

POSTER SESSION (Talking Poster)

P1 Visual function, Face, Eye movement

Oct. 29, Friday, Venue A Portopia Hall,
11:10-12:50

Chair : Tobimatsu S (Fukuoka)

P2 Diabetic neuropathy, Autonomic function

Oct. 29, Friday, Venue B South Wing 1F
Ohwada A, 11:10-12:50

Chair : Cueto A (Buenos Aires)

P3 Peripheral neuropathy, Nerve conduction (1)

Oct. 29, Friday, Venue C South Wing 1F
Ohwada B, 11:10-12:50

Chair : Kohara N (Kobe)

P4 Mismatch negativity, P300

Oct. 29, Friday, Venue D South Wing 1F
Ohwada C, 11:10-12:50

Chair : Yorio A (Buenos Aires)

P5 Parkinson's disease

Oct. 29, Friday, Venue E KICC : Main Hall,
11:10-12:50

Chair : Hirata K (Mibu)

P6 Epilepsy (1)

Oct. 29, Friday, Venue F KICC : Int'l Conf. Room,
11:10-12:50

Chair : Ikeda A (Kyoto)

P7 Motor neuron diseases

Oct. 29, Friday, Venue G Portopia Hotel :
Kairaku 1, 11:10-12:50

Chair : Phillips LH (Charlottesville)

P8 Near-infrared spectroscopy (NIRS), Language

Oct. 29, Friday, Venue H Portopia Hotel :
Kairaku 2, 11:10-12:50

Chair : Hoshi Y (Tokyo)

P9 Sleep, Epilepsy (2)

Oct. 29, Friday, Venue I KICC : Room 401 + 402,
11:10-12:50

Chair : Tachibana N (Osaka)

P10 Pharmacophysiology, Bioelectric activity generators, Neuromonitoring

Oct. 29, Friday, Venue J Portopia Hotel : Ikuta,
11:10-12:50

Chair : Kinoshita T (Osaka)

P11 TMS (1)

Oct. 30, Saturday, Venue A Portopia Hall,
11:10-12:50

Chair : Terao Y (Tokyo)

P12 Peripheral neuropathy, Nerve conduction (2)

Oct. 30, Saturday, Venue B South Wing 1F
Ohwada A, 11:10-12:50

Chair : Baba M (Hirosaki)

P13 EMG

Oct. 30, Saturday, Venue C South Wing 1F
Ohwada B, 11:10-12:50

Chair : Sonoo M (Tokyo)

P14 SEP, Pain

Oct. 30, Saturday, Venue D South Wing 1F
Ohwada C, 11:10-12:50

Chair : Ozaki I (Aomori)

P15 EEG (1)

Oct. 30, Saturday, Venue E KICC : Main Hall,
11:10-12:50

Chair : Mitsuura M (Tokyo)

P16 Epilepsy (3)

Oct. 30, Saturday, Venue F KICC : Int'l Conf. Room,
11:10-12:50

Chair : Akamatsu N (Kitakyushu)

P17 Schizophrenia, Aging

Oct. 30, Saturday, Venue G Portopia Hotel :
Kairaku 1, 11:10-12:50

Chair : Niwa S (Fukushima)

P18 Functional MRI

Oct. 30, Saturday, Venue H Portopia Hotel :
Kairaku 2, 11:10-12:50

Chair : Fukuyama H (Kyoto)

P19 Auditory function, Multimodal neuroimaging

Oct. 30, Saturday, Venue I KICC : Room 401 + 402, 11:10-12:50

Chair : Okamoto H (Okazaki)

P20 TMS (2)

Oct. 31, Sunday, Venue A Portopia Hall,
11:10-12:50
Chair : Ugawa Y (Fukushima)

P21 Peripheral neuropathy, Nerve conduction (3)

Oct. 31, Sunday, Venue B South Wing 1F
Ohwada A, 11:10-12:50
Chair : Verdugo RJ (Santiago)

P22 MS, HIV, CJD, Parkinson's disease

Oct. 31, Sunday, Venue C South Wing 1F
Ohwada B, 11:10-12:50
Chair : Kuroiwa Y (Yokohama)

P23 Movement disorders

Oct. 31, Sunday, Venue E KICC : Main Hall,
11:10-12:50
Chair : Hanajima R (Tokyo)

P24 EEG (2)

Oct. 31, Sunday, Venue G Portopia Hotel :
Kairaku 1, 11:10-12:50
Chair : Tobimatsu S (Fukuoka)

P25 Pediatric disease, MEG (clinical studies)

Oct. 31, Sunday, Venue H Portopia Hotel :
Kairaku 2, 11:10-12:50
Chair : Inagaki M (Kodaira)

P26 Rehabilitation

Oct. 31, Sunday, Venue I KICC : Room 401 + 402,
11:10-12:50
Chair : Ikoma K (Sapporo)

P27 Behavior disorders, Psychiatric diseases

Oct. 31, Sunday, Venue J Portopia Hotel : Ikuta,
11:10-12:50
Chair : Nakajima T (Mitaka)

P28 EMG, Peripheral neuropathy, Nerve conduction (4)

Oct. 31, Sunday, Venue K Portopia Hotel :
Nunobiki, 11:10-12:50
Chair : Sonoo M (Tokyo)

P29 TMS (3)

Nov. 1, Monday, Venue A Portopia Hall,
11:10-12:50
Chair : Mima T (Kyoto)

P30 Peripheral neuropathy, Nerve conduction (5)

Nov. 1, Monday, Venue B South Wing 1F
Ohwada A, 11:10-12:50
Chair : Kuwabara S (Chiba)

P31 Neurosurgery, Orthopedics, Neuromonitoring

Nov. 1, Monday, Venue C South Wing 1F
Ohwada B, 11:10-12:50
Chair : Yamamoto T (Tokyo)

P32 Evoked potentials

Nov. 1, Monday, Venue D South Wing 1F
Ohwada C, 11:10-12:50
Chair : Hakim M (Jakarta)

P33 MEG (Basic studies)

Nov. 1, Monday, Venue E KICC : Main Hall,
11:10-12:50
Chair : Lin Y-Y (Taipei)

P34 EMG, Myopathy, Neuromuscular junction disorders

Nov. 1, Monday, Venue F KICC : Int'l Conf.
Room, 11:10-12:50
Chair : Zierz S (Halle)

P35 Cerebrovascular diseases

Nov. 1, Monday, Venue G Portopia Hotel :
Kairaku 1, 11:10-12:50
Chair : Yamaguchi S (Izumo)

P36 Neuroplasticity, MRCP

Nov. 1, Monday, Venue H Portopia Hotel :
Kairaku 2, 11:10-12:50
Chair : Kristeva R (Freiburg)

P37 Dementia, Cognitive disorders

Nov. 1, Monday, Venue J Portopia Hotel : Ikuta,
11:10-12:50
Chair : Koga Y (Mitaka)

P1

Visual function, Face, Eye movement
Tobimatsu S (Fukuoka)

Free Discussion
KICC
Room 403

Talking Poster
Oct. 29, Fri
Venue A
Portopia Hall

P1-1	Otsuka, S	Department of Neurology, Yokohama City University School of Medicine, Yokohama, Japan	Japan
Statistical analysis of VEPs to transient full-field pattern-reversal stimulation in 167 normal adults			
P1-2	Okamoto, R	Human Neurophysiology, Frontier Medical Engineering, Chiba University, Chiba, Japan	Japan
Visual evoked potentials for convex or concave stereoscopic vision			
P1-3	Nilsson, J	Dept. of Clinical Neurophysiology, Sahlgrenska University Hospital, Gothenburg, Sweden	Sweden
Normal VEP latencies in preschool children born SGA (small for gestational age)			
P1-4	Goto, K	Department of Advanced Systems Control Engineering, Saga University, Saga, Japan	Japan
Quantitative analysis of VEP on difference between sinusoidal pattern and rectangular pattern			
P1-5	Kasagi, Y	Section for Human Neurophysiology, Research Center for Frontier Medical Engineering, Chiba University, Chiba, Japan	Japan
Depth-dependent changes in stereoscopic visual evoked potentials by dynamic random dot stereograms			
P1-6	Momose, K	Faculty of Human Sciences, Waseda University, Saitama, Japan	Japan
Extraction of M and P components of the visual evoked potential using pseudorandom stimulation with swept parameter technique			
P1-7	Yamazaki, H	National Institute of Mental Health, National Center of Neurology and Psychiatry, Tokyo, Japan	Japan
Time frequency analysis of VEPs elicited by low spatial frequency and high reversal rate stimuli using complex demodulation method			
P1-8	Sanada, M	Graduate School of Arts and Sciences, The University of Tokyo, Tokyo, Japan	Japan
Retrieval-related facilitation of visual short-term memory by high motivation			
P1-9	Kremlack, J	Dept. of Pathophysiology, Charles University in Prague, Faculty of Medicine in Hradec Kralove, Czech Republic	Czech Republic
Origins of motion-VEPs amplitude decay during prolonged visual stimulation			
P1-10	Hafner, H	Department of Neurosurgery, Rambam Health-Care Campus, Faculty of Medicine, the Technion, Israel Institute of Technology, Haifa, Israel	Israel
Visual evoked potentials to flash stimuli following 1Hz rTMS			
P1-11	Aoki, R	Department of Physiology and Biosignaling, Osaka University, Suita, Japan	Japan
Two different systems for face and pattern perception in human brain as revealed by ERP			
P1-12	Miki, K	Department of Integrative Physiology, National Institute for Physiological Sciences, Okazaki, Aichi, Japan	Japan
The development in the perception of facial emotion change using ERPs			
P1-13	Konishi, K	Department of Psychology, Kibi International University, Takahashi, Japan	Japan
Does the motion of gaze influence to the human face processing?			
P1-14	Komatsu, S	Department of Clinical Neurophysiology, Neurological Institute, Faculty of Medicine, Graduate School of Medical Sciences, Kyushu University, Fukuoka, Japan.	Japan
Facial identity facilitates facial expression recognition : A high-density ERP study			

P1-15	Mitsudo, T	Department of Clinical Neurophysiology, Neurological Institute, Faculty of Medicine, Graduate School of Medical Sciences, Kyushu University, Fukuoka, Japan.	Japan
Face-sensitive neural responses in the occipital cortex without visual awareness			
P1-16	Moriya, H	Graduate School of Integrated Arts and Sciences, Hiroshima University, Hiroshima, Japan	Japan
An electrophysiological investigation of the emotional influence on the breadth of attention at early sensory processing stages			
P1-17	Huh, Y	Department of Neurology, Seoul National University Bundang Hospital	Korea
Mechanism of head shaking nystagmus from focal cerebellar lesions : flocculonodular dysfunction			
P1-18	Choi, K	The Third Department of Neurology, Pusan National University Hospital, Pusan, South Korea	Korea
Episodic upbeat nystagmus : a new phenotype of episodic ataxia			
P1-19	Jo, H	The Third Department of Neurology, Pusan National University Hospital, Pusan, South Korea	Korea
Omnidirectional gaze-evoked nystagmus in cavernous hemangioma in brainstem			
P1-20	Song, H	Department of Neurology, Kyungpook National University School of Medicine, Daegu, Korea	Korea
0.5% Apraclonidine test : a new pharmacologic test for Horner syndrome			
P1-21	Oh, S	Department of Neurology, Chonbuk National University College of Medicine, Jeonju City, Korea	Korea
Standard smooth pursuit study using step-ramp and sinusoidal target stimuli			
P1-22	Goto, Y	Department of Occupational Therapy, Faculty of Rehabilitation, International University of Health and Welfare, Okawa City, Japan	Japan
Utility of exploratory eye movements in patients with neurological and psychiatric diseases			
P1-23	Kiyota, N	Department of Human Movement and Health, Graduate School of Medical Science, Kanazawa University, Kanazawa, Japan	Japan
Effects of anti-saccade training with neck flexion on eye movement performance, presaccadic potentials and prefrontal hemodynamics in the elderly			
P1-24	Grzybkowska, A	The Institute of Psychology, Jagiellonian University, Krakow, Poland	Poland
Right-side priority of stimuli perception and imagination			
P1-25	Matsuyoshi, D	Department of Integrative Physiology, National Institute for Physiological Sciences	Japan
Insufficient filtering of distractors in visual short-term memory and inattentional blindness			
P1-26	Okano, T	Department of Laboratory Medicine, the University of Tokyo Hospital	Japan
Gaze behavior when observing a ultrasonic diagnostic image			
P1-27	Oshita, K	Graduate School of Human Development and Environment, Division of Human Environmental Science, Kobe University, Kobe, Japan	Japan
Asymmetry of force fluctuation during isometric plantar flexion with or without visumotor correction			
P1-28	Yamasaki, T	Department of Clinical Neurophysiology, Neurological Institute, Graduate School of Medical Sciences, Kyushu University, Fukuoka, Japan	Japan
Aging of the parallel visual pathways in humans			

P2

Diabetic neuropathy, Autonomic function
Cueto A (Buenos Aires)

Free Discussion
KICC
Room 405, 406

Talking Poster
Oct. 29, Fri
Venue B
South Wing 1F,
Ohwada A

P2-1	Isak, B	Marmara University Hospital, Department of Neurology, Istanbul, Turkey	Turkey
-------------	---------	--	--------

Clinical utility of F-wave duration parameters in diabetic patients with distal symmetric polyneuropathy

P2-2	Pan, H	The Department of Neurology, Beijing Tiantan Hospital, Capital Medicine University, Beijing, China	China
-------------	--------	--	-------

F waves as a test for diabetic polyneuropathy

P2-3	Jia, Z	Department of Neurology, the First Hospital of Peking University, Beijing, China	China
-------------	--------	--	-------

The value of quantitative sensory testing (QST) in early diagnosis of diabetic peripheral neuropathy

P2-4	Pugdahl, K	Department of Clinical Neurophysiology, Aarhus University Hospital, Aarhus, Denmark	Denmark
-------------	------------	---	---------

Effect on continuing medical audit on electrodiagnostic criteria in polyneuropathy

P2-5	Peric, Z	Department of Neurology, Medical Faculty University of Nis, Clinical Centre of Nis, Serbia	Serbia
-------------	----------	--	--------

The influence of low intensity laser therapy on sural nerve electrophysiological parameters in patients with painful diabetic neuropathy

P2-6	Baba, M	Department of Neurology, Aomori Prefecture Medical Center, Aomori, Japan	Japan
-------------	---------	--	-------

Tibial A-wave is in value in diagnosis of diabetic polyneuropathy

P2-7	Kwon, S	Department of Neurology, Hallym University College of Medicine, Seoul, Korea	Korea
-------------	---------	--	-------

Comparison of chronic inflammatory demyelinating polyneuropathy with and without diabetes

P2-8	Kurita, A	Department of Neurology, the Jikei University School of Medicine, Japan	Japan
-------------	-----------	---	-------

Clinical utility of nerve conduction studies of the foot for the early detection of subclinical polyneuropathy in Japanese diabetic patients

P2-9	Kanouchi, T	Clinical laboratory, University Hospital of Medicine, Tokyo Medical and Dental University, Tokyo, Japan	Japan
-------------	-------------	---	-------

Metabolic syndrome is a risk factor for exaggerating neuropathy in diabetic patients

P2-10	Matsumura, M	Institute of Geriatrics, Tokyo Women's Medical University	Japan
--------------	--------------	---	-------

Pain threshold of diabetic patients : An investigation using intraepidermal electrical stimulation

P2-11	Kim, S	Department of Neurology, Seoul National University College of Medicine, Seoul, Korea	Korea
--------------	--------	--	-------

Quantitative sensory test: normal range in Korean adults and application to diabetic polyneuropathy

P2-12	Borucu, D	Marmara University Hospital, Department of Neurology, Istanbul, Turkey	Turkey
--------------	-----------	--	--------

The utility of conduction studies of distal branches of the superficial peroneal nerve studies in diabetic patients

P2-13	Wilder-Smith, E	Department of Medicine, National University of Singapore, Singapore.	Singapore
--------------	-----------------	--	-----------

VEGF expression in an Alloxan-induced diabetic rabbit model

P2-14	Sohn, E	Department of Neurology, Chungnam University Hospital, South Korea	Korea
--------------	---------	--	-------

Invasion of somatic small fiber differs with autonomic fiber in diabetic neuropathy

P2-15	Alar, T	Thoracic Surgery Department, Canakkale Onsekiz Mart University, Canakkale, Turkey	Turkey
--------------	---------	---	--------

Lightning strike : a first case of unilateral diaphragmatic paralysis

P2-16	Nakade, Y	Department of Clinical Laboratory, Kanazawa University Hospital, Ishikawa, Japan	Japan
Association of diabetic autonomic neuropathy and post-challenge hyperglycemia in patients with newly diagnosed type 2 diabetes			
P2-17	Modi, M	Department of Neurology, Postgraduate Institute of Medical Education & Research, India	India
Correlation of sympathetic skin response and nerve conduction studies with urodynamic studies in diabetic patients with lower urinary tract symptoms			
P2-18	Kanda, F	Neurology, Kobe University Hospital, Kobe, Japan	Japan
Clinical and neurophysiological evaluation for neurological complications in xeroderma pigmentosum			
P2-19	Toyokura, M	Rehabilitation Medicine, Tokai University Oiso Hospital	Japan
Paradoxical shortening of sympathetic skin response latency: comparison of the latency, amplitude, and waveform among eight recording sites			
P2-20	Sadachi, H	Global R&D, Human Health Care, Kao Corporation, Tokyo, Japan	Japan
Gastric movement under mental calculation			
P2-21	Huang, C	Department of Neurology, Chang Gung Memorial Hospital-Kaohsiung Medical Center, Kaohsiung, Taiwan	Taiwan
Assessing baroreflex sensitivity in patients with carotid stenting: comparison of Valsalva maneuver and sequence method			
P2-22	Aotsuka, Y	Research & Development Center, JPD Co., Ltd., Oita, Japan	Japan
Effects of the odor of green young barley grass extract on central and autonomic nervous system function			
P2-23	Tsukahara, R	Institute for Developmental Research, Aichi Human Service Center, Aichi, Japan	Japan
Time relationship between motor and sympathetic activation in a voluntary handgrip			
P2-24	Jayasinghe, S	Department of Pharmacology, Faculty of Medicine, University of Ruhuna, Sri Lanka	Sri Lanka
Normative values of sympathetic skin response (SSR) and correlation of SSR with R-R interval based autonomic function tests			
P2-25	Lu, C	Department of Neurology, Chang Gung Memorial Hospital-Kaohsiung Medical Center, Chang Gung University College of Medicine, Kaohsiung, Taiwan	Taiwan
Long-term effects of baroreflex function in patients who had carotid stenosis underwent carotid stenting			
P2-26	Lee, L	Department of Neurology, Chang Gung Memorial Hospital-Kaohsiung Medical Center, Chang Gung University College of Medicine, Kaohsiung, Taiwan	Taiwan
A novel index of sympathovagal balance from independent component analysis of heart rate and blood pressure variability			
P2-27	Assenza, G	Clinical Neurology, Campus Bio-medico University, Rome, Italy	Italy
Cortical neuromodulation modifies cerebral vasomotor reactivity			

P3
Peripheral neuropathy, Nerve conduction (1)
Kohara N (Kobe)
Free Discussion
 KICC
 Room 501
Talking Poster
 Oct. 29, Fri
 Venue C
 South Wing 1F,
 Ohwada B

P3-1	Zhou, H	Department of Neurology, Changzheng Hospital, The Second Military Medical University, Shanghai, China.	China
The study on the normal value of neural distal CMAP amplitude and area in bilateral median nerve, ulnar nerve and peroneal nerve in healthy Chinese			
P3-2	Laaksonen, S	Department of Clinical Neurophysiology, Turku University Hospital, Turku, Finland	Finland
Deep peroneal nerve sensory neurography in healthy subjects			
P3-3	Wee, A	Department of Neurology, University of Mississippi Medical Center and G. V. (Sonny) Montgomery VA Medical Center, Jackson, Mississippi, USA	USA
Confirming median-to-ulnar nerve crossover at the forearm (Martin-Gruber) by simultaneous stimulation of both median and ulnar nerves at the upper arm			
P3-4	Wilder-Smith, E	Department of Medicine, Division of Neurology, National University Hospital, Singapore.	Singapore
Yield of investigations in radial nerve lesions using high resolution ultrasonography			
P3-5	Qerama Montvilas, E	Department of Neurophysiology, Aarhus University Hospital, Aarhus	Denmark
The relationship between the nerve conduction studies and ultrasound measurements of the median nerve in the distal arm in healthy subjects			
P3-6	Yalinay, P	Department of Neurology, Faculty of Medicine, University of Acibadem, Istanbul, Turkey	Turkey
Neurophysiological and ultrasound results for sural nerve on the same location			
P3-7	Johnsen, B	Department of Clinical Neurophysiology, Aarhus University Hospital, Aarhus, Denmark	Denmark
Description of 584 ulnar nerve lesions examined with near-nerve technique including guidelines for localisation based on electrophysiological findings			
P3-8	Berkeley, R	UCL Institute of Child Health, UK	UK
Differences in HCN/Ih in motor axons and cutaneous sensory neurons innervating glabrous or hairy skin			
P3-9	Therimadasamy, A	Department of Medicine, National University Hospital, Singapore	Singapore
A novel nerve conduction technique to assess the supraorbital nerve function			
P3-10	Tamura, A	Teikyo University School of Medicine, Tokyo, Japan	Japan
Relationship between pain of the subject and stimulus duration in motor nerve conduction studies			
P3-11	Zhu, D	Department of Neurology, Huanshan Hospital, Shanghai, China	China
Paradoxical effects of cooling on vibrational induced reduction of sensory nerve action potential			
P3-12	Zhu, D	Department of Neurology, Huanshan Hospital, Shanghai, China	China
Cooling enhances the masking effects of conditioning high frequency electrical stimulation on sensory nerve action potential in human			
P3-13	Rubin, D	Department of Neurology, Mayo Clinic, Jacksonville, Florida, USA	USA
The effect of paired stimuli on the latencies and amplitude of the blink reflex responses in normal subjects			
P3-14	Huh, S	Department of Neurology, Kosin University College of Medicine, Korea	Korea
Correlation of F-wave latencies between height and length of limbs from Korean populations			

P3-15	Yamada, M	Kanagawa Rehabilitation Institute, Kanagawa Rehabilitation Center, Kanagawa, Japan	Japan
Same motor unit F-waves with different latencies			
P3-16	Shibata, E	The Graduate School of Health Sciences, Sapporo Medical University, Sapporo, Japan	Japan
Effects of sensory input by means of highly elastic adhesive tape on the gain modification of the spinal reflex			
P3-17	Konno, S	Department of Orthopedic Surgery, Nippon Medical School, Tokyo, Japan	Japan
The effects on the reliability of reading parameters of F-waves by flattening the baselines of the waveforms using a mathematical approximation.			
P3-18	Etoh, S	Department of Rehabilitation and Physical Medicine, Faculty of Medicine, Kagoshima University, Kagoshima, Japan	Japan
Facilitation of F-waves by cortical and cervical magnetic stimulation			
P3-19	Abe, T	Department of Neurology, Saitama Medical University Hospital, Japan	Japan
A new application for the automated quantitative evaluation of single motor unit function in F-wave			
P3-20	Katayama, M	Neuro-physiological laboratory, Kumamoto Kinoh Hospital, Japan	Japan
Influence of auditory stimulation on excitability changes in spinal motoneurons : an F-wave study			
P3-21	Chaojun, Z	Huan Shan Hospital Fudan University, Shanghai, China.	China
Soleus H-reflex to S2 nerve root stimulation			
P3-22	Wang, D	Department of Neurology, Changzheng Hospital, The Second Military Medical University, Shanghai, China.	China
The study on the normative value of nerve threshold in bilateral median nerve, ulnar nerve, peroneal nerve and sural nerve in healthy Chinese			
P3-23	Jabre, J	Boston University and Harvard Medical School, Boston, MA, USA	USA
Oxyneurography, a new technique for the evaluation of peripheral nerve oxygenation			
P3-24	Gunasekera, S	Department of Clinical Neurophysiology, Institute of Neurology, National Hospital of Sri Lanka, Colombo, Sri Lanka	Sri Lanka
Utility of medial plantar nerve conduction study as a screening tool for distal symmetric polyneuropathy in Sri Lanka			
P3-25	Nodera, A	Department of Neurology, Tokushima University, Tokushima, Japan	Japan
Threshold-dependent effects on peripheral nerve <i>in vivo</i> excitability properties in the rat			
P3-26	Manalo, G	Section of Adult Neurology, Department of Neurosciences, University of the Philippines – Philippine General Hospital, Manila, Philippines	Philippines
Usefulness of monofilament testing for detecting peripheral neuropathy II : application in the community setting			
P3-27	Gunarathne, K	Department of Clinical Neurophysiology, Institute of Neurology, National Hospital of Sri Lanka, Colombo, Sri Lanka	Sri Lanka
Isolated musculocutaneous nerve lesion in a healthy female following indirect trauma : a case report			

P4
Mismatch negativity, P300
Yorio A (Buenos Aires)

