

RECENT PUBLICATIONS

April 1991 - March 1992

A. Publications in English

A. 1. Publications in Periodicals

A. 1. i. Original Contributions

none

A. 1. ii. Review Articles

none

A. 1. iii. Progress Reports

Fukuda, M., K. Hiramatsu, S. Hayashida, S. Niwa, O. Saitoh, H. Honda, K. Nakagome, T. Sasaki, A. Iwanami and K. Itoh: A Study on the Relationship between Event-Related Potentials and Plasma Homovanillic Acid Concentration in Schizophrenics. *Ann. Bull. RILP*, 25, 169-180, 1991.

Fukusako, Y., T. S. Watamori, H. Monoi and S. Sasanuma: Comparison of Aphasic Patients Using Neuropsychological Test Battery. *Ann. Bull. RILP*, 25, 121-145, 1991.

Hayashi, A., S. Imaizumi, T. Harada, H. Seki and H. Hosoi: Effects of Preceding Vowels on the Voicing Distinction for Stop Consonants among Hearing Impaired Subjects. *Ann. Bull. RILP*, 25, 91-98, 1991.

Hong, K., S. Niimi and H. Hirose: Laryngeal Adjustments for the Korean Stops, Affricates and Fricatives - An Electromyographic Study. *Ann. Bull. RILP*, 25, 17-31, 1991.

Imaizumi, S. and J. Gauffin: Acoustical and Perceptual Characteristics of Pathological Voices: Rough, Creak, Fry and Diplophonia. *Ann. Bull. RILP*, 25, 109-119, 1991.

Itoh, K.: A Neuro-Synaptic Model of State-Dependent EEG Wave Generation in the Subcortico-Cortical System. *Ann. Bull. RILP*, 25, 221-241, 1991.

Kiritani, S., H. Hirose, K. Maekawa, H. Kawashima and T. Sato: Electromyographic Studies on the Production of Pitch Contour in Accentless Dialects in Japanese. *Ann. Bull. RILP*, 25, 1-15, 1991.

Kiritani, S., H. Hirose and H. Imagawa: Vocal Fold Vibration and The Speech Waveform in Diplophonia. *Ann. Bull. RILP*, 25, 55-62, 1991.

Masuko, Y. and S. Kiritani: The Duration of Geminate Consonants in Indonesian and in Thai. *Ann. Bull. RILP*, 25, 81-89, 1991.

Matsunaga, A., S. Niimi and H. Hirose: Observation of Laryngeal Control by Use of Echogram. *Ann. Bull. RILP*, 25, 47-54, 1991.

Misono, Y., M. Sugito and S. Kiritani: Statistical Characteristics of Pauses in Different Speech Styles. *Ann. Bull. RILP*, 25, 81-89, 1991.

Mochizuki-Sudo, M., H. Imagawa and S. Kiritani: Naturalness Judgments for Stressed Vowel Duration in English and Japanese. *Ann. Bull. RILP*, 25, 99-102, 1991.

Niimi, S., N. Tayama, M. Yagi, Y. Murakami and H. Hirose: Arytenoid Adduction as a Surgical Treatment for Hoarseness with Unilateral Vocal Cord Fixation. *Ann. Bull. RILP*, 25, 161-167, 1991.

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*, 25, 181-187, 1991.

Sekimoto, S.: The Role of Gross Spectral Shape as an Invariant Cue for Identifying Voiceless Stop Consonants. *Ann. Bull. RILP*, 25, 103-108, 1991.

Simada, Z. B., S. Niimi and H. Hirose: On the Timing of the Sternohyoid Muscle Activity Associated with Accent in the Kinki Dialect. *Ann. Bull. RILP*, 25, 39-45, 1991.

Soejima, A. and S. Kiritani: Further Evidence of a Nasal-Liquid Alternation. *Ann. Bull. RILP*, 25, 189-193, 1991.

Tateishi, M., Y. Fukusako, N. Chino and H. Hirose: Word Association in Aphasia: The Semantic Relationship between Stimulus Word and Response. *Ann. Bull. RILP*, 25, 147-159, 1991.

Tsunoda, K., S. Niimi, H. Hirose, K. S. Harris and T. Baer: An Electromyographic Study on Laryngeal Adjustment for Whispering. *Ann. Bull. RILP*, 25, 33-38, 1991.

