Is P300 Abnormality in Schizophrenics Consistent Independent on Tasks. *Jpn. J. EEG and EMG*, 20, 179-180, 1992.

Hiramatsu, K., M. Fukuda, S. Niwa, A. Iwanami, T. Sasaki, K. Nakagome, O. Saitoh, H. Ohta, S. Hayashida and K. Itoh: Psychophysiological Consideration on Effects of Antidementia Drug Action by Use of ERPs. *Jpn. J. EEG and EMG*, 20, 175, 1992.

Kiritani, S., H. Imagawa, Y. Watanabe and M. Shimizu: Personal Computer Programs of Vocabulary Self Teaching for the Aphasic Patients. *Higher Brain Function Res.*, 13, 1, 96-97, 1993.

Kiritani, S., H. Imagawa and Y. Watanabe: Personal Computer-Based Vocabulary Training Systems for the Aphasic Patients. *Jpn. J. Logop. Phoniatr.*, 34, 1, 88, 1993.

Kosaki, H., K. Kaga, T. Kurauchi, H. Hirose and S. Niimi: A Case of Myoclonus with Similar Voice Symptoms to Voice Tremor. *Jpn. J. Logop. Phoniatr.* 43, 31, 1993

Kumada, M., M. Niitsu, S. Niimi and H. Hirose: A Study on the Inner Structure of the Tongue in the Production of the Japanese Vowels by Tagging Snapshot MRI. *Jpn. J. Logop. Phoniatr.* 43, 39, 1993

Matsunaga, A., S. Niimi and H. Hirose: Ultrasonic Observation of Vertical Movement of the Larynx. *Jpn. J. Logop. Phoniatr.* 43, 113, 1993

Matsunaga, A., S. Niimi, H. Hirose, K. Tsunoda, M. Nakamura, N. Tayama, M. Mizuno, Y. Nomura and Y. Murakami: A Case with a Huge Hypopharyngeal Polyp. *J. Jpn. Bronchophagol. Soc.*, 43, 163, 1992

Mori, K.: A Personal Computer Based Environment for Neurophysiological Experiments that Proves Easy On-line Modification Tools of Auditory Stimuli. *Otology Japan*, 3, 75, 1993.

Nakamura, M., N. Tayama, M. Mizuno, Y. Nomura, A. Matsunaga, S. Niimi and H. Hirose: Laryngeal Stenosis Caused by Caustic Soda Swallowing. *J. Jpn. Bronchophagol. Soc.*, 43, 141, 1992

Niitsu, M., Y. Itai, M. Kumada and S. Niimi: Evaluation of the Tongue Movement by Tagging Snapshot High Speed MRI. *Jpn. J. Logop. Phoniatr.* 43, 40, 1993

Oshima, K., V.L. Gracco, S. Niimi and H. Hirose: Jaw Movement during Speech. *Jpn. J. Logop. Phoniatr.* 43, 41, 1993

Saida, H.: A Case Suspected Collagen Disease with Rare Laryngeal Findings. *Jpn. J. Logop. Phoniatr.*, 34, 32, 1993.

Saida, H.: Glottic Reconstruction Following Vertical Laryngectomy. J. Jpn. Bronchoesophagol. Soc., 44(2), 125, 1993.

Saida, H., S. Imaizumi and H. Hirose: Acoustic Findings on Vibrato of Singing Voice in Italian Bel Canto Opera. J. of Otolaryngol. Jpn., 95, 1594, 1992.

Seki, H., H. Yamaguchi and Y. Watanabe: The Evaluation of Pathological Voice Using an EGG. Jpn. J. Logop. Phoniatr., 34, 114, 1993.

Shimizu, M., E. Goto, Y. Watanabe and H. Hirose: Application of Accent Method for the Training of Patients with Motor Speech Disorders. Jpn. J. Logop. Phoniatr. 33, 127, 1992.

Shimizu, M., Y. Watanabe, E. Gotoh and H. Hirose: The Indication of the Use of the Accent Method for the Patients with Motor Speech Disorders. Jpn. J. Logop. Phoniatr., 34, 54, 1993.

Suzuki, M., M. Nakamura, N. Tayama, M. Mizuno, Y. Nomura, S. Niimi and H. Hirose: A Statistical Study on Cases with Foreign body in the Trachea and Esophagus. J. Jpn. Bronchoesophagol. Soc., 43, 199, 1992

Tayama, N., M. Nakamura, K. Tsunoda, T. Sugawara, M. Mizuno, Y. Nomura, S. Niimi and H. Hirose: Surgical Treatment of Associated Laryngeal Paralysis. J. Jpn. Bronchoesophagol. Soc., 43, 215, 1992

Tsunoda, K., N. Tayama, M. Nakamura, M. Mizuno, Y. Nomura, K. Oshima, A. Matsunaga, S. Niimi and H. Hirose: Fiberscopic Observation during Arytenoid Adduction. J. Jpn. Bronchoesophagol. Soc., 43, 148, 1992

Watanabe, Y., H. Yamaguchi, S. Kawai and T. Kobayashi: The Use of the Accent Method in Voice Therapy. J. Otolaryngol. Jpn., 95, 1521, 1992.

Yamaguchi, H., Y. Watanabe, H. Hirose and N. Kobayashi: Voice Therapy (Part 1). Jpn. J. Logop. Phoniatr., 34, 126, 1993.

Yamori, M., M. Kawaida, S. Imaizumi and H. Hirose: Voice Changes in the CVA Patients. Jpn. J. Logop. Phoniatr., 34, 34, 1993.

Yamori, S.: Single Trial P300 Analysis in Rheumatoid Arthritis. Jpn. J. Rehab. Med., 29, 1134, 1992.

Yamori, S. and K. Itoh: Analysis of single-trial P300 waveforms by use of a general-purpose personal computer. Jpn. J. Logop. Phoniatr., 33, 31-32, 1992.

Yamori, S. and K. Itoh: Auditory Evoked Single Trial P300 in Patients with Collagen Diseases. *Jpn. J. Logop. Phoniatr.* 34, 105-106, 1993.

Yamori, S. and K. Itoh: P300 Variabilities in Patients with Collagen Diseases. *Jpn. J. EEG and EMG*, 21, 131. 1993.

Yamori, S. and K. Itoh: Variabilities of Single-trial P300 in Collagen Diseases. *Jpn. J. EEG and EMG*, 21, 151. 1993.

B. 2. Contributions in Meeting Proceedings etc.

B. 2. i. Printed Texts of Symposium Papers etc.

Goto, S., K. Shirai, N. Suehiro, K. Itoh, K. Hiramatsu, S. Hayashida, K. Nakagome and S. Yamori: Estimation System for Latency Variation in Event Related Potentials. *IEICE Technical Report*, MBE92-25, 13-18, 1992.

Hayashida, S., M. Saito, S. Niwa, K. Hiramatsu, M. Fukuda, A. Iwanami, K. Nakagome, T. Sasaki, H. Honda and K. Itoh: Relationship between Nd, P300 in Syllable Discrimination Task and MAS, MMPI. Abstracts of the 18th Group Meeting of Personality, Behavior and EEGs, 18, 1992.

Hiramatsu, K., K. Itoh, M. Yumoto, S. Hayashida, M. Fukuda, K. Nakagome and S. Niwa: ERP Study on Word Meaning Processing. *Proceedings of IEICE Society of Acquisition and Usage of Language and Knowledge*, LK93-3, 1-5, 1993.

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B. 3. Contributions in Separate Publications

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none.

B. 4. Translations

none.