Free Discussion
 KICC
 Room 501

Talking Poster
 Oct. 29, Fri
 Venue D
 South Wing 1F,
 Ohwada C

P4-1	Nagai, T	Department of Psychiatry, National Center Hospital of Neurology and Psychiatry, Tokyo, Japan	Japan
Mismatch negativity in patients with at-risk mental state and first-episode schizophrenia patients : a preliminary study			
P4-2	Kremlack, J	Dept. of Pathophysiology, Charles University in Prague, Faculty of Medicine in Hradec Kralove, Czech Republic	Czech Republic
Visual motion mismatch negativity – no effect of task modulation			
P4-3	Watanabe, H	Research Fellow of the Japan Society for the Promotion of Science, Graduate School of Education, Hokkaido University, Hokkaido, Japan	Japan
The method for clear distinction between short and long duration MMNm			
P4-4	Matuoka, T	Department of Neuropsychiatry, Hirosaki University School of Medicine, Hirosaki, Japan	Japan
The probability effect on the discriminative sensitivity inside temporal window integration			
P4-5	Smirnov, K	Russian Research Institute of Sport, Moscow, Russia	Russia
Molecular genetic and EEG correlates of aggressiveness			
P4-6	Freire, I	CEFALA, Center for Research on Speech, Acoustics, Language and Music, Universidade Federal de Minas Gerais, Belo Horizonte, Brazil	Brazil
Is the mismatch negativity a symmetrical measure of change? Mathematico-philosophical and experimental investigations.			
P4-7	Zarchi, O	The Behavioral Neurogenetics Center, Schneider Children's Medical Center of Israel, Petah Tiqwa, Israel	Israel
Mismatch negativity in Williams syndrome : a window for understanding auditory oversensitivity			
P4-8	Lai, C	Department of Neurology, Faculty of Medicine, College of Medicine, Kaohsiung Medical University, Kaohsiung, Taiwan	Taiwan
The effects of cholesterol and CYP46 polymorphism on cognitive event-related potentials			
P4-9	Sakamoto, K	Advanced Research Institute for the Sciences and Humanities (ARISH), Nihon University, Tokyo, Japan	Japan
The effect of mastication on human cognitive processing : A study using event-related potentials			
P4-10	Farina, J	Cognitive Neurology Group, Department of Neurology and Neurosurgery, Moinhos de Vento Hospital, Porto Alegre, Brazil	Brazil
Computer games training may affect normative values of some event related potentials in children			
P4-11	Akimoto, H	Research Institute of Electronics, Shizuoka University, Hamamatsu, Japan	Japan
Effects of odor on event-related potential (P300) and pleasantness			
P4-12	Krbot, M	University of Zagreb, Zagreb, Croatia	Croatia
Influence of parameters of the Sternberg memory task (the set size and probe item affiliation) on cognitive event-related potentials			
P4-13	Bocquillon, P	Universite Lille Nord de France, UDSL, France	France
Event-related potentials to target and distractor : localization of the P300 cortical sources by swLORETA			
P4-14	Ishikawa, B	Hotoku-kai Utsunomiya Hospital, Tochigi, Japan	Japan
P300 ERP of normal young adults			

P4-15	Boucher, O	Ecole de psychologie, Universite Laval, Quebec, Canada	Canada
Using event-related potentials in the assessment of the neurotoxic effects of seafood contaminants in Inuit children from Arctic Quebec			
P4-16	Toshima, H	Dept. of Physiol., Jikei Univ. Sch. of Med., Tokyo, Japan	Japan
Brain imaging in Karuta players with near-infrared optical topography and event-related potential			
P4-17	Watanabe, Y	Department of Neurology, Dokkyo Medical University, Mibu, Tochigi, Japan	Japan
Abnormal information processing in migraine patients evaluated by auditory counting oddball paradigm			
P4-18	Okazaki, S	Institute of Disability Sciences, Graduate School of Comprehensive Human Sciences, University of Tsukuba	Japan
Event-related potentials in attentional control during vigilance task with ordinary and reverse stimulus sequences			
P4-19	Holeckova, I	Department of Neurosurgery, University Hospital and Medical Faculty Plzen, Czech Republic	Czech Republic
A combined ERP and PET study in persistent vegetative state patients			
P4-20	Lee, G	Department of Neurology, Korea University College of Medicine, Seoul, Korea	Korea
Decreased theta oscillation during visual oddball task in patients with restless legs syndrome			
P4-21	Fogelson, N	Department of Psychology, University of A Coruna, Spain	Spain
The role of the frontostriatal system in local contextual processing : Evidence from Parkinson's disease patients			
P4-22	Tachibana, H	Division of General Medicine, Department of Internal Medicine, Hyogo College of Medicine, Hyogo, Japan	Japan
Electrophysiological components predicting levodopa responsiveness in patients with Parkinson's disease			
P4-23	Tingting, W	Department of Neurology, the First Hospital of Peking University, Beijing, China	China
The study about P300 of patients of type 2 diabetic with cerebral ischemia and those without cerebral ischemia			
P4-24	Edlinger, G	G.Tec Medical Emgineering GmbH, Guger Technologies OG	Austria
P300 and SSVEP based brain-computer interface for control of a smart home virtual environment			
P4-25	Kodama, T	Cognitive and Molecular Research Institute of Brain Diseases and Kurume University, School of Medicine, Kurume City, Japan	Japan
Neuropsychiatric analyses on effects of the color environments on cognitive functions in traumatic brain injury			
P4-26	Tekeli, H	Canakkale Asker Hastanesi, Noroloji Servisi, Canakkale, Turkey	Turkey
Event related potentials within adults with hypospadias			
P4-27	Okajima, Y	Department of Psychiatry, Showa University School of Medicine	Japan
Event-related potentials and personality traits in persons with Asperger disorder			

P5

Parkinson's disease
Hirata K (Mibu)

Free Discussion
KICC
Room 501, 502

Talking Poster
Oct. 29, Fri
Venue E
KICC : Main Hall

P5-1	Harada, T	Department of Health Services Management, Hiroshima International University	Japan
Evaluation of circadian rhythm of heart-rate variability and autonomic cardiovascular function in Parkinson's disease			
P5-2	Alegre, M	Neurosciences Area, CIMA, University of Navarra, Spain	Spain
Theta subthalamic activity in impulse control disorders in Parkinson disease			
P5-3	Kristeva, R	Neurological Clinic, University of Freiburg, Freiburg i. Br., Germany	Germany
Short-term effects of dance on motor control in Parkinsons disease patients			
P5-4	Uematsu, E	Department of Neurology, Yokohama City University Hospital, Yokohama, Japan	Japan
Electrophysiological analysis of Myerson sign in Parkinson's disease			
P5-5	Iijima, M	Department of Neurology, Tokyo Women's Medical University School of Medicine, Tokyo, Japan	Japan
Event-related synchronization and desynchronization during a visual-motor integrated processing in Parkinson's disease			
P5-6	Kitagawa, M	Department of Neurology, Sapporo Azabu Neurosurgical Hospital, Sapporo, Japan	Japan
EEG reactivity to eye opening correlates with the clinical subtype of Parkinson's disease			
P5-7	Uemura, Y	Division of Neurology, Department of Brain and Neurosciences, Faculty of Medicine, Tottori University, Japan	Japan
Usefulness of actigraphy in screening for mild Parkinsonian signs			
P5-8	Elben, S	Institute of Clinical Neuroscience and Medical Psychology, Department of Neurology / Centre for Movement Disorders and Neuromodulation, Heinrich-Heine-University Duesseldorf, Germany	Germany
Increase of subthalamic low-frequency oscillations during a verbal fluency task in Parkinson's disease			
P5-9	Toxopeus, C	Department of Neurology, University Medical Center Groningen (UMCG), Groningen, The Netherlands	Netherlands
Evidence from EMG and kinematics for deteriorated muscle activation patterns during manual circle movement in patients with Parkinson's disease			
P5-10	Sato, H	Department of Neurology, Aizawa Hospital, Matsumoto, Japan	Japan
Superimposing effects of visual and auditory cues on freezing of gait in Parkinson disease			
P5-11	Chen, C	Department of Neurology, Chang Gung Memorial Hospital, Taipei, Taiwan	Taiwan
Complexity of subthalamic 13–35 Hz oscillatory activity directly correlates with clinical impairment in patients with PD			
P5-12	Kyaw, W	The Department of Therapeutic Medicine (Neurology), Ehime University Graduate School of Medicine, Tohn Ehime, Japan	Japan
Evaluation of patients with Parkinson's disease using driving simulator in comparison with neurological signs			
P5-13	Ikeda, K	Department of Gastroenterology and Neurology, Kagawa University	Japan
Quantitative analysis of skin sensory threshold in patients with Parkinson's disease			
P5-14	Balaz, M	First Department of Neurology, Masaryk University, St. Anne University Hospital, Brno, Czech Republic	Czech Republic
Time-frequency and spectral analysis of auditory executive event-related potentials in subthalamic nucleus			

P5-15	Ide, J	Department of Human Science, Seinan Gakuin University, Fukuoka, Japan	Japan
Feature extraction for hand movement of PD patients under visual target tracking and its relation to visual inspection			
P5-16	Hama, T	Department of Neurology, Nagoya University Graduate School of Medicine, Nagoya, Japan	Japan
Pain related SEP and cortical SEP in Parkinson's disease			
P5-17	Borgohain, R	Department of Neurology, Nizam's Inst. of Medical Sciences, Punjagutta, Hyderabad, India	India
Autonomic function and quantitative sensory testing (QST) in PD and PD plus syndromes			
P5-18	Libelius, R	Department of Pharmacology and Clinical Neurosciences, Division of Clinical Neurophysiology, University Hospital, Umea, Sweden	Sweden
Quantitative EMG abnormalities of the external anal sphincter were found in patients with Parkinsonism within three months after the first visit			
P5-19	Yoshida, F	Department of Neurosurgery, Kyushu University, Fukuoka, Japan	Japan
Value of subthalamic nucleus local field potentials recording in predicting stimulation parameters for deep brain stimulation in Parkinson's disease			
P5-20	Nishida, N	Department of Neurosurgery, Kitano Hospital Tazuke Kofukai Medical Research Institute, Osaka, Japan	Japan
Deep brain stimulation of the subthalamic nucleus retrieves the normal REM stage with atonia in Parkinson's disease			
P5-21	Higuchi, Y	Department of Neurological Surgery, Chiba University Graduate School of Medicine, Chiba, Japan	Japan
Effects of chronic subthalamic stimulation on electroencephalography in Parkinson's disease			
P5-22	Nakano, N	Department of Neurosurgery, Kinki University, School of Medicine. Osakasayama, Osaka, Japan	Japan
The 20 Hz oscillatory brain activity evoked by high-frequency stimulation of subthalamic nucleus in the patients with Parkinson's disease.			
P5-23	Maruo, T	Department of Neurosurgery, Osaka University Graduate school of Medicine, Japan	Japan
Deep brain stimulation of the subthalamic nucleus improves temperature sensation in Parkinson's disease			
P5-24	Bockova, M	First Department of Neurology, Masaryk University, St. Anne Hospital, Brno, Czech Republic	Czech Republic
Involvement of the subthalamic nucleus and globus pallidus internus in orientation and attention			
P5-25	Alegre, M	Neurosciences Area, CIMA, University of Navarra, spain	Spain
Coupling between beta and high-frequency activity in the human subthalamic nucleus may be a pathophysiological mechanism in Parkinson disease			
P5-26	Schelter, B	Freiburg Center for Data Analysis and Modeling, University of Freiburg, Freiburg, Germany	Germany
Parkinson's disease : the tremor-correlated network of the subthalamic nucleus			
P5-27	Husarova, I	First Department of Neurology, St. Anne University Hospital, Masaryk University Brno, Czech Republic	Czech Republic
Basal ganglia and cerebellum in the motor timing prediction task : Effective connectivity			

P6	Epilepsy (1) Ikeda A (Kyoto)	Free Discussion KICC Room 502	Talking Poster Oct. 29, Fri Venue F KICC : Int'l Conf. Room
P6-1	Unay, B Department of Child Neurology, Gulhane Military Medical Academy, Ankara, Turkey	Turkey	Effect of vagus nerve stimulation on EEG and seizure frequency in children with intractable epilepsy
P6-3	Wu, J University of California, Los Angeles (UCLA), USA	USA	Removing interictal fast ripples on electrocorticography linked with seizure freedom in children
P6-4	Usui, N National Epilepsy Center, Shizuoka Institute of Epilepsy and Neurological Disorders, Shizuoka, Japan	Japan	Very high frequency oscillations (over 1000 Hz) in human epilepsy
P6-5	Al-Rawas, S Department of Clinical Physiology/Clinical Neurophysiology - Sultan Qaboos University Hospital-Muscat-Oman, Oman	Oman	The correlation between EEGs amplitude and interictal abnormalities
P6-6	Chung, J Cedars-Sinai Medical Center Dept. of Neurology, Los Angeles, California, USA	USA	Is interictal EEG enough to predict seizure freedom in mesial temporal lobe epilepsy with hippocampal sclerosis?
P6-7	Amandusson, A Department of Clinical Neurophysiology, Uppsala University Hospital, Uppsala, Sweden	Sweden	Clinical utility of EEG dipole analysis in the preoperative evaluation of epilepsy surgery patients
P6-8	Kleen, J Dartmouth Medical School, Hanover, NH, USA	USA	Interplay of hippocampal interictal spikes and normal physiological oscillations in the production of transient working memory disruptions
P6-9	Bosnjak, J Department of Neurology, University Hospital Sestre Milosrdnice, Zagreb, Croatia	Croatia	Electroencephalography in patients with pineal gland cyst and epilepsy
P6-10	Coutin-Churchman, P Department of Clinical Neurophysiology, University of California Los Angeles, Los Angeles, California, USA	USA	Value of dipole analysis and eLORETA in the localization of EEG interictal spikes in epilepsy surgery patients
P6-11	Stern, J Department of Neurology, Geffen School of Medicine at UCLA, USA	USA	Comparison of dipole analysis and functional MRI in localization of epileptiform discharges
P6-12	Yoshinaga, H Department of Child Neurology, Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences, Okayama, Japan	Japan	Analysis of the preceding positive spikes in patients with benign partial epilepsy and febrile seizures
P6-13	Lin, Y Department of Neurology, Mackay Memorial Hospital, Taipei, Taiwan	Taiwan	Ceftazidime induced non-convulsive status epilepticus in a uremic and stroke patient
P6-14	Scherg, M MEGIS Software GmbH, Germany	Germany	BESA epilepsy : A new clinical tool for fast evaluation of interictal spikes in long-term EEG
P6-15	Cabanes-Martinez, L Clinical Neurophysiology Department, Fundacion Instituto San Jose, Madrid, Spain	Spain	Long-term evolution of Lennox-Gastaut syndrome in institutionalized patients
P6-16	Ishikawa, F Hotoku-kai Utsunomiya Hospital, Tochigi, Japan	Japan	Silent epileptic EEG areal seizure - long term EEG observation of repeated silent seizure in clinical environment

P6-17	Matsumoto, J	Division of Pediatric Neurology, Mattel Children's Hospital at UCLA, Los Angeles, CA, USA	USA
Plastic electrodes : the new "gold" for pediatric ECMO patients?			
P6-18	Beniczky, S	Danish Epilepsy Centre, Dianalund, Denmark	Denmark
SCORE : standardised computer-based organised reporting of EEG			
P6-19	Fumoto, N	Department of Neurology, Graduate School of Medicine, Kyoto University, Kyoto, Japan	Japan
Adult onset of eating epilepsy			
P6-20	Jeong, H	Department of Neurology, Chungnam National University Hospital, Daejeon, Korea	Korea
A case of status epilepticus preceding cerebral infarction			
P6-21	Watanabe, S	Section of Liaison Psychiatry and Palliative Medicine, Graduate School of Medical and Dental Sciences, Tokyo Medical and Dental University, Tokyo, Japan	Japan
A case of epilepsy with nonprogressive myoclonic status			
P6-22	Sailaja, S	Nizam's Institute of Medical Sciences, India	India
Ictal EEG onset patterns in temporal lobe epilepsy-a correlation with surgical outcome			
P6-23	Pugh, R	The Department of Clinical Neurophysiology, King's College Hospital, London, United Kingdom	UK
Parry Romberg Syndrome with intractable seizures associated with Rasmussen Encephalitis and monoclonal B cell proliferation on brain biopsy			
P6-24	Tombini, M	Department of Neurology, University Campus Biomedico, Rome, Italy	Italy
Mobile phone emission modulates inter-hemispheric functional coupling of EEG alpha rhythms in epileptic patients			
P6-25	Yamazaki, M	Seirei Hamamatsu General Hospital, Japan	Japan
Dense array EEG has become a powerful tool for long-term monitoring in patients with temporal lobe epilepsy.			
P6-26	Zhizhiashvili, L	Centre for Prevention and Control of Epilepsy, Georgia	Georgia
EEG characteristics in people with active epilepsy in urban settings in Georgia			
P6-27	Iizuka, T	Department of Neurology, School of Medicine, Kitasato University, Japan	Japan
Clinical perspective on pathophysiology of stroke-like episodes in MELAS			
P6-28	Tai, S	University Malaya Medical Centre, Malaysia	Malaysia
EEG abnormality in a patient with non-ketotic hyperglycaemia and partial motor seizures			

P7

Motor neuron diseases
Phillips LH (Charlottesville)

Free Discussion
KICC
Room 502

Talking Poster
Oct. 29, Fri
Venue G
Htl : Kairaku 1

P7-1	Ohnari, K	Department of Neurology, University of Occupational and Environmental Health, Fukuoka, Japan	Japan
-------------	-----------	--	-------

The fasciculation potentials and clinical course in amyotrophic lateral sclerosis (ALS)

P7-2	Feng, X	Department of Neurology. Peking Union Medical College Hospital. Chinese Academy Of Medical Science. Beijing, China	China
-------------	---------	--	-------

F-wave and nerve conduction studies in 138 patients with amyotrophic lateral sclerosis

P7-3	Ahn, S	Department of Neurology, Seoul National University Hospital, Seoul, Republic of Korea	Korea
-------------	--------	---	-------

Motor unit number estimation in evaluating disease progression in patients with amyotrophic lateral sclerosis

P7-4	Ahn, S	Department of Neurology, Seoul National University Hospital, Seoul, Republic of Korea	Korea
-------------	--------	---	-------

Reproducibility of the motor unit number index (MUNIX) in normal and ALS subjects

P7-5	Papagianni, A	Laboratory of Electromyography and Clinical Neurophysiology, Department of Neurology, Aeginition Hospital, University of Athens, Athens, Greece	Greece
-------------	---------------	---	--------

Involvement of the pyramidal fibers to Onuf's nucleus in ALS : a transcranial magnetic stimulation study.

P7-6	Fisher, K	Institute of Neuroscience, Newcastle University, Newcastle-upon-Tyne, UK	UK
-------------	-----------	--	----

15-30 Hz intermuscular coherence : a novel biomarker of upper motor neurone dysfunction in amyotrophic lateral sclerosis

P7-7	Koh, S	Department of Neurology, Hanyang University College of Medicine, Seoul, Korea	Korea
-------------	--------	---	-------

The condition of bone marrow-MSCs of ALS patients is strongly associated with their prognosis.

P7-8	Yoo, H	Department of Neurology, Bundang Jesaeng Hospital, Gyeonggi province, Korea	Korea
-------------	--------	---	-------

Comparison of functional characteristics of human bone marrow-mesenchymal stromal cells isolated from amyotrophic lateral sclerosis patients

P7-9	Shimizu, T	Department of Neurology, Tokyo Metropolitan Neurological Hospital, Tokyo, Japan	Japan
-------------	------------	---	-------

Median nerve somatosensory evoked potentials in respirator-dependent amyotrophic lateral sclerosis with ophthalmoplegia

P7-10	Kim, J	Department of Neurology, Seoul National University, College of Medicine, Seoul, Korea	Korea
--------------	--------	---	-------

Asymmetry of motor unit number estimation (MUNE) in patients with amyotrophic lateral sclerosis

P7-11	Shibuya, K	Department of Neurology Graduate School of Medicine Chiba University, Japan	Japan
--------------	------------	---	-------

Axonal excitability properties in patient with amyotrophic lateral sclerosis : Pathophysiology in "split hand"

P7-12	Hirayama, M	Department of Neurology Nagoya University Graduate School of Medicine, Japan	Japan
--------------	-------------	--	-------

The sensory nerve conduction study is beneficial to distinguish bulbar and spinal muscular atrophy from amyotrophic lateral sclerosis

P7-13	Pugdahl, K	Department of Clinical Neurophysiology, Aarhus University Hospital, Aarhus, Denmark	Denmark
--------------	------------	---	---------

Quantitative sensory testing in amyotrophic lateral sclerosis

P7-14	Burrell, J	Prince of Wales Medical Research Institute, Prince of Wales Clinical School, and University of New South Wales, Sydney, Australia	Australia
--------------	------------	---	-----------

Clinical and neurophysiological characteristics of an isolated bulbar phenotype of ALS

P7-15	Park, S	Department of Neurology, Seoul National University, College of Medicine, Seoul, Korea	Korea
The effect of chronic intermittent hypoxia in ALS mice model.			
P7-16	Misawa, S	Department of Neurology, Chiba University Graduate School of Medicine, Chiba, Japan	Japan
Muscle ultrasonography : A useful alternative approach to detect fasciculations in amyotrophic lateral sclerosis			
P7-17	Roos, P	Department of Clinical Neurophysiology, Oslo University Hospital, Oslo, Norway	Norway
Concentrations of manganese in cerebrospinal fluid and blood plasma from patients with amyotrophic lateral sclerosis			
P7-18	Kim, H	Department of Neurology, College of Medicine, Hanyang University, Seoul, Korea	Korea
Extra-motor area involvement could be a prognostic factor of disease progression in ALS? : Diffusion tensor image analysis			
P7-19	Reisin, R	Department of Neurology, Hospital Britanico, Buenos Aires, Argentina	Argentina
Peripheral neuropathy and VIII cranial nerve involvement in Fabry disease			
P7-20	Fujimaki, Y	Department of Neurology, Tokyo Metropolitan Neurological Hospital, Japan	Japan
Central and peripheral sensory pathway function in familial amyotrophic lateral sclerosis			
P7-21	Paek, W	Department of Neurology, Hanyang University Hospital, Seoul, South Korea	Korea
Clinical characteristics and prognostic factors in patients with amyotrophic lateral sclerosis			
P7-22	Baumann, F	Department of Neurology, Royal Brisbane and Women's Hospital, Brisbane, Australia	Australia
Novel upper and lower motor neuron markers in amyotrophic lateral sclerosis			
P7-23	Boerio-Gueguen, D	Institute of Neurology, Sobell Department of Motor Neuroscience and Movement Disorders, Institute of Neurology, University College London, UK	UK
Multiple measures of axonal excitability in a mouse model of Kennedy disease			
P7-24	Higashihara, M	Department of Neurology, the University of Tokyo, Japan	Japan
Quantitative analysis of surface electromyography for the evaluation of lower motor neuron involvement in spinal and bulbar muscular atrophy			
P7-25	Liu, M	Department of Neurology, Peking Union Medical College Hospital, Beijing, China	China
Comparison of electrophysiological manifestations in Kennedy disease and progressive muscular atrophy			
P7-26	Kanai, K	Department of Neurology, Chiba University Graduate School of Medicine, Chiba, Japan	Japan
LH-RH analogue therapy improves the abnormalities of axonal membrane excitability properties in spinal and bulbar muscular atrophy			
P7-27	Pigonska, J	Department of Extrapyramidal Diseases, Medical University of Lodz, Lodz, Poland	Poland
Lower motor neuron Mills syndrome (?). A case report.			