A.1.iv. Abstracts of Meeting Papers

Itoh, K.: A Neuro-Synaptic Model of State-Dependent EEG Waves in Subcortico-Cortical System. *Medical & Biological Engineering & Computing*, 29(S), 486, 1991.

Kiritani, S., H. Imagawa and H. Hirose: High-Speed Digital Imaging of Pathological Vocal Cord Vibration. *Medical & Biological Engineering & Computing*, 29(S), 961, 1991.

Kiritani, S., H. Hirose and H. Imagawa: Vocal Cord Vibration and Speech Waveform in Diplophonia. *J. Acoust. Soc. America*, 90, 2345, 1991.

Koshida, I. and K. Itoh: Spherical Mapping of Electroencephalogram Topography. *Medical & Biological Engineering & Computing*, 29(S), 379, 1991.

A.2. Contributions in Meeting Proceedings etc.

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

Imaizumi, S., A. Hayashi, T. Harada, H. Seki and H. Hosoi: Considerations on Temporal Factors Affecting Speech Perception for the Hearing Impaired. *Proceedings of International Symposium on Speech and Hearing Sciences*, July 16-17, Osaka, 188-197, 1991.

Imaizumi, S., H. Imagawa and S. Kiritani: A Functional Model of Dynamic Characteristics of Formant Trajectories. *Proceedings of the XIIth International Congress of Phonetic Science*, Aix-en-Provence, France, August 19-24, 382-385, 1991.

Hosoi, H., S. Imaizumi, K. Murata and F. Ohta: Hearing Aid Evaluation Using Speech Map Monosyllable Confusion Analysis. *Proceedings of International Symposium on Speech and Hearing Sciences*, July 16-17, Osaka, 154-164, 1991.

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

Hirose, H., S. Kiritani and H. Imagawa: Analysis of Normal and Pathological Vocal Fold Vibration with Reference to Voice Quality. Proceedings of XIIth ICPhS, Aix-en-Provence, I, 151-154, 1991.

Horiguchi, S., R. Iwata, S. Niimi and H. Hirose: Velar Movement during Production of Nasal and Non-Nasal Vowels in South Min Dialect of Chinese. Proceedings of XIIth ICPhS, Aix-en-Provence, V, 6-8, 1991.

Iwata, R., H. Hirose, S. Niimi and S. Horiguchi: Physiological Properties of "Breathy" Phonation in a Chinese Dialect - A Fiberoptic and Electromyographic Study on Suzhou Dialect. Proceedings of XIIth ICPhS, Aix-en-Provence, III, 162-165, 1991.

Kiritani, S., H. Hirose and H. Imagawa: Vocal Cord Vibration and Voice Source Characteristics - Observation by a High-Speed Digital Image Recording -. Proceedings of XIIth ICPhS, Aix-en-Provence, I, 206-209, 1991.

Simada, Z. B., S. Horiguchi, S. Niimi and H. Hirose: Devoicing of Japanese /u/: An Electromyographic Study. Proceedings of XIIth ICPhS, Aix-en-Provence, II, 54-57, 1991.

Tsunoda, K., Niimi, S., H. Hirose, K. H. Harris and T. Baer: Electromyographic Study on Laryngeal Adjustment for Whispering. Proceedings of XIIth ICPhS, Aix-en-Provence, II, 42-43, 1991.

Yamori, M. and S. Yamori: Voice Therapy in a SLE Patient with Probably Steroid Myopathy. Proceedings of the 6th Nagae Memorial Symposium, Matsue, 22, 1991.

Yamori, S.: Cognitive Dysfunction in Rheumatoid Arthritis - Neurophysiological Investigation by P300 -. Proceeding of the 6th Nagae Memorial Symposium Matsue, 22, 1991.

A.3. Contributions in Separate Publications

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

Hirose, H., S. Kiritani and H. Imagawa: Clinical Application of High-Speed Digital Imaging of Vocal Fold Vibration. In J. Gauffin and B. Hammerberg(Eds.) Vocal Fold Physiology. Acousitc, Perceptual and Physiological Aspects of Voice Mechanism, Sinfular Publishing Group, San Diego, CA, 213-216,

1991.

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

Imaizumi, S., S. kiritani and S. Saito: Perceptual Evaluation of a Glottal Source Model for Voice Quality Control. In J. Gauffin and B. Hammerberg(Eds.) Vocal Fold Physiology: Acoustic, Perceptual, and Physiological Aspecats of Voice Mechanisms, Singular Publishing Group, Inc., San Diego, 225-232. 1991.