P8

**Near-infrared spectroscopy (NIRS),
Language**
Hoshi Y (Tokyo)

Free Discussion
KICC
Room 503-505

Talking Poster
Oct. 29, Fri
Venue H
Htl : Kairaku 2

P8-1	Yamasaki, T	Department of Clinical Neurophysiology, Neurological Institute, Graduate School of Medical Sciences, Kyushu University, Fukuoka, Japan	Japan
Neural basis of familiar voice recognition in preschool children : A near-infrared spectroscopic study			
P8-2	Remijn, G	Department of Psychiatry and Neurobiology, Kanazawa University, Kanazawa, Japan	Japan
NIRS-measurements of cortical hemodynamic activity in adults and preschool infants in response to static and motion stimuli			
P8-3	Bembich, S	Department of Reproductive and Development Sciences, University of Trieste, Italy	Italy
Optical topography assessment of dominant hemisphere for language during passive listening			
P8-4	Okamoto, Y	Cognitive and Molecular Research Institute of Brain Diseases, Kurume University, Fukuoka, Japan	Japan
Changes in task-associated cerebral blood induced by Role lettering : Measurement by multichannel near-infrared spectroscopy			
P8-5	Näsi, T	Department of Biomedical Engineering and Computational Science (BECS), Finland	Finland
Amplitudes of rTMS-evoked NIRS responses correlate with changes in heart rate			
P8-6	Nakahachi, T	Department of Psychiatry, Osaka University Graduate School of Medicine, Japan	Japan
Multichannel NIRS revealed frontal cortex activation associated with speeded processing of visuospatial working memory			
P8-7	Yamamoto, A	Cognitive and Molecular Research Institute of Brain Diseases, Fukuoka, Japan	Japan
Effects of aging on activity of the prefrontal cortex during shiritori task			
P8-8	Matsushiro, N	Graduate School of Medicine, Chiba University, Chiba, Japan	Japan
Consideration on fluctuation in NIRS measurement			
P8-9	Yamashita, K	Department of Human Neurophysiology, Graduate School of Medicine, Chiba University, Japan	Japan
Auditory delayed feedback and learning : near infrared spectroscopy on the forehead.			
P8-10	Ogino, T	Nippon Medical School, Chiba Hokusoh Hospital, Department of Rehabilitation Medicine, Japan	Japan
Effects of transcranial direct current stimulation on movement associated cortical activation			
P8-11	Mizutani, T	The Graduate School of Psychology, Risho University, Tokyo, Japan	Japan
Developmental change of prefrontal activity in Go/Nogo task revealed by near infrared-spectroscopy			
P8-12	Eda, H	Graduate School for Industrial Creation by Photonics, Hamamatsu, Japan	Japan
Fundamental study of near-infrared spectroscopy with spectroscopic technique with wide range of wavelength information			
P8-13	Yoshitake, H	The Graduate School of Education, Ibaraki University, Ibaraki, Japan	Japan
Neurocognitive examination of Rock-Scissors-Paper behavior revealed by near infrared-spectroscopy			
P8-14	Shoji, H	Laboratory of Physiology, College of Education, Ibaraki University, Ibaraki, Japan	Japan
Evaluation of olfactory sensation in people with profound and/or multiple disabilities revealed by near infrared spectroscopy (NIRS)			

P8-15	Hiyamizu, M	Department of Physical Therapy, Faculty of Health Science, Kio University, Nara, Japan	Japan
Relationship between brain activity and standing posture control on dual task situation			
P8-16	Turovets, S	Electrical Geodesics, Inc., Eugene, Oregon, USA	USA
Computational studies of NIRS using layered slab and MRI based head models			
P8-17	Squintani, G	UO Neurologia, Azienda Ospedaliera Universitaria Integrata, Verona, Italy	Italy
NIRS (near infrared spectroscopy) : evaluation of oxygen consumption in neuropathic and myopathic patients			
P8-18	Iwase, M	Department of Psychiatry, Osaka University Graduate School of Medicine, Suita, Osaka, Japan	Japan
Two-channel NIRS activation curves of oxyhemoglobin during frontal lobe tasks in schizophrenia			
P8-19	Koike, S	The Department of Neuropsychiatry, Univ. of Tokyo, Tokyo, Japan	Japan
Prefrontal hemodynamic change in differential clinical staging of schizophrenia : a multi-channel near-infrared spectroscopy (NIRS) study			
P8-20	Dan, I	Center for Development of Advanced Medical Technology, Jichi Medical University, Tochigi, Japan	Japan
Probabilistic spatial registration of NIRS imaging data with crossmodal clinical perspective			
P8-21	Wittfoth, M	Department of Neurology, Hannover Medical School, Hannover, Germany	Germany
Conflict processing of incongruent prosodic and semantic information			
P8-22	Goto, T	Department of Neurosurgery, Osaka University Medical School, Osaka, Japan	Japan
Single trial classification of phonemes for electrocorticographic brain-machine interfaces			
P8-23	Medaglia, M	School of Psychology, University of Birmingham, Birmingham, UK	UK
How Aristotelian categorical proposition structures could help to identify the neural basis of contradictory judgments			
P8-24	Medaglia, M	School of Psychology, University of Birmingham, Birmingham, UK	UK
The identification of contradiction by the reasoning brain : distinct neural structures manipulate attributes and the terms All and Some			
P8-25	Horie, S	Department of Clinical Neurophysiology, Neurological Institute, Faculty of Medicine, Graduate School of Medical Sciences, Kyushu University, Fukuoka, Japan	Japan
Differential effects of spatial frequency on the processing of Japanese Kanji and Kana: An MEG analysis			
P8-26	Okada, R	Department of Neurosurgery, Kinki University School of Medicine, Osaka, Japan	Japan
Language function associated with phonemic and context cue in verbal fluency tasks : an fMRI study			
P8-27	Takamura, M	Hiroshima University, Graduate School of Education, Japan	Japan
The role of visual imagery in concrete word processing : Effects of dynamic visual noise on event-related potentials to spoken words			

P9

Sleep, Epilepsy (2)
Tachibana N (Osaka)

Free Discussion
KICC
Room 503-505

Talking Poster
Oct. 29, Fri
Venue I
KICC : Room 401, 402

P9-1	Jennum, P	Danish Centre for Sleep Medicine, Department of Clinical Neurophysiology, Glostrup University Hospital, Denmark	Denmark
-------------	-----------	---	---------

Multi-modal REM behaviour disorder detection associated with neurodegenerative diseases

P9-2	Kuriki, A	Graduate School of Integrated Arts and Sciences, Hiroshima University, Hiroshima, Japan	Japan
-------------	-----------	---	-------

Effect of sleep regularity on daytime sleepiness

P9-3	Tsai, Y	Department of Neurology, Chang Gung Memorial Hospital and University, Taoyuan, Taiwan	Taiwan
-------------	---------	---	--------

Sleep spindle oscillation regulated unilaterally : recording from human thalamus

P9-4	Takahara, M	Research Center of Brain and Oral Science, Kanagawa Dental College, Japan	Japan
-------------	-------------	---	-------

Effect of tasks just before bedtime on following sleep in children

P9-5	Kohsaka, S	Department of Pediatrics, Hokkaido University School of Medicine, Japan	Japan
-------------	------------	---	-------

Transient and sustained activations of the brainstem around K-complexes in humans

P9-6	Komada, Y	Department of Somnology, Tokyo Medical University, Japan	Japan
-------------	-----------	--	-------

Clinical and videopolysomnographic characteristics of sleep-related eating disorder.

P9-7	Kodama, M	Department of Neurology, Federation of National Public Service Personnel Mutual Aid Association, Hirakata Kohsai Hospital, Hirakata City, Osaka, Japan	Japan
-------------	-----------	--	-------

Leg movement durations and periodicities in periodic limb movements of three patients with brain lesion, spinal cord lesion, and leg bone fractures

P9-8	Jennum, P	Danish Centre for Sleep Medicine, Denmark	Denmark
-------------	-----------	---	---------

Validation of manual and automatic sleep scoring in normals and patients with neurodegenerative disorders

P9-9	Sasai, T	Japan Somnology Center, Neuropsychiatric Research Institute, Japan	Japan
-------------	----------	--	-------

The clinical significance of PLMS in REM sleep behavior disorder

P9-10	Knudsen, S	Danish Center for Sleep Medicine, Department of Clinical Neurophysiology, Glostrup Hospital, University of Copenhagen, Denmark	Denmark
--------------	------------	--	---------

REM sleep behaviour disorder in patients with narcolepsy is associated with hypocretin-1 deficiency

P9-11	Knudsen, S	Danish Center for Sleep Medicine, Department of Clinical Neurophysiology, Glostrup Hospital, University of Copenhagen, Denmark	Denmark
--------------	------------	--	---------

Validation of the ICSD-2 criteria for CSF hypocretin-1 measurements in the diagnosis of narcolepsy in the Danish population

P9-12	Isak, B	Marmara University Hospital, Department of Neurology, Istanbul, Turkey	Turkey
--------------	---------	--	--------

Neurophysiologic approach to the complex organization in spine : a study on FWD and utaneous silent period in primary restless legs patients

P9-13	van der Hoeven, H	Department of Neurology, University Medical Center Groningen, University of Groningen, The Netherlands	Netherlands
--------------	-------------------	--	-------------

Prevalence of obstructive sleep apneas in acute stroke patients

P9-14	Tachibana, N	Department of Neurology and Center for Sleep-related Disorders, Kansai Electric Power Hospital, Osaka, Japan	Japan
--------------	--------------	--	-------

Is change in clinical symptoms of idiopathic RBD reflected by polysomnographic characteristics? : Hypothesis about treatment mechanism of iRBD

P9-15	Ji, Z	Department of Advanced Systems Control Engineering, Saga University, Saga, Japan	Japan
Automatic EEG spike detection adaptable to state of background activities			
P9-16	Fujioka, H	Department of Neurosurgery, Graduate School of Medicine, Yamaguchi University, Yamaguchi, Japan	Japan
An implantable, focal brain cooling device for epilepsy therapy : An animal and clinical investigation			
P9-17	Ortega, G	Neurosurgery Department, Hospital Universitario La Princesa, Madrid, Spain	Spain
Impaired mesial synchronization in temporal lobe epilepsy			
P9-18	Kim, J	Department of Neurology, Chungnam National University Hospital, Daejeon, Korea	Korea
Role of serotonin and norepinephrine in spontaneous seizures of Noda epilepsy rats			
P9-19	Varotto, G	Dept of Neurophysiology and Diagnostic Epileptology, Fondazione IRCCS Istituto Neurologico C. Besta Milano, Italy	Italy
Partial directed coherence and graph theory indexes estimated on stereo-EEG signals in patients with Taylor's type focal cortical dysplasia			
P9-20	Varotto, G	Dept of Neurophysiology and Diagnostic Epileptology, Fondazione IRCCS Istituto Neurologico C. Besta Milano, Italy	Italy
Study of connectivity by means of partial directed coherence on EEG signals in photosensitive patients during 14 Hz intermittent photic stimulation			
P9-21	Matsuo, F	Neurology Department, University of Utah School of Medicine, USA	USA
Polygraphic EEG analysis of interictal focal epileptiform transients (IFET)			
P9-22	Almubarak, S	Department of Diagnostic Neurophysiology, British Columbia Children Hospital / UBC, Vancouver, Canada	Canada
Prognosis of EEG findings in the first year of life			
P9-23	Naik, K	Department of Neurology, KLE Society's Jawaharlal Nehru Medical College, Belgaum, India.	India
How common are the electroclinical seizures in the routine electroencephalogram?			

P10

Pharmacophysiology, Bioelectric activity generators, Neuromonitoring

Kinoshita T (Osaka)

Free Discussion
KICC
Room 503-505

Talking Poster
Oct. 29, Fri
Venue J
Htl : Ikuta

P10-1	Yamamoto, T	Department of Psychology, Tezukayama University, Nara, Japan	Japan
MHPG measurement in saliva as an indicator of CNS activity			
P10-2	Kikuchi, K	Yame Public General Hospital, Japan	Japan
Edaravone attenuates the cerebral ischemic injury by inhibiting aquaporine-4			
P10-3	Fan, H	Department of Pediatrics, Tri-Service General Hospital and National Defense Medical Center, Taiwan	Taiwan
THE sensitisation of TRPV4 in mechanical hyperalgesia is PKC pathways dependent			
P10-4	Fan, H	Department of Pediatrics, Tri-Service General Hospital and National Defense Medical Center, Taiwan	Taiwan
Activation of the TRPV4 ion channel is enhanced by phosphorylation			
P10-5	Shields, K	Neural Plasticity Unit, UCL Institute of Child Health, London, United Kingdom	UK
Nerve excitability parameters are biomarkers that can differentiate between voltage-gated sodium (VGSC) blockers and may aid in drug development			
P10-6	Koltzenburg, M	UCL Institute of Neurology, UK	UK
Use of changes in specific nerve excitability parameters as a biomarker for the blockade of HCN/Ih by Org 34167			
P10-7	Kim, J	Department of Psychiatry, Gil Medical Center, Gachon University of Medicine and Science, Korea	Korea
Diminished heart rate variability associated with the severity of psychotic symptoms in schizophrenia			
P10-8	Kim, J	Department of Psychiatry, Gil Medical Center, Gachon University of Medicine and Science, Incheon, South Korea	Korea
Reduced heart rate dynamics associated with antipsychotic-induced subjective inner restlessness in schizophrenia			
P10-9	Berkeley, R	UCL Institute of Child Health, UK	UK
Co-application of the membrane impermeable local anaesthetic QX-314 with lidocaine produces a selective and prolonged block of unmyelinated fibres			
P10-10	Tanaka, K	Kyushu Institute of Technology, Japan	Japan
A new single-trial-EEG-based BCI – Validation of quantification method of type II modeling			
P10-11	Kornhuber, C	Klinik fuer Strahlentherapie, Universitaetsklinikum Halle (Saale), Germany	Germany
Action potential generation in neurons: A simple computerized model			
P10-12	Vaisanen, O	Department of Biomedical Engineering, Tampere University of Technology, Tampere, Finland	Finland
Comparison between weighted multielectrode leads and beamformers in improving the SNR of EEG generated by deep EEG sources			
P10-13	Astolfi, L	Department of Computer Science and Systems, University of Rome "Sapienza", Italy	Italy
Study of the cortical activity from simultaneous multi-subject EEG recordings			

P10-14	Astolfi, L	Department of Computer Science and Systems, University of Rome Sapienza, Rome, Italy	Italy
Estimation of the cortical spectral activity from high resolution EEG during voluntary modification of the mental state			
P10-15	Sipila, S	Department of Clinical Neurophysiology, Oulu University Hospital, Oulu, Finland	Finland
Tonic excitatory current mediated by ionotropic glycine receptors in the neonatal rat hippocampus			
P10-16	Jantti, V	Department of Clinical Neurophysiology, Seinajoki Central Hospital, Seinajoki, Finland	Finland
Complexity and entropy of anesthesia EEG at onset of burst suppression			
P10-17	Palmu, K	Department of Clinical Neurophysiology, University Hospital of Helsinki, Helsinki, Finland	Finland
Measures of the spontaneous, intermittent activity in the early preterm EEG			
P10-18	Thordstein, M	Dep. Clinical Neurophysiology, Sahlgrenska Academy, University of Gothenburg, Goteborg, Sweden	Sweden
Automated classification of human neonatal EEG			
P10-19	Fukuoka, K	Department of Clinical Laboratory, Kobe University Hospital, Kobe, Japan	Japan
An experience of intraoperative electrophysiological monitoring in the surgery of eloquent cortex—"The role of medical laboratory"			
P10-20	Kamata, K	Department of Anesthesia, Tampere University Hospital, Tampere, Finland	Finland
EMG recorded from frontal, masseter, and submental muscles under propofol anesthesia			
P10-21	Oki, T	Department of Clinical Laboratory, Kobe University Hospital, Kobe, Japan	Japan
Case report : N20 amplitude of SEP lost during late clamping phase of carotid endarterectomy.			
P10-22	Urriza, J	Clinical Neurophysiology Department. Complejo Hospitalario de Navarra, Pamplona. Navarra, Spain.	Spain
Changes in MEP monitoring in a case of endovascular aortic repair			
P10-23	Pandia, M	Stanford University School of Medicine, Palo Alto, USA	USA
Transcranial motor evoked potential monitoring during isoflurane and nitrous oxide anesthesia			
P10-24	Foley, B	The Community Spine Center, Community Health Network, Indianapolis, Indiana, USA	USA
The prevalence of Hoffmann's sign in asymptomatic persons			

P11

TMS (1)
Terao Y (Tokyo)

Free Discussion
KICC
Room 403

Talking Poster
Oct. 30, Sat
Venue A
Portopia Hall

P11-1	Oouchida, Y	The department of Physical Medicine and Rehabilitation, Tohoku university, Sendai, Japan	Japan
Inhibitory 1 Hz TMS to supplementary motor area reduced action tremor			
P11-2	Houdayer, E	Human Motor Control Section, NINDS, NIH, Bethesda, USA	USA
Ventral premotor-motor interaction in surround inhibition and movement preparation in focal hand dystonia			
P11-3	Rakowicz, M	Department of Clinical Neurophysiology, Institute of Psychiatry and Neurology, Warsaw, Poland	Poland
Cortical excitability and functional state of corticospinal pathway among presymptomatic spinocerebellar ataxia type 1 gene carriers			
P11-4	Rakowicz, M	Clinical Neurophysiology, Institute of Psychiatry and Neurology, Warsaw, Poland	Poland
The influence of the repetitive transcranial magnetic stimulation on motor symptoms in Parkinson disease			
P11-5	Bares, M	First Department of Neurology, St. Anne University Hospital and School of Medicine, Masaryk University, Brno, Czech Republic	Czech Republic
Is the cerebellum potential target for stimulation in Parkinson disease? The effect of 1 Hz rTMS over the cerebellum on the upper limb motor tasks			
P11-6	Nakamura, M	Kinkou Hospital, Kanagawa Psychiatric Center, Kanagawa, Japan	Japan
Navigation-guided repetitive transcranial magnetic stimulation (rTMS) applied to major depression and rTMS-induced increase of gray matter volume			
P11-7	Ilic, T	Department of Clinical Neurophysiology, Military Medical Academy, Belgrade, Serbia	Serbia
Slow-rate tonic rTMS combined with sleep deprivation in treatment of pharmacoresistant depression			
P11-8	Chistyakov, A	Department of Neurosurgery, Rambam Health-Care Campus, Faculty of Medicine, the Technion, Israel Institute of Technology, Haifa, Israel	Israel
Antidepressant effects of different schedules of theta-burst TMS in patients with major depression			
P11-9	Hosomi, K	Department of Neurosurgery, Osaka University Graduate School of Medicine, Osaka, Japan	Japan
Cortical excitability changes in high-frequency rTMS for central post-stroke pain			
P11-10	Kobayashi, M	Department of Neurosurgery, Saitama Medical University, Japan	Japan
Effect of rTMS over unaffected M1 on motor performance and motor skill learning with affected hand of chronic stroke patients			
P11-11	Koganemaru, S	Department of Brain Pathophysiology, Kyoto University Graduate School of Medicine, Kyoto, Japan	Japan
Long lasting effects of repeated upper-limb extensor training combined with rTMS in chronic stroke patients			
P11-12	Furtula, J	Department of Clinical Neurophysiology, Aarhus University Hospital, Denmark	Denmark
Triple stimulation technique applied on ALS patients and control subjects			
P11-13	Wang, Y	Dept. of Neurology, Peking Union Medical College Hospital, Peking Union Medical College, Chinese Academy of Medical Sciences, China	China
Assessment of the upper motor neuron lesion in amyotrophic lateral sclerosis with triple stimulation technique			

P11-14	Kimiskidis, V	The Third Department of Neurology, Aristotle University of Thessaloniki, Thessaloniki, Greece	Greece
Transcranial magnetic stimulation terminates epileptiform discharges in patients with partial epilepsy : a combined EEG-TMS study			
P11-15	Pitcher, J	Robinson Institute, School of Paediatrics & Reproductive Health, Faculty of Health Sciences, University of Adelaide, Adelaide, Australia	Australia
Gestation length and fetal growth have independent effects on corticospinal development in children : the PREMOCODE study			
P11-16	Pitcher, J	Robinson Institute, School of Paediatrics & Reproductive Health, Faculty of Health Sciences, University of Adelaide, Adelaide, Australia	Australia
Poor cognitive development is associated with reduced motor cortex excitability in children born Preterm : the PREMOCODE study			
P11-17	Murakami, T	Motor Cortex Group, Department of Neurology, Goethe University, Frankfurt am Main, Germany	Germany
Changes in excitability of the human motor cortex face area by observing speech			
P11-18	Restle, J	Department of Neurology, Johann Wolfgang Goethe – University of Frankfurt, Frankfurt, Germany	Germany
Intermittent theta burst stimulation over Broca's area improves imitation of a foreign language			
P11-19	Rossi, S	Dipartimento di Neuroscienze, Sez. Neurologia, University of Siena, Italy	Italy
Cortical functional connectivity in the vegetative state and minimally conscious state : an investigation with TMS-evoked potentials (TEPs)			
P11-20	Vaalto, S	Department of Clinical Neurophysiology, Hospital District of Helsinki and Uusimaa, Helsinki University Central Hospital, Helsinki, Finland	Finland
Effect of 1-Hz rTMS on spastic hemiparesis in CP-patients with ipsi- or bilateral corticospinal motor tracts : a report of first two cases			
P11-21	Wu, Z	Department of Neurology, Taipei Veterans General Hospital, Taipei, Taiwan	Taiwan
Migraine prophylaxis by theta burst stimulation over primary motor cortex			
P11-22	Zaoroor, M	Department of Neurosurgery, Rambam Health-Care Campus, Faculty of Medicine, the Technion, Israel Institute of Technology, Haifa, Israel	Israel
Corticospinal excitability in normal pressure hydrocephalus			
P11-23	Ting, S	Department of Neurology, National Neuroscience Institute, Singapore General Hospital, Singapore	Singapore
An open-label study of short duration repetitive transcranial magnetic stimulation (rTMS) for tinnitus treatment in an Asian population			
P11-24	Matsumoto, H	Department of Neurology, the University of Tokyo, Japan	Japan
Cauda equina conduction time in patients with acquired demyelinating polyneuropathy			
P11-25	Yoshinaga, K	Department of Neurology, University of Occupational and Environmental Health, Japan	Japan
BOLD changes detected after repetitive transcranial magnetic stimulation			
P11-26	Attal, N	inserm U987, Centre d'Evaluation et de traitement de la douleur, Hopital Ambroise Paré, APHP, Boulogne-Billancourt, France	France
Long term analgesic efficacy of transcranial magnetic stimulation of the motor cortex in patients with fibromyalgia			
P11-27	Wang, X	Department of Neurology, Affiliated Hospital of North Sichuan Medical College, Nanchong City, China	China
Effects of pretreatment with low-frequency repetitive transcranial magnetic stimulation on expressions of bcl-2, fas and caspase-3 in rat hippocampus			

P12

Peripheral neuropathy, Nerve conduction (2)
Baba M (Hirosaki)

Free Discussion
KICC
Room 405, 406

Talking Poster
Oct. 30, Sat
Venue B
South Wing 1F,
Ohwada A

P12-1	Subasree, R	National Institute of Mental Health and Neurosciences (NIMHANS), Bangalore, India	India
--------------	-------------	---	-------

Subtyping Guillain–Barré syndrome : utility of clinical evaluation and sensory conduction studies

P12-2	Incesu, T	Neurology Department, Ataturk Research and Training Hospital, Izmir, TURKEY	Turkey
--------------	-----------	---	--------

Diagnostic value of lumbar root stimulation at early stage of Guillain–Barré syndrome

P12-3	Nafissi, S	Shariati Hospital, Department of Neurology, Tehran University of Medical Sciences, Tehran, Iran	Iran
--------------	------------	---	------

Electrophysiologic findings in Guillain–Barré syndrome

P12-4	Hernandez, A	Frank Pais Hospital, Cuba	Cuba
--------------	--------------	---------------------------	------

Guillain–Barré syndrome and chronic inflammatory demyelinating polyneuropathy : Electrophysiologic differences

P12-5	Nishijima, H	Department of Neurology, Aomori Prefectural Central Hospital, Aomori, Japan	Japan
--------------	--------------	---	-------

Hypogeusia in Guillain–Barré syndrome : a longitudinal study by electrogustometry

P12-6	Huang, C	Department of Neurology, Taipei Municipal Wanfang Hospital, Taipei Medical University, Taiwan	Taiwan
--------------	----------	---	--------

Acute hepatitis B related sensory dominant sensorimotor demyelinating polyneuropathy or a variant of Guillain–Barré syndrome?

P12-7	Mishra, S	The Department of Neurology,Osmania General Hospital,Hyderabad,India	India
--------------	-----------	--	-------

Evaluation of patients presenting with Guillain–Barré syndrome in pregnancy

P12-8	Aysal, F	Bakirkoy Education and Research Hospital for Mental Health and Nervous Diseases, 2nd Neurology Clinic, Istanbul, Turkey	Turkey
--------------	----------	---	--------

Mixed nerve conduction studies as a predictor of response to treatment in chronic demyelinating neuropathy

P12-9	Kokubun, N	Departments of Neurology, Dokkyo Medical University, Japan	Japan
--------------	------------	--	-------

Conduction block in acute motor axonal neuropathy

P12-10	Boerio-Gueguen, D	CNRS, Institut de Neurobiologie Alfred Fessard, FRC2118, Gif sur Yvette, France	France
---------------	-------------------	---	--------

Multiple measures of peripheral nerve excitability in vivo in a mouse model of demyelinating neuropathy

P12-11	Sekiguchi, K	Department of Neurology, University of Kobe, Hyogo, Japan	Japan
---------------	--------------	---	-------

Nerve conduction characteristics of infliximab induced demyelinating neuropathy

P12-12	Notghi, L	Birmingham Children's Hospital, Birmingham, U. K.	UK
---------------	-----------	---	----

Neonatal axonal neuropathy : a curious presentation of congenital hypomyelination

P12-13	Tankisi, H	Department of Clinical Neurophysiology, University of Aarhus, Aarhus, Denmark	Denmark
---------------	------------	---	---------

Is there a reverse correlation between distal CMAP amplitude and duration in axonal and demyelinating polyneuropathies?

P12-14	Dbouk, M	Department of neurology , Shariati hospital, Tehran University of Medical Sciences, Iran	Iran
---------------	----------	--	------

Melanoma associated CIDP, report of two new cases and literature review

P12-15	Lim, Y	Department of Neurology, Asan Medical Center, University of Ulsan College of Medicine, Seoul, Korea	Korea
Clinically evident central nervous system demyelination in chronic inflammatory demyelinating polyneuropathy			
P12-16	Gratacos, M	Servei de Neurofisiologia Clinica, Seccio d'Electromiografia, Hospital Universitari de la Vall d'Hebron, Barcelona, Spain	Spain
Neurophysiological characterization of Miller Fisher syndrome patients : Report of 10 patients			
P12-17	Le, T	Department of Functional test, ChoRay hospital, Viet Nam	Viet Nam
Clinical features and laboratory findings of 7 cases with Miller-Fisher syndrome in ChoRay hospital			
P12-18	Straver, D	Department of Neurology, University Medical Centre Utrecht, Utrecht, The Netherlands	Netherlands
Exercise-induced weakness in demyelinating neuropathies			
P12-19	Straver, D	Neuromuscular disease group, Department of Neurology, Rudolf Magnus Institute of Neuroscience, University Medical Center Utrecht, The Netherlands	Netherlands
Cold paresis in multifocal motor neuropathy			
P12-20	van Dijk, J	Radboud University Nijmegen Medical Center, Donders Institute for Brain, Cognition and Behaviour, Nijmegen, The Netherlands	Netherlands
Age-related changes in motor unit number estimates in adult patients with Charcot-Marie-Tooth type 1A			
P12-21	Alcantara, M	Department of Neurosciences, Medical School of Ribeirao Preto, University of Sao Paulo, Brazil	Brazil
High resolution ultrasound of cervical roots and phrenic nerves in Charcot-Marie-Tooth disease type 1A (CMT1A) – a contribution to neurophysiology			
P12-22	Arimura, Y	Department of Neurology and Geriatrics, Kagoshima University, Kagoshima, Japan	Japan
Correlation between electrophysiological findings and genotype in CMT			
P12-23	Verma, K	Department of Neurology, National Neuroscience Institute, Singapore	Singapore
Electrophysiology in Charcot-Marie-Tooth disease type 1A and hereditary neuropathy with liability to pressure palsies – A Singapore experience			
P12-24	Pazzaglia, C	Department of Neuroscience, Catholic University of Rome, Italy	Italy
Mechanisms of neuropathic pain in a sample of Charcot-Marie-Tooth 1 A : a laser evoked potential study			
P12-25	Jankelowitz, S	Central Clinical School, Sydney Medical School, University of Sydney, Sydney, Australia	Australia
Axonal excitability in HNPP			
P12-26	Xinning, W	Department of Neurology, Peking Union Medical College Hospital, China	China
Neurophysiological characteristics of Hirayama disease			
P12-27	Lim, T	Penang General Hospital, Penang, Malaysia	Malaysia
Hirayama Disease			

P13
EMG
Sonoo M (Tokyo)

Free Discussion
 KICC
 Room 501

Talking Poster
 Oct. 30, Sat
 Venue C
 South Wing 1F,
 Ohwada B

P13-1	Pereon, Y	Laboratoire d'Explorations Fonctionnelles, University Hospital, Nantes, France	France
Muscle fiber conduction velocity assessment using tendon reflex recording: a new tool for the ENMG examination			
P13-2	Ohtsuka, H	Department of Integrative Neurophysiology, Chiba University Graduate School of Medicine, Chiba, Japan	Japan
Modulation of cutaneous reflexes during preparation of the contralateral finger movement			
P13-3	Wang, Y	Department of Infant Education, Iwakuni Junior College, Yamaguchi, Japan	Japan
Multi-muscle synergies for force control while making a first step			
P13-4	Uesugi, H	Department of Neurology and Neurosurgery, Sapporo Azabu Neurosurgical Hospital, Sapporo, Japan	Japan
"Clustering index method": a new technique for differentiation between neurogenic and myopathic changes using surface EMG			
P13-5	Lee, S	Department of Neurology, College of Medicine, University of Hallym, Chuncheon, Korea	Korea
The influence of the reference electrode on compound muscle action potential onset latency and amplitude			
P13-6	Nakamura, H	Department of Health-Promotion and Sports Science, Faculty of Biomedical Engineering, Osaka Electro-Communication University, Osaka, Japan	Japan
A simultaneous measurement system for MU discharge property and conduction velocity with multi-channel surface EMG signals			
P13-7	Koga, H	Department of Neurophysiological Laboratory, Kumamoto Kinoh Hospital	Japan
Objective evaluation of swallowing function of normal subjects and patients using surface electromyography: age effect and clinical usefulness			
P13-8	Tarata, M	Medical Informatics, University of Medicine and Pharmacy of Craiova, Craiova, Romania	Romania
Neuromuscular fatigue can be efficiently monitored through the SEMG signal			
P13-9	Tarata, M	Medical Informatics, University of Medicine and Pharmacy of Craiova, Craiova, Romania	Romania
SEMG derived parameters vs blood oxygen saturation in monitoring neuromuscular fatigue			
P13-10	Sasada, S	United of Graduate School Education, Tokyo Gakugei University, Tokyo, Japan	Japan
Arm pedaling modulates short latency reflex from ankle dorsiflexor afferents to knee extensor muscles			
P13-11	Parada, H	Departament of Physical Medicine and Rehabilitation Military Hospital, Central University of Venezuela, Caracas, Venezuela	Venezuela
Spectrum analysis of sound waves produced during electromyographic study			
P13-12	Takesada, M	Graduate School of Information Science, Nara Institute of Science and Technology, Ikoma, Japan	Japan
Relationship between mechanomyographic activity and muscle length during single twitch contraction			
P13-13	Oge, A	Department of Neurology, Istanbul University, Istanbul Faculty of Medicine, Turkey	Turkey
Decline of compound muscle action potentials and statistical MUNEs during Wallerian degeneration			
P13-14	Daube, J	Department of Neurology, Mayo College of Medicine, Rochester, Minnesota, USA	USA
Quantitative analysis of myotonic discharges to better distinguish neuromuscular disorders			

P13-15	Kurokawa, K	The Department of Neurology, Kawasaki Medical School, Okayama, Japan	Japan
Active myopathy in neck extensor muscles in Parkinsonism patients with dropped head syndrome			
P13-16	Papagianni, A	Laboratory of Electromyography and Clinical Neurophysiology, Department of Neurology, Aeginition Hospital, Athens, Greece	Greece
Turns amplitude analysis of facial muscles in normal subjects and myopathic patients			
P13-17	Cinar, N	Department of Neurology, Faculty of Medicine, Maltepe University, Istanbul, Turkey.	Turkey
Repetitive stimulation test findings in recovery from peripheral facial paralysis			
P13-18	Yayla, V	Neurology Clinics, Bakirkoy Dr. Sadi Konuk Research and Training Hospital, Istanbul, Turkey	Turkey
Estimation of prognosis by CMAP responses recorded from different facial muscles in acute facial palsy			
P13-19	Ozdemirkiran, T	Ataturk Education and Research Hospital, Department of Neurology, Yesilyurt, Izmir, Turkey.	Turkey
Motor unit action potentials of the cremaster muscle			
P13-20	Ozdemirkiran, T	Department of Neurology, Ataturk Education and Research Hospital, Yesilyurt, Izmir, Turkey	Turkey
Wide receptive field of cremasteric reflex (CMR) in human adult males			
P13-21	Rotar, M	Institute of Clinical Neurophysiology, University Medical Centre Ljubljana, Ljubljana, Slovenia	Slovenia
Uroneurophysiologic findings in 341 consecutive patients referred because of "sphincter dysfunction"			
P13-22	Mishima, D	The Department of Neurosurgery, National Hospital Organization Sagamihara National Hospital, Kanagawa, Japan	Japan
Identification of the waveform to show the damage of motor pathway in the free-run EMG of the operations for spinal cord : A case study			
P13-23	Dahani, D	Armed Forces Hospital Southern Region, Khamis Mushayt Saudi Arabia	Saudi Arabia
Importance of electromyographic assessment of paraspinal muscles in myopathy : evaluation of 78 patients			
P13-24	Osejo Altamirano, V	Neurophysiology Department, Hospital Universitario "La Princesa", Madrid, Spain	Spain
Diagnostic value of electromyography in evaluation of neural injury in lumbosacral radiculopathies			
P13-25	Kass, J	Dept. of Neurology, Baylor College of Medicine, USA	USA
Sectional neuroanatomy of the pelvic floor			
P13-26	Podnar, S	Institute of Clinical Neurophysiology, Division of Neurology, University Medical Centre, Ljubljana, Slovenia	Slovenia
Pneumothorax after needle electromyography of the diaphragm : a case report and critical analysis			
P13-27	Shahdevi, K	Neurology Department, Faculty of Medicine, Brawijaya University, Malang, Indonesia	Indonesia
Facioscapulohumeral muscular dystrophy			

P14

SEP, Pain
Ozaki I (Aomori)

Free Discussion
KICC
Room 501

Talking Poster
Oct. 30, Sat
Venue D
South Wing 1F,
Ohwada C

P14-1	Pereon, Y	Laboratoire d'Explorations Fonctionnelles, University Hospital, Nantes, France	France
--------------	-----------	--	--------

Intraoperative phrenic nerve somatosensory evoked potentials during electrode implanting procedure for chronic motor cortex stimulation

P14-2	Fukushima, M	Department of Physical Therapy, Faculty of Health Science, Aomori University of Health and Welfare, Aomori, Japan	Japan
--------------	--------------	---	-------

Awareness and somatosensory event-related potentials following near threshold stimuli

P14-3	Joutsen, A	Department of Biomedical Engineering, Tampere University of Technology, Tampere, Finland	Finland
--------------	------------	--	---------

Median nerve somatosensory evoked potential recordings using surface and needle electrodes

P14-4	Houze, B	INSERM UCBL U879 Central Integration of Pain, France	France
--------------	----------	--	--------

Cortical representation of the human hand assessed by SEPs. Effect of rTMS

P14-5	Kornhuber, M	Klinik fuer Neurologie, Martin-Luther-Universitaet Halle-Wittenberg, Germany	Germany
--------------	--------------	--	---------

Augmentation of late somatosensory evoked potentials (late SEP) by train stimuli

P14-6	Oishi, C	Department of Neurology, Kyorin University, Tokyo, Japan	Japan
--------------	----------	--	-------

Utility of somatosensory evoked potential (SEPs) for the diagnosis of sensory CIDP

P14-7	Visani, E	Department of Neurophysiology and Diagnostic Epileptology, Fondazione IRCCS Istituto Neurologico Besta Milano, Italy	Italy
--------------	-----------	--	-------

Somatosensory evoked potentials recovery function in patients with cortical myoclonus

P14-8	Lauritzen, M	Department of Clinical Neurophysiology, Glostrup University Hospital, Glostrup Denmark	Denmark
--------------	--------------	--	---------

Predictive value of median nerve SEP and EEG after anoxic brain injury

P14-9	Sultan, H	Department of Physical Medicine, Rheumatology and Rehabilitation, University of Alexandria, Alexandria, Egypt	Egypt
--------------	-----------	---	-------

Somatosensory evoked potential as an add-on diagnostic procedure to imaging studies in patients with lumbosacral spinal canal stenosis

P14-10	Hill, A	Department of Neurosciences, The Alfred, Melbourne, Australia	Australia
---------------	---------	---	-----------

Does neck flexion reduce the cervical (N13) waveform amplitude in patients with Hirayama disease undergoing somatosensory evoked potential studies?

P14-11	Chan, Y	Division of Neurology, National University Hospital, Singapore	Singapore
---------------	---------	--	-----------

Muscle afferent somatosensory evoked potentials in the evaluation of functional recovery in patients after lumbar spine surgeries

P14-12	Ooba, H	Department of Neurosurgery, Oita University, Faculty of Medicine, Oita, Japan	Japan
---------------	---------	---	-------

Increasing high frequency oscillations (HFOs) in patients with brain tumors. Implication for increasing amplitude of N20

P14-13	Sakura, Y	National Hospital Organization Higashi Nagoya National Hospital, Nagoya, Japan	Japan
---------------	-----------	--	-------

Very high frequency oscillations (over 1000 Hz) of somatosensory evoked potentials directly recorded from the human brain

P14-14	Lai, K	Department of Neurology, Taipei Municipal Ganda Hospital, Taipei, Taiwan	Taiwan
Enhanced subcortical excitability in patients with migraine revealed by high-frequency oscillations			
P14-15	Benninger, D	Human Motor Control Section, Medical Neurology Branch, National Institute of Neurological Disorders and Stroke, National Institutes of Health, Bethesda, USA	USA
Correlation of high-frequency oscillations in focal hand dystonia with therapeutic response after botulinum toxin treatment			
P14-16	Shimazu, H	McGovern Institute for Brain Research, Massachusetts Institute of Technology, USA	USA
High-frequency SEP components (HFOs) generated in the primary motor cortex of the primates			
P14-17	Qiu, Y	Molecular & Behavioral Neuroscience Institute, University of Michigan, Ann Arbor, USA	USA
Subjective and objective assessment for evaluation of placebo effects on anticipation of pain and pain			
P14-18	Vollono, C	Neurology Division, Paediatric Hospital Bambino Gesu – IRCCS, Rome, Italy	Italy
Nociceptive processing in pregnancy : a contact heat evoked potential study			
P14-19	Chao, C	Department of Neurology, National Taiwan University Hospital, Taipei, Taiwan	Taiwan
Pathophysiology of painful neuropathy : correlations of contact heat evoked potential with skin innervation			
P14-20	de Tommaso, M	Neurological and Psychiatric Sciences Department University of Bari "Aldo Moro" Italy	Italy
Effects of high frequency repetitive transcranial magnetic stimulation of primary motor cortex on laser evoked potentials in migraine			
P14-21	Otsuru, N	Department of Integrative Physiology, National Institute for Physiological Sciences, Okazaki, Japan	Japan
Assessing A-delta fiber function with lidocaine using intra-epidermal electrical stimulation			
P14-22	Kuznetsova, E	Department of Neurology, Neurosurgery and Medical Genetics, Kazan State Medical University, Kazan, Russia	Russia
Trigemino-cervical system imbalance in patients with cervicogenic and posttraumatic headaches			
P14-23	Bastuji, H	INSERM, U 879 (Central Integration of Pain), Claude Bernard University, IFNL	France
Functional dissociation of lateral and medial pain systems during sleep. A study with intracranial recordings in humans			
P14-24	Fabrizi, L	Department of Neuroscience, Physiology and Pharmacology, University College London, London, UK	UK
Development of a cortical electrophysiological response to noxious stimulation in human infants			
P14-25	Duez, L	Department of Neurophysiology, Aarhus University Hospital, Aarhus, Denmark	Denmark
Effects of evoked pain on the muscle action potential obtained by direct muscle stimulation			

P15

EEG (1)
Matsuura M (Tokyo)

Free Discussion
KICC
Room 502

Talking Poster
Oct. 30, Sat
Venue E
KICC : Main Hall

P15-1	Yanagisawa, T	The Department of Neurosurgery, Osaka University, Osaka, Japan	Japan
Real-time and training-free control of a prosthetic arm using human electrocorticograms			
P15-2	Brazdil, M	Brno Epilepsy Center, Masaryk University, Czech Republic	Czech Republic
Functional integration of the brain after detection of rare target stimuli – a depth EEG study			
P15-3	McClelland, V	Department of Clinical Neurophysiology, King's College Hospital, London, UK	UK
Modulation of corticomuscular coherence by afferent stimulation varies with the intensity and nature of the stimulus			
P15-4	Kume, Y	Department of Clinical Neurophysiology, Neurological Institute, Faculty of Medicine, Graduate School of Medical Sciences, Kyushu University, Fukuoka, Japan	Japan
How human face is special : dominant perception during binocular rivalry			
P15-5	Imamura, H	Department of Neurology, Kyoto University, Kyoto, Japan	Japan
Ictal slow shift and high frequency oscillation as revealed by intracranial wideband recording in human neocortical epilepsy			
P15-6	Matsumoto, A	Department of Integrative Physiology, National Institute for Physiological Sciences, Okazaki, Japan	Japan
The electrophysiological basis of subliminal semantic priming			
P15-7	Huebl, J	Department of Neurology, Campus Virchow Klinikum, Charité – University Medicine Berlin, Germany	Germany
Dopamine promotes valence-related emotional processing in the subthalamic area in patients with Parkinson's disease			
P15-8	Okuhata, S	Graduate School of Engineering, Kyoto University, Kyoto, Japan	Japan
Neural connectivity during simultaneous and successive information processing assessed by sLORETA			
P15-9	Poothrikovil, R	Department of Clinical Physiology (Neurophysiology), Sultan Qaboos University Hospital, Sultan Qaboos University, Oman	Oman
Prognostic value of EEG abnormalities in critically ill adult patients			
P15-10	Hidaka, M	Hokkaido University, Sapporo, Japan	Japan
Cognition of facial emotion on social context; an event-related potential study			
P15-11	Kanai, M	Department of Human and Environmental Informatics, Graduate School of Science and Technology, Kumamoto University, Kumamoto, Japan	Japan
Cortico-muscular coherence in humans under auditory stimulation with pure tones			
P15-12	Calzada, A	Clinical Neurophysiology Department of Legal Medicine Institute, Cuba	Cuba
EEG abnormalities in psychopath offenders			
P15-13	Wyczesany, M	Department of Psychophysiology, Jagiellonian University, Krakow, Poland	Poland
EEG synchronization likelihood co-varies with self-estimation of emotional valence modified by pharmaceuticals			
P15-14	Wojtecki, L	Institute of Clinical Neuroscience and Medical Psychology, Heinrich-Heine-University Duesseldorf, Germany	Germany
Increase of central thalamic theta oscillations in response to familiar speech in a long term comatose patient			

P15-15	Motoyama, Y	Department of Clinical Neurophysiology, Neurological Institute, Graduate School of Medical Sciences, Kyushu University, Fukuoka, Japan	Japan
Neural substrates of empathy for pain : Simultaneous recording of high density EEG and conventional ECG			
P15-16	Ota, T	The Graduate School of Medical Science, Kanazawa University, Japan	Japan
Change of α wave in writing motion			
P15-17	Shimizu, A	The Graduate School of Medical Science, Kanazawa University, Japan	Japan
Investigation of brain activity in chopsticks task in dominant and nondominant hands while viewing computer generated movies			
P15-18	Sakuno, L	The Graduate School of Medical Science, Kanazawa University, Japan	Japan
The effect of motor imagery using two kinds of monitors to display through EEG analysis			
P15-19	Yoshioka, M	The Graduate School of Medical Science, Kanazawa University, Japan	Japan
Using computer generated movies in the exercise of non-dominant hand			
P15-20	Tsang, E	Toronto Western Research Institute, University Health Network, University of Toronto, Toronto, Canada	Canada
Movement related potentials and oscillatory activities in the human internal globus pallidus during voluntary movements			
P15-21	Matsushika, Y	School of Fundamental Science and Technology, Graduate School of Keio University, Kanagawa, Japan	Japan
The effect of handedness on the modulation of mu rhythm desynchronization during motor imagery with transcranial direct current stimulation			
P15-22	Kasahara, T	Department of Rehabilitation Medicine, Tokai University School of Medicine, Kanagawa, Japan	Japan
Analysis of the correlation between impairments and event-related desynchronization during motor imagery in amyotrophic lateral sclerosis patients			
P15-23	Yatabe, K	National Institute of Mental Health, National Center of Neurology and Psychiatry, Tokyo, Japan	Japan
Hand-actions implied in hand-written Chinese radicals in the human motor system			
P15-24	Vecchio, F	A. Fa. R., Dip. Neurosci. Osp. FBF ; Isola Tiberina, Rome, Italy	Italy
Resting state eyes-closed cortical rhythms in patients with locked-in-syndrome : an EEG study			

P16

Epilepsy (3)
Akamatsu N (Kitakyushu)

Free Discussion
KICC
Room 502

Talking Poster
Oct. 30, Sat
Venue F
KICC: Int'l Conf. Room

P16-1	Hashizume, A	Department of Neurosurgery, Hiroshima University, Hiroshima, Japan	Japan
Quasi gradient-magnetic field topography compatible with 32/64 bit MS-Windows Vista or Mac OSX 10.6			
P16-2	Ishii, R	Department of Psychiatry, Osaka University Graduate School of Medicine, Japan	Japan
Abnormal cortical oscillatory activity in schizophrenia-like psychosis of epilepsy after resection of meningioma			
P16-3	Sobieszek, A	Department of Neurology and Epileptology, Medical Center for Postgraduate Education, Warsaw, Poland	Poland
Analysis of the spatiotemporal EEG patterns of generalized spike-slow wave activity			
P16-4	Badawy, R	Department of Neurology, Austin Health, Heidelberg, University of Melbourne, Melbourne, Australia	Australia
Cortical excitability and the menstrual cycle: reversal of normal patterns in new onset epilepsy			
P16-5	Badawy, R	Department of Neurology, Austin Health, Heidelberg, University of Melbourne, Melbourne, Australia	Australia
Post-operative reduction in cortical excitability correlates with seizure freedom			
P16-6	Pellegrino, G	Clinical of Neurology, University Campus Biomedico, Rome, Italy	Italy
Effects of mobile phone emissions on the motor cortex excitability in focal epilepsy			
P16-7	Kobayashi, K	Department of Neurology, Kyoto University School of Medicine, Kyoto, Japan	Japan
Decreased cortical excitability in Unverricht-Lundborg disease in the long-term follow-up: a consecutive SEP study			
P16-8	Shimotake, A	Department of Neurology, Kyoto University Graduate School of Medicine, Kyoto, Japan	Japan
Parieto-frontal network in praxis of human: a combined study of high frequency cortical stimulation and CCEP study			
P16-9	Kinoshita, M	Department of Neurology, Utano National Hospital, Kyoto, Japan	Japan
Change in cortical fast activities after high frequency electric cortical stimulation in a patient with cortical dysplasia and intractable epilepsy			
P16-10	Ren, L	Department of Neurology, China-Japan Friendship Hospital, Beijing, China	China
Ictal very low frequency oscillation by subdural electrodes in human epilepsy patients			
P16-11	Hitomi, T	Epilepsy Center, Neurological Institute, University Hospitals Case Medical Center, Ohio, US	USA
Visual processing in the inferior temporal cortex			
P16-12	Yu, J	Department of Neurology, Affiliated Hospital of North Sichuan Medical College, Nanchong City, China	China
Effects of low-frequency repetitive transcranial magnetic stimulation on seizures, ERMT, and SPECT in patients with intractable epilepsy			
P16-13	Ozturk Arkali, B	Neurology Clinic, Ministry of Health Okmeydani Education and Research Hospital, Istanbul, Turkey	Turkey
Correlating menstrual cycle with photosensitivity			
P16-14	Schulze-Bonhage, A	Epilepsy Center, University Hospital Freiburg, Germany	Germany
A European EEG database of epilepsy patients - EPILEPSIAE			

P16-15	Benedek, K	Department of Neurophysiology, Glostrup Hospital, Glostrup, Copenhagen University, Denmark	Denmark
Significance of rhythmic or periodic EEG patterns			
P16-16	Morales Chacon, L	Clinical Neurophysiology Service, International Center for Neurological Restoration, Cuba	Cuba
Intraoperative electrocorticography patterns of neocortical mild focal cortical dysplasia in temporal lobe epilepsy			
P16-17	Hara, K	Graduate School of Health Care Science, Tokyo Medical and Dental University, Tokyo, Japan	Japan
Mismatch negativity (MMN) to vowel–speech change in patients with temporal lobe epilepsy			
P16-18	Trapaga, O	International Center of Neurologist Restauration, Cuba	Cuba
Quantitative MRI of pharmacoresistant focal epilepsy (PFE) : Temporal and extratemporal lobe epilepsy			
P16-19	Varga, E	Danish Epilepsy Center, Dianalund, Denmark	Denmark
Transcranial direct current stimulation as a treatment option in CSWS – preliminary results			
P16-20	Dikmen Yalinay, P	Department of Neurology, Acibadem University, Faculty of Medicine, Turkey	Turkey
Clinical seizure semiology of psychogenic non-epileptic seizure			
P16-21	Lazaro, M	University Hospitals Birmingham NHS Foundation Trust, UK	UK
Single pulse electrical stimulation in hypothalamic hamartoma : supporting evidence in favour of epileptogenesis in secondary affected cortex.			
P16-22	Canuet, L	Department of Psychiatry, Osaka University Graduate School of Medicine, Osaka, Japan	Japan
Working memory-induced activation and severity of psychopathology in schizophrenia-like psychosis of epilepsy: evidence from magnetoencephalography			
P16-23	Tsurusawa, R	Department of Pediatrics, Chikushi Hospital, Fukuoka University, Fukuoka, Japan	Japan
A case of tuberous sclerosis complex with left centro-parietal sharp waves preceding hypsarrhythmia			
P16-24	Rodriguez Del Toro, E	Centro Docente de Rehabilitacion del Neurodesarrollo Rosa Luxemburgo	Luxembourg
Clinic-encephalographic and logophoniatic integral diagnosing algorhythm in epileptic children with language dysfunction			
P16-25	Awadh, M	Fraser of Allander Neurosciences Unit, Royal Hospital for Sick Children, Glasgow, UK	UK
Prognostic value of itemized electroencephalographic features in neonates at neurological risk			
P16-26	Ponten, S	Department Clinical Neurophysiology, VU University Medical Center, Amsterdam, The Netherlands	Netherlands
Automatic detection of neonatal seizures in term neonates after moderate to severe perinatal hypoxia-ischemia			

P17

Schizophrenia, Aging
Niwa S (Fukushima)