Kiritani, S. and M. Sawashima: Articulatory Dynamics in Speech Production. In Saito, S. ed. Speech Science and Technology, Ohmusha, 22-31, 1991.

Kiritani, S., F. Katoh, A. Hayashi and T. Deguchi: Perceptual Normalization of Vocal Tract Size in Young Children and Infants. Speech Perception, Production and Linguistic Structure, Ohmsha, 279-285, 1991.

Sawashima, M.: Introduction to Speech Production. In Saito, S. ed. Speech Science and Technology, Ohmusha, 5-10, 1991.

Sawashima, M.: Articulatory Control of the Larynx: Fiberoptic and EMG Studies. IN Saito, S. ed. Speech Science and Technology, Ohmusha, 32-42, 1991.

Watomori, T. S., Y. Fukusako, H. Monoi and S. Sasanuma: Confrontation Naming Performance in Dementia and Aphasia. In T. E. Prescott(Ed.) Clinical Aphasiology, Pro-Ed, Austin, Tx, 211-221, 1991.

A.3.ii. Monographs

none

A.4. Translations

none

B. Publications in Japanese

B.1. Publications in Periodicals

B.1.i. Original Contributions

Fukusako, Y., H. Monoi and H. Hirose: Recovery Patterns of Auditory Comprehension Deficits in Treated Aphasic Patients. *Jpn. J. Logop. Phoniatr.* 32, 308-317, 1991.

Fukusako, Y., H. Monoi and K. Endo: Treatment for Spastic Dysarthric Speech Using the Mora-by-Mora Method with Finger-Counting Gestures. *Jpn. J. Logop. Phoniatr.* 32, 308-317, 1991.

Fukusako, Y., H. Monoi, S. Kuzuhara and H. Hirose: Two Cases of Progressive Aphasia with Motor Speech Disorders as an Initial Symptome. *Jpn. J. Neuropsychol.* 7, 178-185, 1991.

Fukusako, Y., Y. Watamori, H. Monoi and S. Sasanuma: Differentiating Aphasic Patients from Demented Patients Using a Series of Neuropsychological Tests. *Jpn. J. Neuropsychol.*, 8, 25-33, 1992.

Furukawa, M., M. K. Furukawa, M. Sawashima, I. Mochimatsu, M. Tsukuda, K. Ooishi, S. Sawaki, T. Yoshida, S. Furukawa and M. Itoh: Velopharyngeal Function after Reconstruction of the Soft Palate by a Free Flap with Long Palmar Muscle Tendon. *Otolaryngology-Head and Neck Surgery, Tokyo*, 63, 873-880, 1991.

Hiramatsu K., S. Hayashida, M. Fukuda, S. Niwa, K. Nakagome, T. Sasaki, A. Iwanami, H. Honda and K. Itoh: Nd and P300 in Schizophrenics. *Clinical EEG*, 34, 184-188, 1992.

Hosoi, H., H. Azuma, K. Murata, F. Ohta and S. Imaizumi: A Clinicostatistical Study on Hearing-Impaired Patients during the Past 7 Years in Our Hearing Aid Clinic. *Practica Otologica. Suppl.*, 45, 5-24, 1991.

Hu Lian, S., M. Nakayama and S. Niimi: Fundamental Frequency of the Speaking Voice before Mutation. *Practica Otologica Kyoto*, 42, 143-145, 1991.

Momiyama, Y. and S. Niimi: Partial Palsy of the Larynx. *JOHNS*, 8, 103-106, 1991.

Ohta, Y., Y. Terayama, A. Komatsuzaki and H. Hirose: Shy-Drager Syndrome with Early Onset of Bilateral Vocal Cord Fixation: Report of a Case.

Otolaryngology-Head and Neck Surgery(Tokyo), 63, 371-375, 1991.

Ohta, Y., H. Takahashi, H. Horikosi, M. Yamamoto, M. Oda, H. Gon and H. Hirose: Two Cases of Werner's Syndrome with Hoarseness. Otolaryngology-Head and Neck Surgery(Tokyo), 63, 469-473, 1991.

Saida, H., A. Suzuki, K. Nakamoto, U. Iida, Y. Okamoto, H. Zusho, M. Eguchi and H. Tanioka: Magnet Resonance Imaging(MRI) of Tongue Cancer. Correlation with Pathological Findings. J. Jpn. Stomato-Pharyngol. Soc., 3, 79-88, 1991.