Free Discussion
KICC
Room 503, 504

Talking Poster
Oct. 30, Sat
Venue G
Htl : Kairaku 1

P17-1	Calzada, A	Clinical Neurophysiology Department, Legal Medicine Institute, Havana, Cuba	Cuba
Structural brain changes in psychopath and violent criminals			
P17-2	Tada, M	Department of Psychiatry, Tama Aoba Hospital, Tokyo, Japan	Japan
Emotional face processing abnormality in patients with schizophrenia : an event-related potential study			
P17-3	Hashimoto, T	Department of Psychiatry, Chiba University Graduate School of Medicine, Chiba, Japan	Japan
Evaluating event-related potential P50 suppression for diagnostic biomarker for psychiatric disorders			
P17-4	Takahashi, Y	Dept. of Psychiatry, Hokkaido University Graduate School of Medicine, Sapporo, Japan	Japan
Clinical application of the P300 component of event-related potentials.			
P17-5	Iwanami, A	Department of Psychiatry, Showa University School of Medicine, Japan	Japan
Effects of vocalizing on auditory N1 component of event-related potentials in schizophrenic patients			
P17-6	Guerra, S	Department of Clinical Neurophysiology, Moron General Hospital, Ciego de Avila, Cuba.	Cuba
N400 deficits from semantic matching of pictures in probands and first degree relatives from multiplex schizophrenia families.			
P17-7	Guerra, S	Department of Clinical Neurophysiology, Moron General Hospital, Ciego de Avila, Cuba.	Cuba
Attentional network task in schizophrenic patients and their unaffected first-degree relatives : a potential endophenotype			
P17-8	Guerra, S	Department of Clinical Neurophysiology, Moron General Hospital, Ciego de Avila, Cuba.	Cuba
The mismatch negativity (MMN), N2b and P3b abnormalities of auditory event-related potentials (ERPs) in families multiply affected with schizophrenia			
P17-9	Suetsgui, M	Department of Neuropsychiatry, Yamaguchi University School of Medicine, Yamaguchi, Japan	Japan
EEG spectral power, and serum nitric oxide metabolites in chronic schizophrenia patients			
P17-10	Cirillo, J	Discipline of Physiology, School of Medical Sciences, The University of Adelaide, Adelaide, Australia	Australia
Use-dependent motor cortex plasticity following complex visuomotor training in young and old adults			
P17-11	Asano, Y	Rehabilitation, Chiba University Hospital, Chiba University, Chiba, Japan	Japan
Static and dynamic balance for the aged			
P17-12	Maurits, N	Department of Neurology, University Medical Center Groningen, Groningen, the Netherlands	Netherlands
Electrophysiological evaluation of effects of aging on sensorimotor integration : a somatosensory evoked potential and corticomuscular coherence study			
P17-13	Smith, A	Robinson Institute, School of Paediatrics & Reproductive Health, University of Adelaide, Adelaide, Australia	Australia
Short-latency intracortical inhibition is not reduced by cutaneous afferent input in ageing men			
P17-14	Machida, A	Shiseido Beauty Solution Development Center, Tokyo, Japan	Japan
Effects of cosmetic therapy on prefrontal cortex activity and salivary cortisol level			

P17-15	Au-Yeung, S	Department of Rehabilitation Sciences, The Hong Kong Polytechnic University, Hunghom, Kowloon, Hong Kong	China
Selective attention improves with a multi-sensory finger exercise			
P17-16	Vallesi, A	Cognitive Neuroscience Sector, SISSA, Trieste, Italy	Italy
Age effects on the asymmetry of the motor system : evidence from cortical oscillatory activity			
P17-17	McHugh, J	Department of Clinical Neurophysiology, St. Vincents University Hospital, Elm Park, Dublin 4, Ireland	Ireland
Examining the effects of gender, sex, and BMI on normative median motor nerve excitability measurements			
P17-18	Ikeda, H	The Faculty of Health and Welfare, Prefectural University of Hiroshima, Hiroshima, Japan	Japan
Correlations between walking exercise and each of BMD, muscle volume, fluctuation of the center of gravity, and dementia in middle-aged and elderly women			
P17-19	Ferreri, F	Department of Neurology, University Campus Biomedico, Rome, Italy	Italy
Mobile phone emissions and brain excitability in Alzheimer disease			
P17-20	Aoi, S	Faculty of Health and Welfare, Prefectural University of Hiroshima, Hiroshima, Japan	Japan
The relationship between factors associated with arteriosclerosis/dementia screening tests and osteoporosis in postmenopausal women			

P18

Functional MRI
Fukuyama H (Kyoto)

Free Discussion
KICC
Room 504, 505

Talking Poster
Oct. 30, Sat
Venue H
Htl : Kairaku 2

P18-1	Miyamoto, R	Faculty of Health Sciences, Tokyo Metropolitan University, Tokyo, Japan	Japan
Gender difference in brain activity during internal conflict based on self-positivity			
P18-2	Tamura, M	Department of Psychophysiology, National Institute of Mental Health, National Center of Neurology and Psychiatry, Tokyo, Japan	Japan
Relationships between empathy and sleep deprivation : a fMRI study			
P18-3	Tonoike, M	Department of Medical System Engineering, Graduate School of Engineering, Chiba University, Chiba, Japan	Japan
Odors activate selectively the brain areas related on the memory and emotion, by an fMRI study			
P18-4	Shimada, T	School of Information Environment, Tokyo Denki University, Inzai, Japan	Japan
The effect of background images combined with face images expressing fear			
P18-5	Nishimura, C	Department of Medical Informatics, Toho University School of Medicine, Tokyo, Japan	Japan
Neural activities in attentive music listening revealed by fMRI			
P18-6	Uehara, T	Department of Clinical Neurophysiology, Neurological Institute, Graduate School of Medical Sciences, Kyushu University, Fukuoka, Japan	Japan
Dynamic brain networks depend on arousal level : An fMRI study using a graph theory			
P18-7	Mochizuki, A	Faculty of Regional Health Therapy, Teikyo Heisei University, Tokyo, Japan	Japan
Effects of coordination exercises on cognitive control of emotion in the brain : A functional MRI study			
P18-8	Sudo, M	School of Health and Sports Science, Juntendo University, Chiba, Japan	Japan
Interrelationships among physical performance, language proficiency and brain activities from the viewpoint of social cognition			
P18-9	Cheung, M	Institute of Textiles and Clothing, The Hong Kong Polytechnic University, Hong Kong SAR, China	China
fMRI activation associated with brand names : a category of proper nouns			
P18-10	Atomi, T	Department of Frontier Health Sciences, Graduate School of Human Health Sciences, Tokyo Metropolitan University, Tokyo, Japan	Japan
An fMRI study of the human body's gravity center - Self-other difference in the perception of body instability			
P18-11	Oba, K	Department of Frontier Health Sciences, Graduate School of Human Health Sciences, Tokyo Metropolitan University, Tokyo, Japan	Japan
The neural mechanisms of warm feeling associated with remote autobiographical memory retrieval - An fMRI study			
P18-12	Suzuki, R	Department of Pediatrics and Child Health, Nihon University School of Medicine, Tokyo, Japan	Japan
Emotional characteristic of "mode" psychological and neuroimaging study			
P18-13	Del Gratta, C	Department of Clinical Sciences and Bio-imaging, Gabriele D'Annunzio University, Chieti, Italy	Italy
Differential responses to attended and non attended deviant somatosensory stimuli and stimulus omissions in human somatosensory cortex : an fMRI study			
P18-14	Nakata, H	Faculty of Sport Sciences, Waseda University, Tokyo, Japan	Japan
Executive functions with different motor outputs in somatosensory Go/No-go paradigms : a functional MRI study			

P18-15	Seitz, R	Department of Neurology, Heinrich-Heine-University Dusseldorf, Dusseldorf, Germany	Germany
Bimanual coordination is critically influenced by positioning of the dominant hand			
P18-16	Tseng, M	Department of Neurology, National Taiwan University Hospital, Taipei, Taiwan	Taiwan
Unique spatial patterns of cerebral activations to innocuous versus noxious heat on functional magnetic resonance imaging			
P18-17	Ieda, T	Division of Rehabilitation Medicine, Shimane University Hospital, Izumo, Japan	Japan
Intra-oral object recognition enhances swallowing-related brain activation			
P18-18	Wu, T	Department of Neurology, Chang Gung Memorial Hospital, Lin-Kou Medical Center, Taiwan	Taiwan
Assessment of hemodynamic change after carotid angioplasty and stenting (CAS) or carotid endarterectomy : a functional magnetic resonance imaging study			
P18-19	Schelter, B	Freiburg Center for Data Analysis and Modeling, University of Freiburg, Freiburg, Germany	Germany
Brain connectivity : Improvements of fMRI data analysis techniques			
P18-20	Takamura, H	Graduate School of Science and Technology, Ibaraki University, Ibaraki, Japan	Japan
Cerebral activation due to music presentation through headphones with different insulation under an environment of fMRI measurement			
P18-21	Haneef, Z	Department of Neurology, Geffen School of Medicine at UCLA, Los Angeles, USA.	USA
fMRI-EEG correlations to vertex sharp transients of sleep			
P18-22	Kunii, N	Department of Neurosurgery, University of Tokyo, Tokyo, Japan	Japan
The detailed analysis of fMRI in the frontal language area. A comparative study with electrocortical stimulation			
P18-23	Noguchi, Y	Department of Psychology, Kobe University, Kobe, Japan	Japan
Feature binding in the ventral visual pathway revealed by color-motion misbinding			
P18-24	Bednarik, P	Department of Medical Imaging, St. Anne's Faculty Hospital in Brno, Masaryk University Brno, Czech Republic	Czech Republic
Preoperative functional MR imaging in patients with brain tumors and epilepsy			
P18-25	Krajcovicova, L	First Department of Neurology, St. Anne's Hospital, Brno, Czech Republic	Czech Republic
Default mode network in patients with Alzheimer's disease : an fMRI study			

P19

Auditory function, Multimodal neuroimaging
Okamoto H (Okazaki)

Free Discussion
KICC
Room 503-505

Talking Poster
Oct. 30, Sat
Venue I
KICC : Room 401, 402

P19-1	Kurayama, T	Department of Integrative Neurophysiology, Graduate School of Medicine, Chiba University, Chiba, Japan	Japan
--------------	-------------	--	-------

Differences of P50 suppression under two distinct signals in human fear conditioning paradigm.

P19-2	Lindehammar, H	Department of Clinical Neurophysiology, University Hospital, Linkoping, Sweden	Sweden
--------------	----------------	--	--------

Cortical auditory evoked potentials (CAEP) as a clinical tool in evaluation of hearing loss.

P19-3	Takeichi, H	Lab. for Mathematical Neuroscience, BSI, RIKEN, Wako, Japan	Japan
--------------	-------------	---	-------

Electrophysiological correlate of auditory temporal assimilation between two neighboring time intervals : a principal component analysis

P19-4	Ikawa, N	Faculty of Law, Ryutsu Keizai University, Ryugasaki, Japan	Japan
--------------	----------	--	-------

An application of 40-Hz auditory steady state response for objective audiometry test

P19-5	Koiba, N	Department of Physiology, Showa University School of Medicine, Tokyo, Japan	Japan
--------------	----------	---	-------

Sound localization difficulty affects early and late processing of auditory spatial information : Investigation using the dipole tracing method

P19-6	Tamakoshi, S	Graduate School of Psychological Science, Kwansei Gakuin University, Nishinomiya, Japan	Japan
--------------	--------------	---	-------

The mismatch negativity and N1 related to gap or omission.

P19-7	Kikuchi, Y	Department of rhino, Graduate School of Medical Sciences, Kyushu University, Fukuoka, Japan	Japan
--------------	------------	---	-------

Abnormal auditory sensory gating in stuttering : A magnetoencephalographic study

P19-8	Yadegari, S	Shariati Hospital, Department of Neurology, Tehran University of Medical Sciences, Tehran, Iran	Iran
--------------	-------------	---	------

Brown-Vialetto-Van Laere: five sporadic cases from Iran

P19-9	Cho, J	Department of Neurology, National Health Insurance Corporation Ilsan Hospital, Goyang, Korea	Korea
--------------	--------	--	-------

The brainstem auditory evoked potentials in two cases of Bickerstaff's brainstem encephalitis

P19-10	Omata, K	Department of Functional Brain Research, National Institute of Neuroscience National Center of Neurology and Psychiatry, Kodaira, Japan	Japan
---------------	----------	---	-------

Influence of cardiac and respiratory artifacts on the relationship between spontaneous EEG and fMRI signals

P19-11	Porcaro, C	School of Psychology and Birmingham University Imaging Centre (BUIC), University of Birmingham, Birmingham, UK	UK
---------------	------------	--	----

Functional source separation improves the quality of single trial visual evoked potentials recorded during concurrent EEG-fMRI

P19-12	Kan, S	Kobe Advanced ICT Research Center, National Institute of Information and Communications Technology, Kobe, Japan	Japan
---------------	--------	---	-------

The reticular activating system is associated with spontaneous fluctuations of alpha rhythm : a simultaneous EEG/fMRI study

P19-13	Turovets, S	Electrical Geodesics, Inc., Eugene, Oregon, USA	USA
---------------	-------------	---	-----

Towards combined neuroimaging modalities : EEG and bounded EIT

P19-14	Tonoike, M	Department of Medical System Engineering, Graduate School of Engineering, Chiba University, Chiba, Japan	Japan
---------------	------------	--	-------

A study of activation areas and reaction time on a working memory task

P19-15	Marquet, P	Centre des Neurosciences Psychiatriques, University of Lausanne, Lausanne, Switzerland	Switzerland
Exploring neurovascular-neurometabolic couplings and activity-mediated water movements in the rodent cortex with an optical probe			
P19-16	Sugiyama, K	Department of Physical Medicine and Rehabilitation, Tohoku University Graduate School of Medicine, Sendai, Japan	Japan
Clinical utility of diffusion tensor imaging for evaluating patients with diffuse axonal injury and cognitive disorders			
P19-17	Maehara, T	Department of Neurosurgery, Tokyo Medical and Dental University, Tokyo, Japan	Japan
Functional distribution of the palm sensory area using intraoperative intrinsic optical imaging			
P19-18	Tamura, Y	Division of Functional Diagnostic Science, Osaka University Graduate School of Medicine, Osaka, Japan	Japan
Spatiotemporal dynamics of neuromagnetic oscillatory changes during observation of actions			
P19-19	Iwaki, S	National Institute of Advanced Industrial Science and Technology (AIST), Ikeda, Japan	Japan
Multimodal neuroimaging for characterizing cortical dynamics while perceiving 3-D object from optic flow			

P20

TMS (2) Ugawa Y (Fukushima)

Free Discussion
KICC
Room 403

Talking Poster
Oct. 31, Sun
Venue A
Portopia Hall

P20-1	Lavender, A	The Department of Life Sciences, Graduate School of Arts and Sciences, The University of Tokyo, Tokyo, Japan	Japan
-------	-------------	--	-------

Investigation of the contribution of motor cortex to mastication using transcranial magnetic stimulation

P20-2	Saisanen, L	Department of Clinical Neurophysiology, Kuopio University Hospital, Kuopio, Finland	Finland
-------	-------------	---	---------

Navigated TMS mapping of bulbar muscles

P20-3	Uehara, K	Rehabilitation Science, Division of Health & Social Work, Kanagawa University of Human Services Graduate School of Health & Social Work Sciences, Yokosuka, Japan	Japan
-------	-----------	---	-------

Excitability changes in the human primary motor cortex by Dual motor Task are dependent on task properties

P20-4	Honaga, K	Department of Rehabilitation Medicine, Keio University School of Medicine, Tokyo, Japan	Japan
-------	-----------	---	-------

Changes of interhemispheric inhibition and intracortical inhibition induced with bilateral and unilateral finger movement in healthy adults

P20-5	Mäki, H	Department of Biomedical Engineering and Computational Science (BECS), Aalto University School of Science and Technology, Espoo, Finland	Finland
-------	---------	--	---------

Projecting out high-frequency topographies reduces muscle artifacts in TMS-evoked EEG

P20-6	Nojima, K	Graduate School of Systems Life Sciences, Kyushu University, Fukuoka, Japan	Japan
-------	-----------	---	-------

rTMS effects of the pulses number on the inter-reversal time of perceptual reversal

P20-7	Shirota, Y	Department of Neurology, Division of Neuroscience, Graduate School of Medicine, University of Tokyo, Tokyo, Japan	Japan
-------	------------	---	-------

The effective coil position for magnetic brainstem stimulation

P20-8	Ridding, M	The Robinson Institute, School of Paediatrics and Reproductive Health, Australia	Australia
-------	------------	--	-----------

The influence of paired trains of cTBS on human motor cortical excitability

P20-9	Miniussi, C	Cognitive Neuroscience Section, IRCCS San Giovanni di Dio Fatebenefratelli & Dept. of Biomedical Sciences and Biotechnologies Physiology Section, University of Brescia	Italy
-------	-------------	---	-------

Low-frequency transcranial magnetic stimulation (TMS) over premotor area modulates short-latency TMS-evoked potentials (TEPs)

P20-10	Miniussi, C	Cognitive Neuroscience Section, IRCCS San Giovanni di Dio Fatebenefratelli & Dept. of Biomedical Sciences and Biotechnologies Physiology Section, University of Brescia	Italy
--------	-------------	---	-------

High frequency rTMS induces α and β increase : limitations of classical high versus low frequency opposition

P20-11	Kirimoto, H	Departments of Occupational Therapy and Physical Therapy, Faculty of Rehabilitation, Niigata University of Health and Welfare, Niigata, Japan	Japan
--------	-------------	---	-------

Transcranial direct current stimulation over the motor association cortex induces plastic changes in the ipsilateral sensory-motor cortices

P20-12	Wu, A	Department of Neurology, University of California Los Angeles, Los Angeles, USA	USA
--------	-------	---	-----

Contextual interference benefits in motor sequence learning is associated with short and long-term changes in intracortical excitability

P20-13	Cash, R	Centre for Neuromuscular and Neurological Disorders, University of Western Australia, Perth, Australia	Australia
--------	---------	--	-----------

Neuromodulation with paired-pulse TMS at interpulse intervals of 1.5 ms but not 2 ms increases corticospinal excitability

P20-14	Fiorio, M	Department of Neurological, Neuropsychological, Morphological and Movement Sciences, University of Verona, Verona, Italy	Italy
Observation of healthy and pathological actions in the dystonic motor system : a TMS study			
P20-15	Jaeaeskainen, S	Department of Clinical Neurophysiology, Turku University Hospital, Turku, Finland	Finland
rTMS to the M1/S1 cortex potentiates blink reflex habituation and releases endogenous opioids but not dopamine when expectation is controlled			
P20-16	Fernandez-Del-Olmo, M	Department of Physical Education, A Coruna, Spain	Spain
The Rodil Project : Understanding variability in the response to rTMS.			
P20-17	Caliandro, P	Department of Neuroscience, Institute of Neurology, Catholic University and Fondazione Don C. Gnocch ONLUS- Italy	Italy
Comparison between peripheral jitter and central jitter induced by repetitive transcranial magnetic stimulation			
P20-18	Edwards, D	The Cornell-Burke Medical Research Institute, USA	USA
Movement-generated afference paired with TMS : an associative stimulation paradigm			
P20-19	Cortes, M	Burke Medical Research Institute, White Plains, NY, USA	USA
Spinal associative stimulation (SAS) : a non-invasive stimulation paradigm to modulate spinal excitability			
P20-20	Hammond-Tooke, G	Department of Medicine, University of Otago, Dunedin, New Zealand	New Zealand
Modification of ipsilateral reaction times by 1 Hz repetitive transcranial magnetic stimulation of the motor cortex			
P20-21	Tsujii, T	Department of Neurological Surgery, Division of Optical Brain Engineering, Nihon University School of Medicine, Tokyo, Japan	Japan
A functional role of the inferior frontal cortex in belief-bias syllogistic reasoning : an rTMS study			
P20-22	Cincotta, M	Unit of Neurology, Florence Health Authority, Florence, Italy	Italy
Modulation of interhemispheric inhibition by volitional motor activity : an ipsilateral silent period study			
P20-23	Nakatani-Enomoto, S	Department of Neurology, School of Medicine, Fukushima Medical University	Japan
Bidirectional human sensory cortical excitability modulation by quadripulse magnetic stimulation (QPS) of various cortical areas			
P20-24	Wang, X	Dept. of Neurology, Affiliated Hospital of North Sichuan Medical College, China	China
Effects of pretreatment with low-frequency rTMS on expression of hippocampus bcl-2 ; fas and caspase-3 protein in rats with pilocarpine seizures			
P20-25	Touge, T	Health Sciences, School of Nursing, Faculty of Medicine, Kagawa University, Takamatsu, Japan	Japan
Dissociative effects of electric or magnetic brain stimulations on cortical neurons in rats			
P20-26	Bouhassira, D	Inserm U987, Centre d'Evaluation et de traitement de la douleur, Hopital Ambroise Pare, APHP, Boulogne-Billancourt, France	France
Neuropharmacological basis of repetitive transcranial magnetic stimulation (rTMS) induced analgesia : the role of endogenous opioids			
P20-27	Nuwer, M	Department of Neurology, David Geffen School of Medicine at UCLA, Los Angeles, CA, USA	USA
Investigation of low frequency repetitive transcranial magnetic stimulation (LF-rTMS) parameters on motor cortex excitability in normal subjects			

P21

Peripheral neuropathy, Nerve conduction (3)
Verdugo RJ (Santiago)

Free Discussion
 KICC
 Room 405, 406

Talking Poster
 Oct. 31, Sun
 Venue B
 South Wing 1F,
 Ohwada A

P21-1	Kushnir, M	Department of Neurology, Assaf Harofeh Medical Center, Zerifin 70300, Israel, affiliated to the Sackler School of Medicine, Tel Aviv University, Tel Aviv, Israel	Israel
--------------	------------	--	--------

Clinical and neurophysiological aspects of anatomical variants in dorsomedial hand innervation

P21-2	Saxena, A	Department of Neurology, CARE Hospital, Hyderabad, India	India
Neuropathy of chronic calcific pancreatitis			

P21-3	Kim, Y	Department of Rehabilitation Medicine, College of Medicine, The Catholic University of Korea	Korea
Efficiency of cervical root conduction study in idiopathic neuralgic amyotrophy			

P21-4	Raguer, N	Clinical Neurophysiology Department, Hospital Universitari Vall d'Hebron, Barcelona, Spain	Spain
Neurophysiological studies in a family with inherited primary erythromelalgia			

P21-5	Arnold, R	School of Medical Sciences, University of New South Wales, Sydney, Australia	Australia
Sural nerve excitability : Implications for the early identification of peripheral nerve dysfunction			

P21-6	Verma, V	WSWSW Group, Dept of Clinical Neurophysiology, Queen Alexandra Hospital, Portsmouth, UK	UK
Ulnar neuropathy at the elbow (UNE)			

P21-7	Byun, S	Department of Rehabilitation Medicine, Fatima Hospital, Daegu, Korea	Korea
Characteristics of ulnar neuropathy at the elbow caused by anconeus epitrochlearis			

P21-8	Robinson, L	Department of Rehabilitation Medicine, University of Washington, Seattle, USA	USA
Prognostic indicators from electrodiagnostic studies for ulnar neuropathy at the elbow			

P21-9	Aprile, I	Don Carlo Gnocchi Foundation, Santa Maria della Pace, Rome, Italy	Italy
Anodal submaximal stimulation in early stage of neuropathy			

P21-10	Martinez Aparicio, C	Department of Clinical Neurophysiology, Hospital Virgen del Mar, Almeria, Spain	Spain
Gender, age, height and body mass index as risk factors for common focal neuropathies			

P21-11	Alcantara, M	Department of Neurosciences, Medical School of Ribeirao Preto, University of Sao Paulo, SP, Brazil	Brazil
The spectrum of respiratory compromise in PMP22 duplication			

P21-12	Zhang, Z	The Department of Neurology, Beijing Tiantan Hospital, Capital Medicine University, Beijing, China	China
Multifocal polyradiculoneuropathy with proximal conduction block after Varicella-Zoster Infection			

P21-13	Franco, E	Neurophysiogical Department, Arnau de Vilanova University Hospital, Lleida, Spain	Spain
Neuromyotonia as a complication of HIV infection			

P21-14	Goh, K	Division of Neurology, Department of Medicine, University of Malaya, Kuala Lumpur, Malaysia	Malaysia
Acquired neuromyotonia presenting with cold allodynia : a case report			

P21-15	Puhakka, A	Department of Clinical Neurophysiology, Turku University Hospital, Turku, Finland	Finland
Burning mouth syndrome – a peripheral small fiber neuropathy			

P21-16	Garbino, J	Instituto Lauro de Souza Lima, Bauru, Brazil	Brazil
The association of A-wave and neuropathic pain: a cohort finding in leprosy neuropathy under steroid treatment during reaction type 1 and 2			
P21-17	Conceicao, I	Neuromuscular Unit of Department of Neurosciences, Centro Hospitalar Lisboa Norte, Hospital de Santa Maria, Lisbon, Portugal	Portugal
Early detection of small-fiber neuropathy in familial amyloid polyneuropathy patients			
P21-18	Nebuchennykh, M	Department of Neurology, University Hospital of North Norway, Tromso, Norway	Norway
Evaluation of the small fiber involvement: Value of quantitative sensory testing			
P21-19	Garcia Mendez, C	Neurophysiology Section, Department of Neurology, Hospital Espanol, Buenos Aires, Argentina	Argentina
Chronic inflammatory demyelinating polyradiculoneuropathy in a patient with systemic lupus erythematosus and good outcome with rituximab			
P21-20	Ravi, N	The Institute of Neurological Sciences, CARE Hospital, Hyderabad, India	India
Intramuscular injection-related nerve injury: Clinical and electrodiagnostic study			
P21-21	Sung, J	Department of Neurology, Taipei Medical University-Wan Fang Hospital, Taipei, Taiwan	Taiwan
Nerve excitability test in the paramyotonia congenita			
P21-22	Derejko, M	Department of Clinical Neurophysiology Institute of Psychiatry and Neurology Warsaw, Poland	Poland
Is nerve conduction study safe in patients with implanted cardioverter-defibrillator?			
P21-24	Li, M	Department of Special Examination, Foshan Hospital of TCM (traditional Chinese medicine), Guangdong, China	China
A study of the effects for the anomalous innervation on the diagnosis upon the median or ulnar nerve injury			
P21-25	Loseth, S	Department of Neurology, University Hospital of North Norway, Tromso, Norway	Norway
Peripheral neuropathy caused by severe hypothermia: a case report			
P21-26	Tsukamoto, H	Department of Neurology, Teikyo University School of Medicine, Tokyo, Japan	Japan
Distal conduction disturbance after post exercise in anti-MAG neuropathy			
P21-27	Garcia-Urquiza, S	Department of Clinical Neurophysiology, Ramon y Cajal Hospital, Madrid, Spain	Spain
Neurophysiological study in cerebrotendinous xanthomatosis			

P22

MS, HIV, CJD, Parkinson's disease
Kuroiwa Y (Yokohama)

Free Discussion
KICC
Room 501

Talking Poster
Oct. 31, Sun
Venue C
South Wing 1F,
Ohwada B

P22-1	Tecchio, F	ISTC-CNR, Fatebenefratelli Hospital, Italy	Italy
Thalamo-cortical sensorimotor circuit in multiple sclerosis : an integrated structural and electrophysiological assessment			
P22-2	Nguyen, B	Physiological Department, HaNoi Medical University, Hanoi, Viet Nam	Viet Nam
Missing SSEP Component in MS patient			
P22-3	Chkhartishvili, D	Neurology, Pediatric Clinic of Tbilisi State Medical University, Tbilisi, Georgia	Georgia
Subclinical nerve conduction abnormalities in patients with multiple sclerosis			
P22-4	Brismar, T	Karolinska Institutet, Dept. of Clinical Neuroscience, Stockholm, Sweden	Sweden
Cognitive function and event-related potentials in patients with multiple sclerosis			
P22-5	Sukhanov, A	Rehabilitation Centre of Professor A. I. Sukhanov, Saint-Petersburg, Russia	Russia
Multiple sclerosis (MS)			
P22-6	Vucic, S	Western Clinical School, University of Sydney, Sydney, Australia	Australia
Cortical dysfunction appears to underlie the development of disability in multiple sclerosis			
P22-7	Suzuki, Y	Division of Neurology, Department of Medicine, Nihon University School of Medicine, Tokyo, Japan	Japan
Current perception threshold in subacute myelo-optico-neuropathy			
P22-8	Lim, Y	Department of Neurology, Asan Medical Center, University of Ulsan College of Medicine, Seoul, Korea	Korea
Efficacy of therapeutic plasma exchange in acute attacks of neuromyelitis optica			
P22-9	Klistorner, A	Ophthalmology Department, The University of Sydney, Sydney, Australia	Australia
Chronic demyelination and axonal loss after optic neuritis – preliminary results of 3 year follow-up study			
P22-10	Jo, Y	Department of Neurology, Chungju Hospital, School of Medicine, Konkuk University, Republic of Korea	Korea
Central pontine myelinolysis presented after prophylactic cranial irradiation in small-cell lung cancer			
P22-11	Kulkantakorn, K	Department of Internal Medicine, Faculty of Medicine, Thammasat University, Pathumthani, Thailand	Thailand
ALS-like syndrome in a patient with HIV infection			
P22-12	Shariff, E	Department of Neurology, Liaquat National Hospital, Karachi, Pakistan	Pakistan
HIV-1 encephalopathy (HIVE) as a cause of quadripareisis			
P22-13	Raguer, N	Clinical Neurophysiology Department, Hospital Universitari Vall d'Hebron, Barcelona, Spain	Spain
Axonal motor neuropathy in a patient with HIV infection mimicking motor neuron disease			
P22-14	Chen, J	Department of Neurology, China Medical University Hospital, China	China
Cortical and non-cortical myoclonus of Creutzfeldt-Jakob disease (CJD) : Precious lesson learned from a patient			
P22-15	Yermakova, T	Department of Clinical Neurophysiology, Hull Royal Infirmary, Hull, UK	UK
EEG and VEP abnormalities in a patient with Heidenhain variant of Creutzfeldt-Jacob disease			

P22-16	Ferrandiz, M	Clinical Neurophysiology Service, Universitary Hospital Josep Trueta, Girona, Spain	Spain
Visual disturbance as presentation of Creutzfeld–Jakob disease. Clinical and neurophysiological evaluation and follow-up			
P22-17	Brown, M	Neuroscience Center of Cuba, Cuba	Cuba
Sequential EEG in a case of possible Creutzfeldt–Jakob disease			
P22-18	Carrero, Y	C.O.O.I Hospital Frank Pais, Cuba	Cuba
Effects of stimulation of the basolateral amygdala on the acquisition of a motor skill in rats hemiparkinsonizadas			
P22-19	Wang, H	Department of Neurology, Peking Union Medical College Hospital, Beijing, China	China
The value of satellite potential in anal sphincter electromyography in differentiating multiple system atrophy from Parkinson disease			
P22-20	Fisher, K	Institute of Neuroscience, Newcastle University, Newcastle-upon-Tyne, UK	UK
Using multiple electrophysiological techniques for the differentiation of parkinsonian syndromes			
P22-21	Zoetmulder, M	Department of Neurology, Bispebjerg Hospital, Copenhagen, Denmark	Denmark
PPI of the acoustic startle response is associated with visual processing and executive function in idiopathic RBD and Parkinson's disease.			
P22-22	Okada, Y	Department of Neurology, University of Kobe, Kobe, Japan	Japan
Acoustic analysis of Japanese Parkinsonian dysarthria and effects of L-dopa on dysarthria			
P22-23	Ueki, Y	Department of Neurology, Nagoya City University Graduate School of Medicine, Nagoya, Japan	Japan
Different dopaminergic modulation to motor cortical plasticity in Parkinson's disease and multiple system atrophy			
P22-24	Solis, A	Department of Neurology and Psychiatry, University of Santo Tomas Hospital, Manila, Philippines	Philippines
Electroencephalographic and clinico-serologic correlation among patients with subacute sclerosing panencephalitis: A review			
P22-25	Mishra, K	National Institute of Immunology, New Delhi, India	India
Novel role of SOCS3 molecules in neural cells survival and differentiation			

P23

Movement disorders

Hanajima R (Tokyo)

Free Discussion
KICC
Room 501

Talking Poster
Oct. 31, Sun
Venue E
KICC : Main Hall

P23-1 Mekler, A

Institute of Human Brain, Russian Acad. Sci., Saint-Petersburg, Russia

Russia

Implementing of the artificial intelligence for classification of isometrically applied force tremor for neuromuscular system disorders diagnostics

P23-2 Chuang, W

Movement Disorder Section, Department of Neurology, Chang Gung Memorial Hospital, Taipei, Taiwan

Taiwan

Clinical features of essential tremor : A cohort study in Taiwanese

P23-3 Kim, Y

Department of Neurology, College of Medicine, The Catholic University of Korea

Korea

The differences of characteristics in physiologic tremor between dominant and non-dominant hand in normal population

P23-4 Mehndiratta, M

G. B. Pant Hospital, India

India

Surface electromyographic characteristics of different types of tremors

P23-5 Kimura, K

Segawa Neurological Clinic for Children, Tokyo, Japan

Japan

Pathophysiology of Tourette syndrome (TS) – Premovement gating in SEPs and voluntary saccades

P23-6 Bour, L

Department of Neurology and Clinical Neurophysiology of the Academic Medical Centre, University of Amsterdam, Amsterdam, Netherlands

Netherlands

The relationship between thalamic local field potentials, scalp EEG and EMG during tics in Gilles de la Tourette syndrome

P23-7 Ito, M

Department of Rehabilitation Medicine, Tokyo Metropolitan Rehabilitation Hospital, Tokyo, Japan

Japan

Botulinum toxin treatment of a patient with trismus due to jaw closing spasm after brainstem infarction

P23-8 Chen, R

Movement Disorders Section, Department of Neurology, Chang Gung Memorial Hospital, Taiwan

Taiwan

Botulinum toxin A treatment for hemifacial spasm : A 15-year single center study

P23-9 Peng, B

The Second Department of Neurology, Renmin Hospital of Wuhan University, Wuhan, China

China

Clinical and electrophysiological studies of botulinum toxin A for hemifacial spasm accompanied by auricular symptoms

P23-10 Horiuchi, M

Department of Neurology, St. Marianna University School of Medicine, Kanagawa, Japan

Japan

The risk factor of arteriosclerosis in hemifacial spasm patients evaluated by magnetic resonance imaging and brainstem auditory evoked potential

P23-11 Teo, J

Institute of Neurology, Division of Special Neurology, Medical University Graz, Graz

Austria

The clinical utility of the blink reflex recovery cycle to distinguish between blepharospasm and atypical (presumed psychogenic) blepharospasm

P23-12 Lee, J

Department of Neurology, Medical Research Institute, Pusan National University Yangsan Hospital, Yangsan, South Korea

Korea

Myoclonus in corticobasal degeneration is dramatically responsive to levetriacetam

P23-13 Hitomi, T

Department of Neurology, Kyoto University Hospital, Kyoto, Japan

Japan

Progression of benign adult familial myoclonus epilepsy (BAFME) with aging : clinical implication of somatosensory evoked potentials

P23-14	Canafoglia, L	Dept., Neurophysiology, IRCCS Foundation Neurological Institute C. Besta, Milan, Italy	Italy
Action myoclonus in sialidosis : a comparative study with Unverricht-Lundborg disease			
P23-15	Melgari, J	Dept. of Neurology, Campus Bio-Medico University, Rome, Italy	Italy
De-coupling of primary sensory from primary motor areas in focal task-specific hand dystonia : A MEG study			
P23-16	Osawa, M	Department of Neurology, Tokyo Women's Medical University, Tokyo, Japan	Japan
Usefulness of electromyography for botulinum toxin therapy for refractory cervical dystonia			
P23-17	Kang, S	Department of Neurology, Hallym University College of Medicine, Korea	Korea
The differential effects of concurrent repetitive movements on surround inhibition in the motor system between non-musician and professional pianists			
P23-18	Kojima, Y	Department of Neurology, Takeda General Hospital, Kyoto, Japan	Japan
Cortical inhibition may be exaggerated in unilateral asterixis due to thalamic infarction			
P23-19	Kofler, M	Department of Neurology, Instituto Guttmann, Badalona, Spain	Spain
Relationship between reduction of muscle hypertonia and suppression of blink reflex by intrathecal baclofen			
P23-20	Benavente, I	Department of Clinical Neurophysiology, San Jorge Hospital, Huesca, Spain	Spain
Neurophysiological findings in four patients with the autosomal recessive spastic ataxia of Charlevoix-Saguenay			
P23-21	Asano, Y	Rehabilitation, Chiba University Hospital, Chiba University, Japan	Japan
Dynamic postural balance of repetitive alternative head rotation			
P23-22	Granata, G	Department of Neuroscience, Catholic University of Sacred Heart, Rome, Italy	Italy
Cortical control of gait in patients with ataxia			

P24

EEG (2)
Tobimatsu S (Fukuoka)

Free Discussion
KICC
Room 502

Talking Poster
Oct. 31, Sun
Venue G
Htl : Kairaku 1

P24-1	Sugi, T	Department of Advanced Systems Control Engineering, Saga University, Saga, Japan	Japan
--------------	---------	--	-------

Feature extraction of EEG under mental calculation by combinational use of support vector machine

P24-2	Nishifushi, S	Department of Electric and Electronic Engineering, Yamaguchi University, Ube, Japan	Japan
--------------	---------------	---	-------

Effect of acoustic environment on amplitude and stability of EEG rhythms during performing mental tasks

P24-3	Asakawa, T	Graduate School of Applied Informatics, University of Hyogo, Kobe, Japan	Japan
--------------	------------	--	-------

Visualization for coherence analysis of EEG under the emotional stimuli

P24-4	Cheung, M	Institute of Textiles and Clothing, The Hong Kong Polytechnic University, Hong Kong SAR, China	China
--------------	-----------	--	-------

Change in EEG activity associated with positive mood change after cutaneous stimulation over Shenmen

P24-5	Romero, G	Universidad Autonoma Metropolitana, Mexico	Mexico
--------------	-----------	--	--------

Cerebral activity in school-age children with visuomotor and reading-writing difficulties

P24-6	Ashkinazi, M	Neurophysiology of Cognitive Processes Lab., Institute for Higher Nervous Activity and Neurophysiology, Russian Academy of Science, Russia	Russia
--------------	--------------	--	--------

Involvement of different cortical areas in set-forming and set-shifting in 5-7-year-old children. An EEG study

P24-7	Alemany, B	Clinical Neurophysiology Department, Gregorio Maranon Hospital, Madrid, Spain	Spain
--------------	------------	---	-------

Pharmaco-resistance temporal epilepsy. An analysis in 33 neurosurgical patients

P24-8	Sameshima, K	Department of Radiology, Faculdade de Medicina, University of Sao Paulo, Sao Paulo, Brazil	Brazil
--------------	--------------	--	--------

Connectivity characterization of mesial temporal epileptic seizures using generalized partial directed coherence with asymptotic statistics

P24-9	Kjaer, T	Department of Clinical Neurophysiology, Rigshospitalet University Hospital, Copenhagen, Denmark	Denmark
--------------	----------	---	---------

Extended seizure detection algorithm for intracranial EEG recordings

P24-10	Okita, Y	Graduate School of Science and Technology, Shizuoka University, Japan	Japan
---------------	----------	---	-------

On emotional effects of odors of squeezed organic kale leaf based on EEGs and heart rate variability

P24-11	Adachi, R	The Graduate School of Medical Science, Kanazawa University, Japan	Japan
---------------	-----------	--	-------

Analysis of EEG frequency for three alpha and beta bands during memory

P24-12	Kadoh, K	Department of Laboratory Medicine, Kitano Hospital The Tazuke Kofukai Medical Research Institute, Osaka, Japan	Japan
---------------	----------	--	-------

Correlation between EEG alpha wave frequency and intima-media thickness of the carotid artery, aortic pulse wave velocity, brain MRI findings

P24-13	Shimizu, J	The Graduate School of Medical Science, Kanazawa University, Japan	Japan
---------------	------------	--	-------

Analysis of EEG during the drinking in adult people

P24-14	Mekler, A	Institute of Human Brain, Russian Acad. Sci., Saint-Petersburg, Russia	Russia
---------------	-----------	--	--------

Empirical mode decomposition products complexity in EEG studies : influence of functional state

P24-15	Mii, H	Department of Neuropsychiatry, Kansai Medical University, Japan	Japan
---------------	--------	---	-------

A change of the three-dimensional brain electric activity by the LI4 (Heku) acupuncture stimulation

P24-16	Baba, Y	Department of Neurology, Yokohama City University, Yokohama, Japan	Japan
An EEG study on healthy human subjects while watching the 3D video contents on the 3D display			
P24-17	Sakata, O	Interdisciplinary Graduate School of Medicine and Engineering, University of Yamanashi, Yamanashi, Japan	Japan
Combination use of directed information and directed coherence for EEG analysis			
P24-18	Xu, M	Graduate School of Systems Life Sciences, Kyushu University, Fukuoka, Japan	Japan
EEG measurement of immediate repetition effect using a paired stimulus paradigm			
P24-19	Fukami, T	Department of Informatics, Yamagata University, Yonezawa, Japan	Japan
Evaluation of enhancement and suppression in EEG frequency component using statistical indicator of intraindividual difference			
P24-20	Hayashi, T	Graduate School of Applied Informatics, University of Hyogo, Japan	Japan
Assessment of stress states based on EEG activity using multiple regression analysis			
P24-21	Nishida, S	Department of Computer and Communication Engineering, Fukuoka Institute of Technology, Fukuoka, Japan	Japan
Automatic detection of photic evoked EEG spikes with slow burst			
P24-22	Ko, D	BK21 Program for Biomedical Science, Korea University College of Medicine, Seoul, Korea	Korea
Development of Polydimethylsiloxane (PDMS) and silver ball based dry type flexible EEG electrode for EEG recording			
P24-23	Machado, B	Brain Institute, Albert Einstein IIEP, Sao Paulo, Brazil	Brazil
Algorithmic complexity measure of EEG for staging brain state			
P24-24	Shimizu, S	Nihon University School of Medicine Alpine Club, Tokyo, Japan	Japan
EEG recording with handy sized mobile electroencephalograph in the mountain			
P24-25	Vysata, O	Neurocentre Caregroup LTD, Czech Republic	Czech Republic
Is EEG phase delay measure of the directional flow of information between EEG electrode sites?			
P24-26	Bayraktaroglu, Z	Department of Neurology and Clinical Neurophysiology, Charite-University Medicine Berlin, Germany	Germany
A novel method for optimal estimation of cortico-muscular coherence based on multi-channel EEG/MEG recordings			

P25

Pediatric disease, MEG (clinical studies)
Inagaki M (Kodaira)

Free Discussion
KICC
Room 502

Talking Poster
Oct. 31, Sun
Venue H
Htl : Kairaku 2

P25-1	Exposito, Y	Clinical Neurophysiology Department, America Arias Hospital, Havana City, Cuba	Cuba
--------------	-------------	--	------

Value of the neonatal polysomnography in newborns with less than 1500 g of weight

P25-2	Romero-Esquiliano, G	Universidad Autonoma Metropolitana Xochimilco, Laboratorio del Neurodesarrollo, INP-UAMX, Mexico	Mexico
--------------	----------------------	--	--------

Visual profile during the first year of life in children with history of neonatal encephalopathy and development at 12 and 24 months of age.

P25-3	Awadh, M	Neurology Department, Ain Shams University Hospitals, Cairo, Egypt	Egypt
--------------	----------	--	-------

Ripples of prematurity or ongoing maturation? Correlation between delta brushes and electrographic fast/slow discharge in focal cortical dysplasia

P25-4	Exposito, Y	Clinical Neurophysiology Department of America Arias Hospital, Havana City, Cuba	Cuba
--------------	-------------	--	------

Clinic and electroencephalography characterization the neonatal seizures

P25-6	Inoue, T	The Department of Pediatrics, Fukuoka University, School of Medicine, Fukuoka, Japan	Japan
--------------	----------	--	-------

EEG and VEP findings of acute confusional migraine in children

P25-7	Inukai, Y	Department of Physiology, Aichi Medical University, Aichi, Japan	Japan
--------------	-----------	--	-------

One case of anhidrotic infant with suspected hypothalamus disorder

P25-8	Diaz Martinez, C	Clinical Neurophysiology Department, Dr Agostinho Neto General Hospital, Guantanamo, Cuba	Cuba
--------------	------------------	---	------

Early sequential electroencephalogram (EEG) in neonates with hypoxic ischemic encephalopathy (HIE).

P25-9	Yasumoto, S	Department of Pediatrics, Fukuoka University, Fukuoka, Japan	Japan
--------------	-------------	--	-------

Application of motor nerve conduction study in spinal cord diseases of children

P25-10	Rao, L	Department of Pediatric Neurology, University of California at Los Angeles, Los Angeles, USA	USA
---------------	--------	--	-----

Utility of continuous EEG monitoring in pediatric extracorporeal membrane oxygenation (ECMO) patients

P25-11	Ochi, S	Department of Pediatric Neurosurgery, Hokkaido Medical Center for Child Health and Rehabilitation, Sapporo, Japan	Japan
---------------	---------	---	-------

Analysis of infant white matter development by MRI DTI fractional anisotropy (FA) after neurotrauma in relation with motor development delay

P25-12	Vollono, C	Headache Center, Neurology Division, Paediatric Hospital Bambino Gesu – IRCCS, Rome, Italy	Italy
---------------	------------	--	-------

Is pain quality associated with specific physiopathological mechanisms in migraine of adolescents? A neurophysiological and psychological study

P25-13	Gorrigolzarri, I	Department of Clinical Neurophysiology, University Hospital Marques de Valdecilla, Santander, Spain	Spain
---------------	------------------	---	-------

Spinal cord injury at birth as a consequence of a postulated prenatal anterior spinal artery ischemic infarct : The value of electromyographic studies

P25-14	Nalbat, A	The Neurology, Neurosurgery and Medical Genetics Department, Kazan State Medical University, Kazan, Russian Federation	Russia
---------------	-----------	--	--------

Autonomic tone, autonomic reactivity and autonomic maintenance of activity features in older school age children with type I diabetes mellitus

P25-15	Kumada, T	Department of Pediatrics, Shiga Medical Center for Children, Shiga, Japan	Japan
Reflex seizures triggered by tooth-brushing : Report of a severely disabled girl			
P25-16	Chkhartishvili, D	Neurology, Pediatric Clinic of Tbilisi State Medical University, Tbilisi, Georgia	Georgia
Efficacy of valproate in children with stuttering			
P25-17	Verbeek, R	Department of Neurology, University Medical Centre Groningen, University of Groningen, Groningen, the Netherlands	Netherlands
Muscle ultrasound in pre-birth and early life : an application in spina bifida aperta			
P25-18	Sysoeva, O	Institute of Higher Nervous Activity and Neurophysiology, Russian Academy of Sciences, Moscow, Russia	Russia
Molecular genetic basis of time perception in humans			
P25-19	Orstavik, K	Section of Clinical Neurophysiology, Department of Neurology, Oslo University Hospital, Rikshospitalet, Oslo, Norway	Norway
Can the clinical presentation of erythromelalgia (EM) differentiate between patients with and without mutations in Na _v 1.7?			
P25-20	Shigeto, H	Department of Neurology, Kyushu University, Fukuoka, Japan	Japan
Patients with posterior basal temporal lobe epileptic discharge revealed by MEG			
P25-21	Ito, T	Department of Pediatrics, Hokkaido University Graduate School of Medicine, Sapporo, Japan	Japan
Utility of magnetoencephalography for diagnostic and therapeutic tools in epilepsy patients			
P25-22	Ueda, Y	Department of Pediatrics, Hokkaido University Graduate School of Medicine, Sapporo, Japan	Japan
MEG analysis of spike morphology implies the presence of focal cortical dysplasia			
P25-23	Sakakibara, T	The Department of Child Neurology, National Center Hospital of Neurology and Psychiatry, Tokyo, Japan	Japan
Change of interhemispheric synchronized spike on magnetoencephalography before and after total callosotomy			
P25-24	Forss, N	Brain Research Unit, Low Temperature Laboratory, Helsinki University of Technology, Finland	Finland
Modulation of the 20-Hz mu rhythm by somatosensory input during stroke recovery			
P25-25	Hadoush, H	Graduate School of Health Sciences, Hiroshima University, Hiroshima, Japan	Japan
Somatosensory cortical plasticity to tactile stimuli and electro-cutaneous stimuli in carpal tunnel syndrome			
P25-26	Urakami, Y	National Rehabilitation Center for Persons with Disabilities, Saitama, Japan	Japan
Sleep spindles as an indicator of recovery following diffuse axonal injury			
P25-27	Kirveskari, E	Brain Research Unit, Low Temperature Laboratory, Aalto University, School of Science and Technology, Espoo, Finland	Finland
A simple language dominance test with neuromagnetic responses to vowels vs. tones yields good agreement with the Wada test			

P26

Rehabilitation
Ikoma K (Sapporo)

Free Discussion
KICC
Room 503, 504

Talking Poster
Oct. 31, Sun
Venue I
KICC : Room 401, 402

P26-1	Ikuno, K	Department of Rehabilitation Medicine, Nishiyamato Rehabilitation Hospital, Nara, Japan	Japan
--------------	----------	---	-------

Peripheral nerve stimulation enhances the effect of task-oriented training in patients with subacute and chronic stroke : a pilot crossover study

P26-2	Matsumoto, S	Department of Rehabilitation and Physical Medicine, Graduate School of Medical and Dental Sciences, Kagoshima University, Kagoshima, Japan	Japan
--------------	--------------	--	-------

Effect of cilostazol administration on cerebral hemodynamics and rehabilitation outcomes in post-stroke patients

P26-3	McDonnell, M	Division of Health Sciences, University of South Australia, Adelaide, Australia	Australia
--------------	--------------	---	-----------

Use of neurophysiological outcome measures to evaluate function following stroke

P26-4	Tanuma, A	Division of Rehabilitation Medicine, Shizuoka Cancer Center, Shizuoka, Japan	Japan
--------------	-----------	--	-------

After-effects of active pedaling in patients with spastic hemiparesis

P26-5	Ozaki, K	Department of Rehabilitation Medicine 1, School of Medicine, Fujita Health University, Aichi, Japan	Japan
--------------	----------	---	-------

Quantitative measure of hemiplegic upper limb by using three-dimensional motion analysis

P26-6	Nojima, I	Kobe University Graduate School of Medicine, Hyogo, Japan	Japan
--------------	-----------	---	-------

Corticomotor plastic change induced by mirror therapy protocol

P26-7	Pichiorri, F	Fondazione Santa Lucia, IRCCS, Rome, Italy	Italy
--------------	--------------	--	-------

EEG sensorimotor reactivity and motor cortical excitability : functional correlation during execution and imagery of a simple hand motor task

P26-8	Kohno, Y	Department of Neurology, Ibaraki Prefectural University of Health Sciences Hospital, Ibaraki, Japan	Japan
--------------	----------	---	-------