Saida, H. and H. Zusho: An Umbrella Silicone Keel for the Treatment of Laryngeal Web. J. Jpn Bronchoesophagol. Soc., 42, 508-512, 1991.

Sasaki T., K. Hiramatsu, M. Fukuda, O. Saitoh, F. Etoh, S. Iijima, K. Mizoguchi, S. Hayashida and K. Itoh: Psychophysiological Study on Effects of Cerebral Metabolic Enhancers by Use of Event-Related Potentials. Psychiatric Medicine, 33, 259-268, 1991.

Tayama, N., Y. Murakami, M. Mizuno, Y. Nomura, R. Kondo, I. Kawabata, S. Niimi and H. Hirose: A Case of Severe Dysphagia and Dysphonia Improved by "Multi-Surgical" Treatments. J. Jpn. Bronchoesophagol. Soc., 42, 35-39, 1991.

Tsuruta, K., Y. Fukusako, M. Kawamura and H. Monoi: Recovery Process of a Patient with Severe Deficit in Writing of Kanji Characters due to Lesions of the Left Posterior Part of the Middle and Inferior Temporal Gyrus - A Case Report -. Jpn. J. Logop. Phoniater. 33, 11-21, 1992.

Watamori, Y., A. Takeuchi, M. Itoh, K. Endo and Y. Fukusako: Functional Communication Ability in Aphasic Patients: CADL Test Performance as it Relates to Aphasia Severity and Age. Jpn. J. Logop. Phoniater. 32, 387-396, 1991.

Yamori, S., M. Osawa and K. Itoh: P300 Event Related Potentials on Central Nervous System Involvement in Collagen Diseases. Rinsho Noha, 34, 101-108, 1992.

B.1.ii. Review Articles

Harry Levitt(translated by S. Imaizumi): Future Directions in Signal Processing Hearing Aids. J. Acoust. Soc. Jpn., 47, 785-790, 1991.

Hirose, H.: Motor Speech Disorders. Stomato-Pharyngol., 3, 25-30, 1991.

- Hirose, H.: Alaryngeal Speech. *Igaku no Ayumi*, 157, 212-214, 1991.
- Hirose, H.: Treatment of Abnormal Vocal Fold by Voice Therapy. *Kurashi to Kenko*, 46, 36-37, 1991.
- Hirose, H.: When were the Auditory Ossicles Identified as Three? *JOHNS*, 7, 506-508, 1991.
- Hirose, H. and S. Kiritani: Diagnosis of Pathological Voices by Means of High-Speed Digital Image Recording System. *Byotai Seiri*, 11, 128-134, 1992.
- Hirose, H.: Paralysis of the Soft Palate and its Examination. *JOHNS*, 8, 235-240, 1992.
- Hirose, H.: Laryngeal EMG. *JOHNS*, 8, 289-294, 1992.
- Imaizumi, S.: Recent Topics on Hearing Characteristics of the Hearing-Impaired. *J. Acoust. Soc. Jpn.*, 47, 754-759, 1991.
- Imaizumi, S.: Measurement Methods in Speech Area. *J. Acoust. Soc. Jpn.*, 47, 357-362, 1991.
- Niimi, S.: Dysarthria - its Point of Diagnosis and Treatments. *Otolaryngology Head and Neck Surgery*, Tokyo, 63, 97-99, 1991.
- Niimi, S.: Physiological Mechanism of Whistling. *Clinical Neuroscience*, 9, 111-112, 1991.
- Niimi, S.: Voice Disorders. *Otolaryngology-Head and Neck Surgery*, Tokyo, 63, 217-221, 1991.
- Sawashima, M.: A Note on the "Stance" of Practicing Medical Services. *Otolaryngology-Head and Neck Surgery*, Tokyo, 63, 578-579, 1991.
- Sawashima, M.: Visit to "Tobu Regional Hospital". *J. Jpn. Hosp. Assoc.*, 38, 563-565, 1991.
- Sawashima, M.: Visit to "Shizuoka General Hospital". *J. Jpn. Hosp. Assoc.*, 38, 1295-1298, 1991.
- Sawashima, M.: Visit to "Kawakita General Hospital". *J. Jpn. Hosp. Assoc.*, 39, 477-478, 1992.

B.1.iii. Progress Reports

Fukuda, M., S. Niwa, K. Hiramatsu, K. Itoh and S. Hayashida: A Study on the Relationship between Event-Related Potentials (P300 Component and Nd Component) and Plasma Homovanillic Acid Concentration in Schizophrenics. *Ann. Rep. Pharmacopsychiatric Res. Found.*, 22, 13-19, 1991.

Misono, Y. and K. Kimura: Current Status of the Children of the Returnees from China in Japanese University and Japanese Language Education for Them. *Bull. Fac. Gen. Ed. Tokyo Univ. Agri. Tech.*, 28, 1991.

B.1.iv. Abstracts of Meeting Papers

Endo, K., T. Suzuki, H. Monoi and Y. Fukusako: Two Cases of Agraphia. *Jpn. J. Logop. Phoniater.*, 32, 138, 1991.

Endo, K., Y. Fukusako, S. Masaki, H. Yamamoto, J. Shioda, M. Kawamura, K. Suzuki, K. Tsuruta, M. Kesoku, H. Hirose: Comparison between Spastic Dysarthric and Normal Subjects Based on the Result of Dysarthria Test Battery - A Report of Committee for Dysarthria Study. *Jpn. J. Logop. Phoniater.*, 33, 42-43, 1992.

Fukuda, M., S. Niwa, K. Hiramatsu, S. Hayashida, K. Itoh, K. Nakagome, O. Saitoh, A. Iwanami and T. Sasaki: Effects of Repetitive Exercise on Behavioral Indices and P300 Component. *Jpn. J. EEG & EMG*, 19, 177, 1991.

Fukusako, Y., H. Monoi and H. Hirose: Clinical Course of Disorders of Auditory Comprehension in Aphasic Patients. *Jpn. J. Logop. Phoniater.*, 32, 56-57, 1991.

Fukusako, Y., Y. Watamori, S. Sasanuma and H. Monoi: Comparison between Aphasics and Demented Patients Based on the Results of Higher-Brain Function Test. *J. Jpn. Rehb. Med.*, 28, 1036, 1991.

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Furukawa, M., T. Ohashi, M. Sawashima, M. Kaneko, K. Ooishi, S. Sawaki, T. Yoshida and M. Tsukuda: Articulatory Function and its Rehabilitation of the Cases of the Head and Neck Tumors after Reconstruction of the Oral and Pharyngeal Cavities. *J. Otolaryngol. Jpn.*, 94, 1604-1605, 1991.

Furukawa, M., K. Hiiragi, M. Tsukuda, K. Ooishi, S. Sawaki, T. Yoshida, K. Yamashita, M. Sawashima, M. K. Furukawa and M. Itoh: A Study on Influencing Factors Related to the Postoperative Articulatory Function in Cases of Oropharyngeal Reconstruction. *Jpn. J. Logop. Phoniatr.*, 33, 44-45, 1992.

Hayashida, S., M. Saito, S. Niwa, K. Hiramatsu, M. Fukuda, T. Kameyama, O. Saitoh, K. Nakagome, A. Iwanami, T. Sasaki and K. Itoh: Normative Values of Nd, P300 for Clinical Application of Event-Related Potentials (4th Report). *Jpn. J. EEG & EMG*, 19, 171, 1991.

Hirose, H. and T. Takizawa: Physiology and Pathology of the Larynx and Lower Airway in the Aged: Summary of Modulator. *J. Jpn. Bronchoesophagol. Soc.*, 42, 127, 1991.

Imagawa, H., S. Kiritani, Y. Fukusako and T. Suzuki: Word Training System for Aphasic Patients Using a Personal Computer. *Jpn. J. Logop. Phoniatr.*, 32, 80-81, 1991.

Itoh, O., Y. Murakami, Y. Yagi, M. Mizuno, Y. Nomura, S. Niimi and H. Hirose: Arytenoid Rotation under General Anesthesia for Unilateral Recurrent Nerve Paralysis. *J. Jpn. Bronchoesophagol. Soc.*, 42, 228, 1991.

Kaneko, I., K. Harada, K. Furukawa, M. Okamoto, H. Takahashi, T. Shitara, S. Niimi: A Clinical and Histopathological Study on the Epithelial Thickening of the Larynx. *J. Jpn. Bronchoesophagol. Soc.*, 42, 200, 1991.

Kiritani, S., H. Imagawa, H. Hirose and S. Yamada: Observation of Vocal Fold Vibration by Means of Ultra-High-Speed Video System and Fiberscope. *J. Otolaryngol. Jpn.*, 94, 1625, 1991.