Time course of excitability in corticospinal tract after mirror therapy

P26-9	Yamaguchi, T	Department of Rehabilitation Medicine, Keio University School of Medicine, Tokyo, Japan	Japan
--------------	--------------	---	-------

Effects of transcutaneous electrical stimulation combined with pedaling exercise on spinal interneurons in healthy persons

P26-10	Matsuo, A	Department of Physical Therapy, Faculty of Health Science, Kio University, Nara, Japan	Japan
---------------	-----------	--	-------

Enhancement of non-dominant precise hand motor function by anodal transcranial direct current stimulation

P26-11	Morishita, T	Division of Human Sciences, Graduate School of Integrated Arts and Sciences, Hiroshima University, Japan	Japan
---------------	--------------	--	-------

Effect of complex hand movements on the excitability of ipsilateral motor cortex

P26-12	Berends, H	Roessingh Research and Development, Enschede, The Netherlands	Netherlands
---------------	------------	---	-------------

Differential cortical activation during observation and imaging in healthy subjects and chronic stroke patients

P26-13	Tominaga, W	The Department of Human Health Science, Graduate School of Medicine, Kyoto University, Kyoto, Japan	Japan
---------------	-------------	---	-------

A mirror reflection of a hand reveals interhemispheric asymmetry in the modulation of the stimulus-induced 20-Hz activity

P26-14	Maeoka, H	Department of Physical Therapy, Faculty of Health Science, Kio University, Nara, Japan	Japan
---------------	-----------	--	-------

Influence of anodal transcranial direct current stimulation on pain perception threshold in healthy volunteers

P26-15	Suzuki, T	Clinical Physical Therapy Laboratory, Faculty of Health Sciences, Kansai University of Health Sciences, Osaka, Japan	Japan
Excitability of spinal neural function by different methods of motor imagery with isometric opponens pollicis activity – F-wave study			
P26-16	Suzuki, T	Clinical Physical Therapy Laboratory, Faculty of Health Sciences, Kansai University of Health Sciences, Osaka, Japan	Japan
The H-reflex of soleus muscle in acupuncture stimulation physical therapy (ASPT)			
P26-17	Tanino, Y	Clinical Physical Therapy Laboratory, Kansai University of Health Sciences, Osaka, Japan	Japan
Characteristics of CMAP waveforms of <i>vastus medialis obliquus</i> and <i>longus</i>			
P26-18	Muraoka, Y	Clinical Research Center, National Hospital Organization Murayama Medical Center, Tokyo, Japan	Japan
Development of slim design integrated volitional control electrical stimulator			
P26-19	Suzuki, M	Faculty of Medical Technology, Niigata University of Health and Welfare, Niigata, Japan	Japan
Changes in movement kinematics during learning of fast and accurate pointing movement			
P26-20	Tecchio, F	ISTC-CNR, Fatebenefratelli Hospital, Italy	Italy
Transcranial direct current stimulation enhances motor consolidation			
P26-21	Mita, T	Research Institute, National Rehabilitation Center for Persons with Disabilities, Saitama, Japan	Japan
Potential impact of mirror reflection-induced visual feedback on phantom limb awareness in forearm amputees			
P26-22	Kawashima, N	Research Institute, National Rehabilitation Center for Persons with Disabilities, Saitama, Japan	Japan
Psychophysical evaluation of phantom limb condition in forearm amputees			
P26-23	Makino, H	Department of Rehabilitation Medicine, Hokkaido University Graduate School of Medicine, Sapporo, Japan	Japan
An fMRI study of the cortex related to the movements of toes in SCI patients during performance of loss – resulting pursuant paper–rock–scissors			
P26-24	Aokage, Y	Division of Bio-Environmental Adaptation Sciences, Graduate School of Health Sciences, Hiroshima University, Hiroshima, Japan	Japan
The cortical oxygenated hemoglobin changes of the brain activity using a walking assistance robot			
P26-25	Kurumadani, H	National Rehabilitation Center for Persons with Disabilities, Saitama, Japan	Japan
The study on brain activity and subjective habituation by repeating task			

P27

Behavior disorders, Psychiatric diseases
Nakajima T (Mitaka)

Free Discussion
KICC
Room 503-505

Talking Poster
Oct. 31, Sun
Venue J
Htl : Ikuta Rm.

P27-1	Hirata, S	Department of Neuropsychiatry, Kumamoto University Hospital, Kumamoto, Japan	Japan
--------------	-----------	--	-------

The brain electrical activity during the seizure of electroconvulsive therapy using LORETA

P27-2	Hasegawa, T	Department of Neuropsychiatry, Kyorin University School of Medicine, Tokyo, Japan	Japan
--------------	-------------	---	-------

Sleep architecture changes after rTMS in treatment-resistant depression

P27-3	Mao, W	School of Communication and Information Engineering, Shanghai University, Shanghai, China	China
--------------	--------	---	-------

The Granger Causality changes in the EEG with depression in response to different facial expressions

P27-4	Hirano, Y	Department of Psychiatry, Graduate School of Medical Sciences, Kyushu University, Fukuoka, Japan	Japan
--------------	-----------	--	-------

Auditory sensory gating deficit to voices in psychotic bipolar disorder : an MEG study

P27-5	Azechi, M	Department of Psychiatry, Osaka University Graduate School of Medicine, Osaka, Japan	Japan
--------------	-----------	--	-------

Frontal lobe dysfunction and regional hemodynamic changes in major depression : A near infrared spectroscopy study

P27-6	Kitaura, Y	Department of Neuropsychiatry, Kansai Medical University, Osaka, Japan	Japan
--------------	------------	--	-------

Quantitative EEG analysis of electroconvulsive therapy response for senile depression : a case report

P27-7	Cincotta, M	Unit of Neurology, Florence Health Authority, Florence, Italy	Italy
--------------	-------------	---	-------

Motor cortex excitability correlates with novelty seeking in social anxiety : a transcranial magnetic stimulation study

P27-8	Hayashi, K	Department of Mental Health Clinic, Toho University Sakura Medical Center, Chiba, Japan	Japan
--------------	------------	---	-------

Electroencephalogram abnormalities in panic disorder : Study of symptom characteristics and pathology

P27-10	Mizuno-Matsumoto, Y	Graduate School of Applied Informatics, University of Hyogo, Kobe, Japan	Japan
---------------	---------------------	--	-------

Relationship between personality stability and brain reaction area under the emotional stimuli

P27-11	Fujita, T	Department of Clinical Neurophysiology, Neurological Institute, Graduate School of Medical Sciences, Kyushu University, Fukuoka, Japan	Japan
---------------	-----------	--	-------

Neural basis of abnormal face perception at a preattentive level in autism spectrum disorders

P27-12	Sakihara, K	Department of Developmental Disorders, National Institute of Mental Health, National Center of Neurology and Psychiatry, Tokyo, Japan	Japan
---------------	-------------	---	-------

Event-related oscillations to structural encoding of face in children with pervasive developmental disorders

P27-13	Kita, Y	Graduate School of Education, Tohoku University, Sendai, Japan	Japan
---------------	---------	--	-------

A hemodynamic study of self-face recognition in autism spectrum disorder (ASD) : Relation with ASD severities and self-consciousness

P27-14	Honaga, E	Dept. of Psychiatry, Osaka University Graduate School of Medicine, Osaka, Japan	Japan
---------------	-----------	---	-------

Mirror neuron system dysfunction in autistic spectrum disorder revealed by spatial filtered magnetic encephalography

P27-15	Honda, A	Graduate School of Comprehensive Human Sciences, University of Tsukuba, Ibaraki, Japan	Japan
---------------	----------	--	-------

Event-related potentials on comprehension of sentence context in children with autism spectrum disorders

P27-16	Iwanami, A	Department of Psychiatry, Showa University School of Medicine, Tokyo, Japan	Japan
Event-related potentials in persons with Asperger disorder			
P27-17	Kawasaki, Y	Musashino Child Development Clinic, Japan	Japan
Paroxysmal EEG abnormalities and epilepsy in pervasive developmental disorders- 1) Study on a large number of subjects			
P27-18	Kawasaki, Y	Musashino Child Development Clinic, Japan	Japan
Paroxysmal EEG abnormalities and epilepsy in PDD- 2) Study on subjects with follow-up and identification of paroxysmal origin in the brain by MEG			
P27-19	Morita, T	National Institute for Physiological Sciences, Okazaki, Japan	Japan
Atypical activity associated with self-related processing in pervasive developmental disorders			
P27-20	Suzuki, Y	Faculty of Education, Nagasaki University, Japan	Japan
Mu rhythm during observed and self-performed movements in children with mental retardation – comparing ASD with non-ASD individuals			
P27-21	Aoki, M	Doctoral Program in Disability Sciences, University of Tsukuba, Ibaraki, Japan	Japan
Event-related potential correlates of conflict detection processing of a rock-paper-scissors task in adults, normal children and children with ADHD			
P27-22	Kobal, J	Department of Neurology, Clinical Medical Center Ljubljana, Slovenia	Slovenia
Cerebral cortex regulates autonomic function in Huntington's disease			

P28

EMG, Peripheral neuropathy, Nerve conduction (4)
Sonoo M (Tokyo)

Free Discussion
KICC
Room 503-505

Talking Poster
Oct. 31, Sun
Venue K
Htl : Nunobiki

P28-1	Halit, Y	GATA Haydarpasa Egitim Hastanesi, Noroloji Servisi, Istanbul, Turkey	Turkey
The relationship between serum asymmetric dimethylarginine levels and the diabetic neuropathy and other possible factors in diabetes mellitus patients			
P28-2	Chiou-Tan, F	Dept. of Physical Medicine and Rehabilitation, Baylor College of Medicine, USA	USA
Macrodystrophy lipomatosa with median and ulnar neuropathy			
P28-3	Yorio, A	Instituto de Biologia y Medicina Experimental, CONICET, Buenos Aires, Argentina	Argentina
Early clinical course on a model of hemileSIONED spinal rats : Relations among functional, electrophysiological and histological data.			
P28-4	Lobjanidze, N	Department of Neurology, Khechinashvili State Medical University Clinic, Tbilisi, Georgia	Georgia
Alteration of motor unit potentials in Myasthenia Gravis patients associated with hypo-and-hyperthyreosis			
P28-5	Rossini, L	Universita' Campus Bio-Medico di Roma, Italy	Italy
Evaluation of peripheral intra-neural electrical stimulation for voluntary modulation of electrical efferent neural motor activity			
P28-6	Nikolaev, S	Pirogov National Medical Surgical Center, Medical Refresher Institute, Neurology Department, Moscow, Russia	Russia
T-reflex use for analysis of root conduction at C5-C6, C7-C8 level			
P28-7	Sultan, H	Department of Physical Medicine, Rheumatology and Rehabilitation, University of Alexandria, Alexandria, Egypt	Egypt
Role of dorsal scapular nerve entrapment in interscapular dorsalgia			
P28-8	Ferrandiz, M	Neurophysiological Department, Josep Trueta University Hospital, Girona, Spain	Spain
Idiopathic lumbosacral plexopathy : clinical, neurophysiological and follow up study of one child			
P28-9	Zakharov, I	The Department of Rehabilitation, City Hospital No 41, Yekaterinburg, Russia	Russia
Indicators of partial loss of F-wave in mild L5, S1 radioculopathies			
P28-10	Secil, Y	Neurology Department, Ataturk Research and Training Hospital, Izmir, Turkey	Turkey
Cauda equina motor conduction time in lumbar spinal stenosis			
P28-11	Tay, L	Department of Neurology, National Neuroscience Institution, Singapore	Singapore
Brachial plexopathy as the initial presentation in patient with hereditary neuropathy with liability to pressure palsies (HNPP)			
P28-12	Perren, F	HUG, University Hospital and Medical Faculty of Geneva, Department of Clinical Neurosciences, Neurology, Neurosonology and Neuromuscular and EMG Units	Switzerland
Is hemifacial spasm accompanied by hemodynamic changes detectable by ultrasound? A pilot study			
P28-13	Fernandez, J	Service of Clinical Neurophysiology, University Hospitals of Vigo, Spain	Spain
Electroneurography in the prognosis of sequelae in acute facial palsies. A prospective study of 500 cases			
P28-14	Akaza, M	Department of Neurology and Neurological Science, Tokyo Medical and Dental University Graduate School, Tokyo, Japan	Japan
Motor nerve conduction study in cauda equina with high voltage electrical stimulation in multifocal motor neuropathy and amyotrophic lateral sclerosis			

P28-15	Fujimaki, Y	Department of Neurology, Graduate School of Medicine, Chiba University, Japan	Japan
Differences in excitability among human sensory axons innervating the hairless palm and hairy dorsal hand			
P28-16	de Leonni Stanonik, M	Department of Neurology, George Washington University, Washington DC, USA	USA
The influence of age and sex on cutaneous silent periods			
P28-17	Sawada, T	Department of Prosthodontics. Division of Oral Functional Sciences and Rehabilitation, Asahi University School of Dentistry, Gifu, Japan	Japan
Occlusal contact conditions and center of gravity fluctuation in kendo players			
P28-18	Kawachi, Y	Kansei Fukushi Research Institute, Tohoku Fukushi University, Sendai, Japan	Japan
Self-stimulated prepulse inhibition			
P28-20	Gutierrez, J	Department of Physical Medicine and Rehabilitation, Universidad del Valle, Cali, Colombia	Colombia
ONTO-EDX : An ontology of electrodiagnostic medicine domain			
P28-21	Ergun, A	Rehabilitation Centre for Head Trauma Patients, AUVA, Vienna, Austria	Austria
Comparison of electrodiagnostic techniques in carpal tunnel syndrome and controls			
P28-22	Oder, W	Rehabilitation Centre for Head Trauma Patients, AUVA, Vienna, Austria	Austria
One-year clinical and electrodiagnostic follow-up after open carpal tunnel release surgery			

P29
TMS (3)
Mima T (Kyoto)
Free Discussion
 KICC
 Room 403

Talking Poster
 Nov. 1, Mon
 Venue A
 Portopia Hall

P29-1	Liang, N	Department of Physiology, Graduate School of Health Sciences, Hiroshima University, Hiroshima, Japan	Japan
--------------	----------	--	-------

Surround inhibition during motor imagery

P29-2	Nuruki, A	Graduate School of Science and Engineering, Kagoshima University, Kagoshima, Japan	Japan
--------------	-----------	--	-------

Temporal aspects of object substitution masking studied by transcranial magnetic stimulation

P29-3	Kunita, K	Department of Sports Instruction, Faculty of Sports & Human, Sapporo International University, Sapporo, Japan	Japan
--------------	-----------	---	-------

Investigation on shortening of anti-saccade reaction time associated with neck flexion by transcranial magnetic stimulation to the frontal eye field

P29-4	Kimura, T	Department of Clinical Neurophysiology, Neurological Institute, Graduate School of Medical Sciences, Kyushu University, Fukuoka, Japan	Japan
--------------	-----------	--	-------

Effects of repetitive paired pulse TMS over the human visual cortex

P29-5	Aoyama, T	IMS Itabashi Rehabilitation Hospital, Japan	Japan
--------------	-----------	---	-------

The effects of kinesthetic illusory feeling induced by a visual stimulus on corticomotor excitability of leg muscles

P29-6	Ferreri, F	Department of Neurology, University Campus Biomedico, Rome, Italy	Italy
--------------	------------	---	-------

Imaging human brain cortical effective connectivity during single and paired pulse transcranial magnetic stimulation

P29-7	Sugawara, K	School of Rehabilitation, Kanagawa University of Human Services, Kanagawa, Japan	Japan
--------------	-------------	--	-------

Evidence for surround inhibition in motor cortex contributing to a single finger contraction induced by training

P29-8	McAllister, S	Discipline of Physiology, School of Medical Sciences, The University of Adelaide, Adelaide, Australia	Australia
--------------	---------------	---	-----------

Do cortical rhythms influence the induction of plasticity in the human motor cortex by continuous theta burst stimulation?

P29-9	Giambattistelli, F	Department of Clinical Neurology, University Campus Bio-Medico, Roma, Italy	Italy
--------------	--------------------	---	-------

Neural connectivity origin and effects of M1 excitability variations : a TMS + EEG study

P29-10	Koch, G	Laboratorio di Neurologia Clinica e Comportamentale, Fondazione Santa Lucia IRCCS, Rome, Italy.	Italy
---------------	---------	---	-------

Asymmetric inter-hemispheric connections between the human parietal cortices

P29-11	Pichiorri, F	Fondazione Santa Lucia, IRCCS, Rome, Italy	Italy
---------------	--------------	--	-------

Sensorimotor rhythm-based brain computer interface : neurophysiological insight of training induced effects on the motor cortical system

P29-12	Giovannelli, F	Unit of Neurology, Florence Health Authority, Florence, Italy	Italy
---------------	----------------	---	-------

Dorsal premotor cortex involvement in rhythmic auditory-motor entrainment : a rTMS investigation

P29-13	Mock, J	Louisiana State University Health Science Center, USA	USA
---------------	---------	---	-----

Influence of sound location and handedness on motor-evoked potentials

P29-14	Rossi, S	Department of Neuroscience, Unit of Neurology, University of Siena, Siena, Italy	Italy
---------------	----------	--	-------

Event-related rTMS at encoding affects differently deep and shallow memory traces

P29-15	Giovannelli, F	Department of Psychology, University of Florence, Florence, Italy	Italy
Involvement of the parietal cortex in perceptual learning (Eureka effect) : an interference approach using rTMS			
P29-16	Bianco, G	Departement of Neuroscience, University of Siena, Siena, Italy	Italy
Are motor imagery and action observations innate or learned mechanisms? A single-pulse TMS study			
P29-17	Feurra, M	Department of Neuroscience, University of Siena, Siena, Italy	Italy
Cortico-cortical connectivity between parietal and primary motor cortices during imagined and observed actions : A TMS/tDCS study			
P29-18	Hiraoka, K	Department of Physical Therapy, Osaka Prefecture University, Osaka, Japan	Japan
Cerebellar TMS induces fluctuation of the finger movement while manually tracking a moving target			
P29-19	Ogata, K	Department of Clinical Neurophysiology, Graduate School of Medical Sciences, Kyushu University, Fukuoka, Japan	Japan
Cerebellar influence on spinal motoneurons using peristimulus time histogram			
P29-20	Murakami, T	Motor Cortex Group, Department of Neurology, Goethe University, Frankfurt am Main, Germany	Germany
The mirror neuron system associated with speech perception modulates the activity of human motor cortex face area			
P29-21	Takahashi, M	Graduate School of Health Sciences, Hiroshima University, Hiroshima, Japan	Japan
Phase dependent modulation of corticospinal excitability during observation of walking			
P29-22	Rakusa, M	Institute of Clinical Neurophysiology, Division of Neurology, University Medical Centre Ljubljana, Slovenia	Slovenia
Recognition of the muscle responses after transcutaneous magnetic stimulation of cauda equina with the use of the collision technique			
P29-23	Iwahashi, M	Faculty of Engineering, Tohwa University, Fukuoka, Japan	Japan
Effects of repetitive transcranial magnetic stimulation on P300 of event-related potential			
P29-24	Kano, T	Department of Neurosurgery, Keio University School of Medicine, Tokyo, Japan	Japan
Speech-induced modulation of interhemispheric inhibition			
P29-25	Nakatsuka, M	Human Brain Research Center, Kyoto University Graduate School of Medicine, Kyoto, Japan	Japan
Letter recognition and human primary motor cortex			
P29-26	Yuhi, T	Department of Neurology, School of Medicine, University of Occupational and Environmental Health, Fukuoka, Japan	Japan
Modulation of neuropathic pain with repetitive transcranial magnetic stimulation (rTMS) in mouse neuropathic pain model			
P29-27	Sekiguchi, H	Sports Management Program, Faculty of Business and Information Sciences, Jobu University, Gunma, Japan	Japan
TMS-induced artifacts on EEG can be reduced by rearrangement of the electrode's lead wire before recording			

P30

Peripheral neuropathy, Nerve conduction (5)
Kuwabara S (Chiba)

Free Discussion
KICC
Room 404, 405

Talking Poster
Nov. 1, Mon
Venue B
South Wing 1F,
Ohwada A

P30-1	Masakado, Y	Department of Rehabilitation Medicine, Tokai University School of Medicine, Kanagawa, Japan	Japan
--------------	-------------	---	-------

The origin of the premotor potential recorded from the second lumbrical (1) : in normal subject

P30-2	Kodama, M	The Department of Rehabilitation Medicine, Tokai University School of Medicine, Kanagawa, Japan	Japan
--------------	-----------	---	-------

The origin of the premotor potential recorded from the second lumbrical (2) : investigation in patient with carpal tunnel syndrome

P30-3	Ribalta Stanford, B	Clinical Neurophysiology, Karolinska University Hospital Huddinge, Stockholm, Sweden	Sweden
--------------	---------------------	--	--------

Ulnar dominant hand with carpal tunnel syndrome

P30-6	Castro, J	Neuromuscular Unit, Institute for Molecular Medicine, Faculty of Medicine, University of Lisbon, Portugal	Portugal
--------------	-----------	---	----------

The radial to median sensory potential difference in carpal tunnel syndrome

P30-7	Chang, M	Section of Neurology, Taichung Veterans General Hospital, Taiwan	Taiwan
--------------	----------	--	--------

How to make electrodiagnosis of carpal tunnel syndrome with normal distal conduction?

P30-8	Ulluc, K	Marmara University Hospital, Department of Neurology, Istanbul, Turkey	Turkey
--------------	----------	--	--------

Assessment of palmar cutaneous nerve conduction in patients with carpal tunnel syndrome

P30-9	Chira-Adisai, W	Rehabilitation Medicine Department, Faculty of Medicine Ramathibodi Hospital, Mahidol University, Bangkok, Thailand	Thailand
--------------	-----------------	---	----------

Thermal perception in clinically suspected carpal tunnel syndrome patients with normal nerve conduction study

P30-11	Herekar, A	Department of Neurology, DOW University of Health Sciences, Karachi, Pakistan	Pakistan
---------------	------------	---	----------

Symptoms associated with electrophysiologically verified carpal tunnel syndrome in Karachi patients

P30-12	Iyer, V	Dept. of Neurology, U of L School of Medicine, Louisville, USA	USA
---------------	---------	--	-----

Topography of sensory conduction slowing in carpal tunnel syndrome

P30-13	Weng, C	Renmin Hospital of Wuhan University, Wuhan University, Wuhan, China	China
---------------	---------	---	-------

The study of electrodiagnostic sensitivity in carpal tunnel syndrome

P30-14	Weng, C	Renmin Hospital of Wuhan University, Wuhan University, Wuhan, China	China
---------------	---------	---	-------

Clinical and electrophysiological evaluation of nocturnal splinting on carpal tunnel syndrome

P30-15	Kim, S	The Department Neurology, National University of Seoul, Bundang, Korea	Korea
---------------	--------	--	-------

Comparison of ultrasonographic and electrophysiologic findings in carpal tunnel syndrome

P30-16	Dieguez, C	Department of Clinical Neurophysiology, University Hospitals of Vigo, Vigo, Spain	Spain
---------------	------------	---	-------

Correlation of neurographic parameters in CTS as related to the degree of axonal damage

P30-17	Sorenson, E	Department of Neurology, Mayo Clinic, Rochester, MN, USA	USA
---------------	-------------	--	-----

Median nerve ultrasonography in carpal tunnel syndrome : a blinded prospective case-control study

P30-18	Pablo, M	Department of Clinical Neurophysiology, San Jorge Hospital, Huesca, Spain	Spain
---------------	----------	---	-------

Function of A-delta fibres in carpal tunnel syndrome : a study using the cutaneous silent period

P30-19	Hong, Y	Department of Neurology, Ajou University School of Medicine, Suwon, Korea	Korea
Correlation between serum lipid level and neurophysiological findings in patients with carpal tunnel syndrome			
P30-20	Kim, S	Department of Neurology, College of Medicine, Ulsan University Hospital, Ulsan, Korea	Korea
Clinical characteristics of carpal tunnel syndrome in diabetic patients			
P30-21	Hirota, N	Department of Neurology, Shiga Medical Center for Adults, Moriyama, Japan	Japan
Entrapment neuropathy in neuro-muscular clinic for 9 years			
P30-22	Almeida, D	Department of Medicine, University of Maringa, Maringa, Brazil	Brazil
A focal conduction block in a case of tarsal tunnel syndrome			
P30-23	Beckmann, Y	Department of Neurology, Ataturk Education and Research Hospital, Izmir, Turkey	Turkey
Neuropathic complications of H1N1 vaccination			
P30-24	Park, S	Prince of Wales Medical Research Institute, University of New South Wales, Sydney, Australia	Australia
Mechanisms of axonal dysfunction in acute and chronic oxaliplatin-induced neurotoxicity			
P30-25	Isose, S	Department of Neurology, Graduate School of Medicine, Chiba University, Chiba, Japan	Japan
Mexiletine suppresses nodal persistent sodium currents in sensory axons of patients with neuropathic pain			
P30-26	Kulkantakorn, K	Faculty of Medicine, Thammasat University, Pathumthani, Thailand	Thailand
Heroin brachial plexopathy			
P30-27	McHugh, J	Departments of Clinical Neurophysiology, St. Vincents University Hospital, Elm Park, Dublin 4, Ireland	Ireland
The effects of taxol (paclitaxel) on nerve excitability, nerve conduction studies, and clinical parameters			

P31
**Neurosurgery, Orthopedics,
Neuromonitoring**
Yamamoto T (Tokyo)
Free Discussion
 KICC
 Room 405, 406