Kiritani, S., H. Hirose, H. Imagawa and S. Niimi: Vocal Cord Vibration and Speech Waveform in Diplophonia. *Jpn. J. Logop. Phoniatr.*, 33, 62-63, 1992.

Kobayashi, T. and S. Niimi: Clinical Applications of Botulinus Toxin in Otorhinolaryngology. *J. Otolaryngol. Jpn.*, 94, 1626, 1991.

Matsunaga, A., S. Asano, M. Kumada, S. Niimi and H. Hirose: Ultrasonic Observation of the Vertical Movement of the Larynx during Phonation. *Jpn. J. Logop. Phoniatr.*, 33, 64-65, 1992.

Momiyama, Y., S. Niimi and H. Hirose: Two Cases of Partial Laryngeal Paralysis. *Jpn. J. Logop. Phoniatr.*, 33, 67-68, 1992.

Murakami, Y., N. Tayama, T. Sugawara, M. Asai, M. Mizuno, Y. Nomura, S. Niimi and H. Hirose: Dysphagia and its Surgical Treatment in Cases of Amyotrophic Lateral Sclerosis. *J. Jpn. Bronchoesophagol. Soc.*, 42, 184, 1991.

Okamoto, A., Y. Hara, K. Suzuki, M. Koike, N. Kobayashi and S. Niimi: Some Acoustic Characteristics of Stop Consonants Produced by and Electrolarynx and Esophageal Speech. *Jpn. J. Logop. Phoniatr.*, 33, 76-77, 1992.

Saida, H.: Effects of Tonsillectomy on Voice Characteristics. *J. Otolaryngol. Jpn.*, 94, 1603-1604, 1991.

Saida, H., M. Saida and S. Imaizumi: Acoustic Characteristics of Singing Voice of Italian Bel-Canto Opera. *Jpn. J. Logop. Phoniatr.*, 33, 83, 1992.

Sasaki, T., K. Hiramatsu, S. Niwa, M. Fukuda, S. Hayashida, K. Itoh, K. Nakagome, I. Ichikawa, Y. Tsukahara, O. Saitoh, K. Anami and A. Iwanami: Comparison of ERPs Recorded at Different Facilities for Identical Subjects. *Jpn. J. EEG & EMG*, 19, 179, 1991.

Seki, H., A. Deguchi and S. Kiritani: A System for 3-D Image Generation from Brain Section Photographic Images. *Jpn. J. Medical and Biological Engineering*, 29, Suppl. 48, 1991.

Shimizu, M., E. Gotoh, Y. Watanabe and H. Hirose: Speech Training for Dysarthric Subjects Using Accent Method. *Jpn. J. Logop. Phoniatr.*, 33, 127-128, 1992.

Tayama, N., O. Itoh, Y. Murakami, M. Mizuno, Y. Nomura, S. Niimi and H. Hirose: A Statistical Study of Vocal Fold Cyst. *J. Jpn. Bronchoesophagol. Soc.*, 42, 199, 1991.

Watanabe, Y., A. Takeuchi, M. Itoh, K. Endo and Y. Fukusako: Functional Communication Ability in Aphasic Patients: CADL Test Performance as it Relates to Aphasic Severity and Age. *J. Jpn. Rehab. Med.*, 28, 1028, 1991.

Yamaguchi, H. and Y. Watanabe: The Role of Voice Therapy. *J. Otolaryngol. Jpn.*, 94, 1412, 1991.

Yamaguchi, H., S. Kawai, Y. Watanabe and M. Sawashima: Four Cases of the Abductor Spasmodic Dysphonia. *Jpn. J. Logop. Phoniatr.*, 33, 66-67, 1992.

Yamori, M., M. Kawaida, H. Imagawa, S. Kiritani and H. Hirose: Voice Therapy in a SLE Patient with Probably Steroid Myopathy. *Jpn. J. Logop. Pho-*

niatr., 33, 68-69, 1992.

Yamori, S. and K. Itoh: Analysis of Single-Trial P300 Waveforms by Use of a General-Purpose Personal Computer. *Jpn. J. Logop. Phonatr.*, 33, 31-32, 1992.

Yamori, S., K. Itoh and M. Osawa: P300 on Central Nervous System Involvement in Collagen Diseases. *Japanese Journal of Electroencephalography and Electromyography*, 19, 183, 1991.

Yamori, S., N. Ohata and Y. Namiki: P300 on Central Nervous System Involvement in Rheumatoid Arthritis. *The Ryumachi*, 31, 702, 1991.

Yamori, S.: Data Acquisition and Analysis of Event Related Potentials by Personal Computer. *Rihabiriteshon Igaku*, 28, 928-929, 1991.

B.2. Contributions in Meeting Proceedings etc.

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

Fukusako, Y.: Speech Therapy for Spastic Dysarthrics. *Proceedings of Annual Conference of Speech Therapists*, 12, 1991.

Furuya, S., F. Kotoh, A. Hayashi, T. Deguchi and S. Kiritani: The Effect of Fundamental Frequency for Vowel Perception in Infants. *IEICE Technical Reports*, SP91-133, 1992.

Hatano, G., K. Hori, K. Itoh, K. Sugihara, T. Mutoh, H. Fujisaki, S. Mizuno, H. Kameda and K. Kojima: Concept Formation and Knowledge Acquisition from Linguistic and Pattern Information. *Annual Report of Grant-in-Aid for Scientific Research on Priority Areas. Concept Formation and Knowledge Acquisition in Knowledge Science*, the Ministry of Education, Science and Culture, Japan, 27-34, 1992.

Hayashi, A., S. Imaizumi, T. Harada, H. Seki and H. Hosoi: Effects of Fundamental Frequency and Silent Interval on the Voiced/Unvoiced Judgement for Stop Consonants in VCV Contexts. *IEICE Technical Reports*, SP90-97, 1991.

Hiramatsu, K., M. Fukuda, S. Niwa, A. Iwanami, T. Sasaki, K. Nakagome, O. Saitoh, H. Honda, M. Uno, S. Hayashida and K. Itoh: Psychophysiological Consideration on the Effects of Ameliorants in Brain Function by Use of ERPs. *Abstracts of the 1st Meeting of Dementia and EEGs*, 11, 1992.

Hirose, H.: The Function of the Articulatory Organs. Text of the 10th Summer Seminar on Educational Technology for Auditory Handicapped. 5-8, 1991.

Hirose, H.: A Medical Consideration on Esophageal Speech. Text of the 4th Seminar for Trainees of Esophageal Speech, 1-4, 1991.

Hirose, H.: Problems in Speech Research - from the Standpoint of Speech Physiology. Proceedings of the Annual Meeting of Phonetic Society of Japan, 2, 1991.

Hirose, H.: Neurology of Articulation and Swallowing. Textbook for the Training of Diagnostic Procedures for Voice and Speech Disorders, National Rehabilitation Center, 63-74, 1991.

Itoh, K., S. Kiritani, S. Niwa, F. Itagaki and K. Naitoh: Concept Formation and Knowledge Acquisition from Linguistic Information. Annual Report of Grant-in-Aid for Scientific Research on Priority Areas, Concept Formation and Knowledge Acquisition in Knowledge Science, the Ministry of Education, Science and Culture, Japan, 39-40, 1992.

Kiritani, S., H. Hirose, K. Maekawa and H. Kawashima: An Electromyographic Study of Intonation Control in Accentless (Ibaragi) Dialect. Proceedings of the Annual Meeting of Phonetic Society of Japan, 109-117, 1991.

Kiritani, S.: Mechanisms of Speech Production. "Fundamentals in Speech Science and Speech Information Processing", Textbook for Acoust. Soc. Jpn. Technical Seminar, 1-16, 1992.

Saida, H.: Informed Concept on Patients with Hoarseness. *Otologia Fukuoka*, 1992(in press).

Sawashima, M.: Velopharyngeal Inefficiency. Textbook for the Training of Diagnostic Procedures for Voice and Speech Disorders, National Rehabilitation Center, 11-20, 1991.

Watanabe, Y.: The Articulation Test. Textbook for the Training of Diagnostic Procedures for Voice and Speech Disorders, National Rehabilitation Center, 53-61, 1991.

Yamaguchi, H.: Voice Therapy. Textbook for the Training of Diagnostic Procedures for Voice and Speech Disorders, National Rehabilitation Center, 103, 1991.

Yamori, M.: Evaluation and Rehabilitation for Dysphagia. Printed Text of the Clinical Seminar of Japanese Association of Speech Therapists, Tokyo, 1991.

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B.2.ii. Meeting Papers in Proceedings or Digests

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B.4. Translations

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