Talking Poster
 Nov. 1, Mon
 Venue C
 South Wing 1F,
 Ohwada B

P31-1	Moumouni, A	Department of Neurosurgery CHU Abidjan Yopougon, University Cocody, Côte d'Ivoire	Côte d'Ivoire
Tuberculoma of the pituitary box			
P31-2	Takahashi, M	Department of Orthopaedic Surgery, Kyorin University School of Medicine, Tokyo, Japan	Japan
Efficacy of intra-operative spinal cord monitoring with Br-MEPs			
P31-3	Yamada, R	Department of Neurosurgery, Tokyo Metropolitan Cancer and Infectious Disease Center Komagome Hospital, Tokyo, Japan	Japan
Perioperative visual function assessment for optic radiation lesions by visual evoked potential, functional MRI, and optic radiation tractography			
P31-4	Podnar, S	Institute of Clinical Neurophysiology, Division of Neurology, University Medical Centre, Ljubljana, Slovenia	Slovenia
The penilo-cavernosus reflex in spinal cord lesion patients : a neurophysiologic study			
P31-5	Losey, T	Department of Neurology, Loma Linda University, Loma Linda, USA	USA
Acute symptomatic intraoperative seizure during neurosurgery ; a rare finding			
P31-6	Nakano, H	Department of Orthopedic Surgery, Yamagata University, Yamagata, Japan	Japan
Alarm criteria for compound muscle action potential evoked by transcranial electrical stimulation in bilateral lower limbs recording			
P31-7	Taniguchi, S	Department of Orthopaedic Surgery, Kochi Medical School, Kochi, Japan	Japan
F-wave measurements detect beneficial effects of high-intensity repetitive stimulation of the tibial nerve on neurogenic claudication in LSS			
P31-8	Ostry, S	Dept. of Neurosurgery, Charles University in Prague, Prague, Czech Republic	Czech Republic
Comparison of intraoperative corticospinal tract determination in white matter with subcortical stimulation and diffusion tensor imaging			
P31-9	Maruta, Y	Department of Neurosurgery, Yamaguchi University School of Medicine, Yamaguchi, Japan	Japan
Intraoperative monitoring of the motor evoked potential elicited by direct cortical stimulation of the lower extremities			
P31-10	Maruta, Y	Department of Neurosurgery, Yamaguchi University School of Medicine, Yamaguchi, Japan	Japan
Intraoperative monitoring of the lower extremity motor evoked potential (LE-MEP) elicited by direct cortical stimulation			
P31-11	Hupalo, M	Department of Neurosurgery and Oncology of The Central Nervous System, Medical University of Lodz, Barlicki University Hospital, Lodz, Poland	Poland
Intraoperative mapping of motor cortex and monitoring of pyramidal tracts in supratentorial intraaxial tumours			
P31-12	Shimoyama, I	Human Neurophysiology, Frontier Medical Engineering, Chiba University, Chiba, Japan	Japan
Coherence of electroencephalograms on deep brain stimulation for parkinsonism			
P31-13	Hupalo, M	Department of Neurosurgery and Oncology of The Central Nervous System, Medical University of Lodz, Barlicki University Hospital, Lodz, Poland	Poland
Neurophysiological monitoring of the motor pathways in surgery of intramedullary tumours			

P31-14	Fujii, M	Department of Neurosurgery, University of Yamaguchi School of Medicine, Yamaguchi, Japan	Japan
Intraoperative monitoring of motor evoked potential during cerebral aneurysm surgery			
P31-15	Gonzalez-Lopez, P	Department of Neurological Surgery, University of Valencia, Valencia, Spain	Spain
Multimodal navigation in the functional resection of brain tumors located in eloquent motor areas. Role of cortical and subcortical stimulation			
P31-16	Fernandez-Lorente, J	Department of Clinical Neurophysiology, Hospital General Universitario Gregorio Marañon, Madrid	Spain
Cortical motor evoked potentials monitoring and subcortical mapping in insular tumor surgery			
P31-17	Igarashi, K	Department of Orthopaedic Surgery, Kyorin University School of Medicine	Japan
Analysis of the target-reaching movement in patients with cervical myelopathy			
P31-18	Montes, E	Clinical Neurophysiology Department, Hospital Ramon y Cajal, Madrid, Spain	Spain
Spinal cord lesions during scoliosis surgery : our experience and neurophysiologic identification of the lesion level			
P31-19	Ando, M	Department of Orthopedic Surgery, Wakayama Rosai Hospital, Wakayama, Japan	Japan
The usefulness and pitfall of intraoperative spinal cord monitoring			
P31-20	Dong, C	Division of Neurosurgery, Department of Surgery, University of British Columbia, Vancouver, Canada	Canada
Intraoperative cranial nerve monitoring with corticobulbar motor evoked potentials			
P31-21	Montes, E	Clinical Neurophysiology Department, Hospital Ramon y Cajal, Madrid, Spain	Spain
Recording triggered EMG thresholds from axillary chest wall electrodes. A new refined technique for accuracy of upper thoracic pedicle screw placement			
P31-22	Nguyen, V	Department of Neurology, Stanford University / Stanford Hospital & Clinics, Stanford, USA	USA
Intraoperative neurophysiologic monitoring in the endovascular and surgical treatment of pediatric arteriovenous malformations			
P31-23	Nobuta, S	Department of Orthopaedic Surgery, Tohoku Rosai Hospital, Sendai, Japan	Japan
Nerve conduction measurements for anterior interosseous nerve palsy			
P31-24	Futatsubashi, G	Graduate School of Education, Chiba University, Chiba, Japan	Japan
Follow-up study of changes in cutaneous reflex in the peroneus longus after acute ankle sprain			
P31-25	Saito, T	Department of Orthopedic Surgery, Kansai Medical University Takii Hospital, Osaka, Japan	Japan
Electrophysiological diagnosis of arachnoid cyst in thoracic vertebrae by MEP			
P31-26	Taricco, L	Grupo de Monitoracao Neurofisiologica Intra-operatoria Dr. Ricardo Ferreira, Sao Paulo, Brasil	Brazil
Intraoperative neurophysiologic monitoring changes during surgical treatment of scoliosis: experience of a new IONM practitioner in Brazil			
P31-27	Taricco, L	Grupo de Monitoracao Neurofisiologica Intra-operatoria Dr. Ricardo Ferreira, Sao Paulo, Brasil	Brazil
Intraoperative monitoring changes as a first alert of cardiac arrest in scoliosis surgery : importance of monitoring during non-critical periods			

P32

Evoked potentials
Hakim M (Jakarta)

Free Discussion
KICC
Room 503, 504

Talking Poster
Nov. 1, Mon
Venue D
South Wing 1F,
Ohwada C

P32-1	Tanaka, S	Graduate School of Education, Hokkaido University, Sapporo, Japan	Japan
--------------	-----------	---	-------

Perceptual load and distractor processing : an event-related potential study

P32-2	Takeuchi, S	Sports Management Program, Faculty of Business and Information Sciences, Jobu University, Gunma, Japan	Japan
--------------	-------------	--	-------

The effects of TMS on the fb-ERN in time estimation task

P32-3	Pitkonen, M	Department of Clinical Neurophysiology, Jorvi Hospital, University Hospital of Helsinki Institution, Espoo, Finland	Finland
--------------	-------------	---	---------

Age dependence of late positive component in Sternberg paradigm and its value in studies of working memory

P32-4	Okita, Y	Graduate School of Science and Technology, Shizuoka University, Japan	Japan
--------------	----------	---	-------

Detection of motion direction of random dot pattern with different speeds

P32-5	Matsuda, I	National Research Institute of Police Science, Japan	Japan
--------------	------------	--	-------

Central processes underlying the autonomic-based concealed information test : An event-related potential study

P32-6	Masaoka, Y	Department of Physiology, Showa University School of Medicine, Tokyo, Japan	Japan
--------------	------------	---	-------

Olfaction, respiration and cortical rhythm

P32-7	Igasaki, T	Department of Human and Environmental Informatics, Graduate School of Science and Technology, Kumamoto University, Kumamoto, Japan	Japan
--------------	------------	--	-------

Olfactory event-related potentials to pleasant and unpleasant odors in humans

P32-8	Onoda, K	Department of Neurology, Shimane University, Izumo, Japan	Japan
--------------	----------	---	-------

Feedback-related negativity is correlated with unplanned impulsivity

P32-9	Kasai, H	The Second Department of Physiology, Showa University School of Medicine, Tokyo, Japan	Japan
--------------	----------	--	-------

Emotional evaluation of pain in migraine patients

P32-10	Shigeto, H	Graduate School of Integrated Arts and Sciences, Hiroshima Univierisity, Higashi-Hiroshima, Japan	Japan
---------------	------------	---	-------

The effects of stimulus complexity on viewers' initial brain response and subsequent viewing duration

P32-11	Tadokoro, N	Department of Orthopaedic Surgery, Kochi Medical School, Japan	Japan
---------------	-------------	--	-------

Waveform changes of descending spinal cord evoked potentials in cervical myelopathy with a single site of cord compression

P32-12	Nittono, H	Graduate School of Integrated Arts and Sciences, Hiroshima Univierisity, Higashi-Hiroshima, Japan	Japan
---------------	------------	---	-------

Somatosensory N140 amplitude as an index of attention allocation to audiovisual experiences

P32-13	Tabullo, A	IBYME-CONICET, Argentina	Argentina
---------------	------------	--------------------------	-----------

A P600 component in an artificial grammar without semantics : an EEG study of structural violation type

P32-14	Hashimoto, M	Graduate School of Education, Department of Psychology, Hiroshima University, Hiroshima, Japan	Japan
---------------	--------------	--	-------

ERAN/EAN components elicited by Neapolitan sixth chord in a harmonic context

P32-15	Buytaert, K	Antwerp University Research Centre for Equilibrium and Aerospace (AUREA), ENT Department, Antwerp University Hospital, University of Antwerp, Antwerp, Belgium	Belgium
Ocular vestibular evoked myogenic potentials (oVEMPs) after unilateral vestibular deafferentiation due to vestibular schwannoma			
P32-16	Buytaert, K	University Research Centre for Equilibrium and Aerospace (AUREA), ENT Department, Antwerp University Hospital, University of Antwerp, Antwerp, Belgium	Belgium
Test-retest reliability and normative values of ocular vestibular evoked myogenic potentials (oVEMPs) to bone conducted vibration			
P32-17	Prakash, S	Harvard-MIT Division of Health Science and Technology, Cambridge, Massachusetts, USA	USA
Sources of amplitude variability in vestibular evoked myogenic potential (VEMP) : a model-based study			
P32-18	Papathanasiou, E	Clinical Sciences, The Cyprus Institute of Neurology & Genetics, Nicosia, Cyprus	Cyprus
A new neurogenic vestibular evoked potential (N6) recorded with the use of air-conducted sound			
P32-19	Murase, S	Department of Physiology and Biophysics, Gifu University Graduate School of Medicine	Japan
Atypical language processing in adults who stutter : Evidence from event-related potentials			
P32-20	Inouchi, M	The Neurology Department, Kyoto University, Kyoto, Japan	Japan
Dynamic modulation of functional connectivity during reading : A cortico-cortical evoked potential study			
P32-21	Martin, G	Department of Clinical Neurophysiology, Ciudad Real General Hospital, Ciudad Real, Spain	Spain
Importance of the finding of great amplitude cortical evoked potentials in non-epileptic patients. Differential diagnosis			
P32-22	Hernandez, B	Electrodiagnostic Department, Frank Pais Hospital, Havana City, Cuba	Cuba
Electrophysiological characterization of cervical spondylotic myelopathy			
P32-23	Higa, H	Faculty of Engineering, University of the Ryukyus, Okinawa, Japan	Japan
An evaluation method for EEG amplifiers' performance			
P32-24	Suwazono, S	Division of Neurology, National Hospital Organization Okinawa Hospital, Ginowan, Japan	Japan
Poorman's ERP/EP lab. – yet another free analysis software for EP/ERP, version 0.9			
P32-25	Banach, M	Department of Psychiatry and Neurology, Institute of Psychiatry and Neurology Warsaw, Poland	Poland
Multimodal evoked potentials in myotonic dystrophies MD1 and MD2			

P33
MEG (Basic studies)

Lin Y-Y (Taipei)

Free Discussion

KICC
Room 503-505

Talking Poster

Nov. 1, Mon
Venue E
KICC: Main Hall

P33-1

Wasaka, T

Department of Integrative Physiology, National Institute for Physiologocal Sciences, Okazaki, Japan

Japan

Characteristics of sensori-motor interaction in the primary and secondary somatosensory cortices in humans : an MEG study

P33-2

Murahara, T

Department of System Neuroscience, School of Medicine, Sapporo Medical University, Sapporo, Japan

Japan

Motor related 20 Hz brain activity can be enhanced by weak somatosensory stimuli below motor threshold : An MEG study

P33-3

Yamashiro, K

Department of Integrative Physiology, National Institute for Physiological Sciences, Okazaki, Japan

Japan

Change-related responses in the human somatosensory cortex : an MEG study

P33-4

Tomasevic, L

ISTC-CNR, Fatebenefratelli Hospital, Rome, Italy

Italy

Cortical neuronal pools in primary sensory and motor regions and their functional relationship investigated non-invasively in man

P33-5

Hagiwara, K

Department of Clinical Neurophysiology, Kyushu University, Fukuoka, Japan

Japan

Differential effects of aging on the primary and secondary somatosensory areas: A magnetoencephalographic study

P33-6

Iguchi, Y

Integrated Neuroscience Team, Tokyo Institute of Psychiatry, Tokyo, Japan

Japan

Subjective distinctness of tactile sensation is represented in the activity of human secondary somatosensory cortex (SII)

P33-7

Porcaro, C

CNR-ISTC, Unita' MEG, Ospedale Fatebenefratelli, Isola Tiberina, Rome, Italy

Italy

Primary sensory-motor cortex activity during voluntary and passive ankle mobilisation

P33-8

Nakagawa, K

Division of Bio-Environmental Adaptation Sciences, Graduate School of Health Sciences, Hiroshima University, Hiroshima, Japan

Japan

Neuromagnetic beta band oscillation induced by performance and imagery of complex movement tasks

P33-9

Jousmaki, V

Laboratoire de Cartographie Fonctionnelle du Cerveau, ULB-Hopital Erasme, Brussels, Belgium

Belgium

Novel MEG method for motor-cortex mapping

P33-10

Sugata, H

Division of Functional Diagnostic Science, Osaka University Graduate School of Medicine, Osaka, Japan

Japan

Prediction of motor execution using magnetoencephalography : Relationship between neuromagnetic motor fields and decoding performance

P33-11

Sugawara, K

Department of Physical Therapy, Niigata University of Health and Welfare, Niigata, Japan

Japan

Influence of movement practice on movement-related cortical fields

P33-12

Onishi, H

Department of Physical Therapy, Niigata University of Health and Welfare, Niigata, Japan

Japan

Projection of muscle afferents to the sensorimotor cortex after voluntary movement and electrical stimulation of a motor point - An MEG study

P33-13

Toyoshima, T

The Department of Neurology, Sapporo Shirakaba-dai Hospital, Sapporo, Japan

Japan

The load effect on background rhythms during motor execution : a magnetoencephalographic study

P33-14	Ando, M	Department of Clinical Laboratory, The University of Tokyo Hospital, Tokyo, Japan	Japan
Effect of temporal prediction on auditory N1m responses			
P33-15	Aoyama, A	Research Center for Advanced Technologies, Tokyo Denki University, Chiba, Japan	Japan
Magnetoencephalographic study of rapid association of cross-modal and cross-temporal information			
P33-16	Yoshimura, Y	Department of Psychiatry and Neurobiology, Graduate School of Medical Science, Kanazawa University, Kanazawa, Japan	Japan
Auditory evoked response of speech stimuli in 3- to 4-year-old children : a magnetoencephalography study			
P33-17	Ichihara-Takeda, S	Department of Occupational Therapy, School of Health Science, Sapporo Medical University, Sapporo, Japan	Japan
Modulation of parieto-occipital alpha activity by distractor in visuospatial working memory task : Magnetoencephalography study			
P33-18	Urakawa, T	Dept. of Integrative Physiology, National Institute for Physiological Sciences, Okazaki, Japan	Japan
Brain dynamics of the visual change detection based on sensory memory			
P33-19	Hashimoto, A	Department of Integrative Physiology, National Institute for Physiological Sciences (NIPS), Okazaki, Japan	Japan
Competition between attention and perception in visual evoked fields			
P33-20	Mizuno, K	Department of Physical Therapy, Fukuoka Wajiro Rehabilitation College, Fukuoka, Japan	Japan
Changes in visual evoked magnetic fields during mental arithmetic task			
P33-21	Matsuhashi, M	Human Brain Research Center, Kyoto University, Kyoto, Japan	Japan
Human cortical response to parametric passive finger movement - an MEG study			
P33-22	Hyvarinen, A	Dept. of Mathematics and Statistics, University of Helsinki, Finland	Finland
Advances in analysis of spontaneous EEG/MEG activity by independent component analysis			
P33-23	Iwaki, S	National Institute of Advanced Industrial Science and Technology (AIST), Japan	Japan
Visualization of the sensitivity of the MEG sensor array based on the realistic signal generation modeling on standardized space			
P33-24	Nagao, K	United Graduate School of Child Development, Osaka University, Kanazawa University and Hamamatsu University School of Medicine ; Osaka University, Japan	Japan
Correlations between the development of cognitive functions and spontaneous MEG responses of healthy 3-4-year-old infants			
P33-25	Tsuyuguchi, N	Department of Neurosurgery, Osaka City University Graduate School of Medicine, Osaka, Japan	Japan
Activated area of imagined movement : MEG study			
P33-26	Ishii, S	Department of Orthopedic and Spinal Surgery, Graduate School of Tokyo Medical and Dental University, Tokyo, Japan	Japan
Neuromagnetic field measurement in the lumbar spine			

P34

EMG, Myopathy, Neuromuscular junction disorders
Zierz S (Halle)

Free Discussion
KICC
Room 503-505

Talking Poster
Nov. 1, Mon
Venue F
KICC : Int'l Conf. Room

P34-1	Fernandez, J	Dept. Clinical Neurophysiology, University Hospitals of Vigo, Vigo, Spain	Spain
Human botulism : stimulated single fiber EMG at different frequencies			
P34-2	Oh, S	Department of Neurology, University of Alabama at Birmingham, Birmingham, Alabama, USA	USA
Correlation of single fiber EMG findings in Lambert-Eaton myasthenic syndrome with clinical and repetitive nerve stimulation findings			
P34-3	Papathanasiou, E	Clinical Sciences, The Cyprus Institute of Neurology & Genetics, Nicosia, Cyprus	Cyprus
A comparison between recordings obtained using reusable and disposable single fiber needle electrodes			
P34-4	Noto, Y	Department of Neurology, Graduate School of Medicine, Chiba University, Chiba, Japan	Japan
Activity-dependent membrane hyperpolarization in single motor axons : a single fiber electromyography study			
P34-5	Maki, T	Department of Neurology, Graduate School of Medicine, Kyoto University, Kyoto, Japan	Japan
Rippling is not electrically silent in a patient with rippling muscle disease			
P34-6	Deschauer, M	Department of Neurology, University of Halle-Wittenberg, Germany	Germany
Peripheral neuropathy in chronic progressive external ophthalmoplegia is more frequent in patients with multiple than with single mtDNA deletions			
P34-7	Mueller, T	Department of Neurology, University of Halle, Halle, Germany	Germany
Matrin3 myopathy : Distal and axial myopathy without vocal cord involvement			
P34-8	Moumouni, A	Department of Neuroscience, University of Cocody, Abidjan, Cote d'Ivoire	Cote d'Ivoire
Place of electromyogram in the diagnosis of myopathy maghrebinne			
P34-10	Bostock, H	Institute of Neurology, University College London, UK	UK
Muscle velocity recovery cycles in critical illness myopathy			
P34-11	Naik, K	Department of Neurology, KLE University's Jawaharlal Nehru Medical College, Belgaum, India	India
Postpartum hypernatremic rhabdomyolysis and osmotic extrapontine myelinolysis			
P34-12	Le, T	Department of Functional Test, ChoRay Hospital, Viet Nam	Viet Nam
Diagnosis of deltoid muscle fibrosis in ChoRay hospital			
P34-13	Wee, A	Department of Neurology, University of Mississippi Medical Center and G.V. (Sonny) Montgomery VA Medical Center, Jackson, Mississippi, USA	USA
Muscle fiber conduction slowing and failure during severe hypokalemia			
P34-14	Liu, M	Department of Neurology, Peking Union Medical College Hospital, Beijing, China	China
The utility of clinical exercise test in diagnosis of hypokalaemic periodic paralysis			
P34-15	Moore, C	Department of Neurophysiology, Portsmouth NHS Trust, Portsmouth, UK	UK
Velocity recovery cycles in tibialis anterior muscle fibres : normative data and preliminary findings in critical illness myopathy			

P34-16	Jain, N	Department of Neurology, KEM Hospital and Seth G. S. Medical College, Mumbai, India	India
Study of clinical profile and long term outcome of myasthenia gravis in a tertiary care centre in western india			
P34-17	Shahrizaila, N	Department of Neurology, Faculty of Medicine, University of Malaya, Kuala Lumpur, Malaysia	Malaysia
The clinical features of myasthenia gravis in a Malaysian population			
P34-18	Dejthevaporn, C	Division of Neurology, Department of Medicine, Faculty of Medicine, Ramathibodi Hospital, Mahidol University, Bangkok, Thailand	Thailand
Electrophysiological and immunological tests in myasthenia gravis : Their diagnostic sensitivities and correlation			
P34-19	Nam, T	Department of Neurology, Chonnam National University Hwasun Hospital, Hwasun, Korea	Korea
Myasthenic crisis after thymectomy in patients with myasthenia gravis			
P34-20	Punga, A	Department of Clinical Neurophysiology, Sweden	Sweden
Low MuSK expression in disease susceptible muscles in MuSK + experimental autoimmune myasthenia gravis (EAMG)			
P34-21	Meena, A	Nizam's Institute of Medical Sciences, Hyderabad, India	India
Utility of various tests in diagnosis of ocular myasthenia gravis			
P34-22	Kammineni, A	Dept. of Neurology, Nizams Institute of Medical Sciences, Hyderabad, Andhra Pradesh, India	India
Predictive value of single-fibre electromyography in ocular myasthenia gravis			
P34-23	Kishi, M	Neurology Division, Department of Internal Medicine, Sakura Medical Center, Toho University, Sakura, Japan	Japan
Mepps amplitude depression and recovery in passive transfer model of MuSK antibody positive MG – Experimental model of simple plasma exchange therapy			
P34-24	Seok, J	Department of Neurology, School of Medicine, Catholic University of Daegu, South Korea	Korea
Lambert-Eaton myasthenic syndrome (LEMS) presented with ocular symptoms ; Electrophysiologic findings before and after 3,4-DAP treatment			
P34-25	Oh, S	Neurology Department, University of Alabama at Birmingham, Birmingham, Alabama, USA	USA
Comparison of post-exercise exhaustion (PEF) in myasthenia gravis (MG) and Lambert-Eaton myasthenic syndrome (LEMS)			
P34-26	Guan, Y	Department of Neurology, Peking Union Medical College Hospital, Chinese Academy of Medical Science, Beijing, China	China
Autonomic nervous system manifestations and skin sympathetic response findings in Lambert-Eaton Syndrome			

P35
Cerebrovascular diseases
Yamaguchi S (Izumo)
Free Discussion
 KICC
 Room 502
Talking Poster
 Nov. 1, Mon
 Venue G
 Htl : Kairaku 1

P35-1	Shibata, T	Department of Neurosurgery, Stroke Center, Saiseikai Toyama Hospital, Toyama, Japan	Japan
--------------	------------	---	-------

Application of neuronal activity topography to vascular cognitive impairment with carotid artery stenosis

P35-2	Ishizaki, F	Faculty of Health and Welfare, Prefectural University of Hiroshima, Japan	Japan
--------------	-------------	---	-------

Clarification of recovery mechanism from chronic brain dysfunction and application to treatment – EEG spectrum analysis of brain function

P35-3	Brown, M	Neuroscience Center of Cuba	Cuba
--------------	----------	-----------------------------	------

Anatomofunctional assessment of silent brain damage in asymptomatic hypertensive

P35-4	Assenza, G	Clinical Neurology, Campus Bio-Medico University, Rome, Italy	Italy
--------------	------------	---	-------

Prognostic clinical value of delta activity in unaffected hemisphere of acute stroke patients : an EEG study

P35-5	Arsovka, A	University Clinic of Neurology, Skopje, Macedonia	Macedonia
--------------	------------	---	-----------

Poststroke aphasia : evaluation of cerebral hemodynamic changes with transcranial color Doppler sonography

P35-6	Jo, K	Department of Neurology, Gangneung Asan Hospital, University of Ulsan College of Medicine, Gangneung, Korea	Korea
--------------	-------	---	-------

Quantitative assessment of cerebral hemodynamics in a adult moyamoya disease : evaluation with acetazolamide challenged perfusion CT and SPECT imaging

P35-7	Jo, K	Department of Neurology, Gangneung Asan Hospital, University of Ulsan College of Medicine, Gangneung, Korea	Korea
--------------	-------	---	-------

Cerebral hemodynamics in patients with moyamoya syndrome associated with atherosclerotic occlusion of the middle cerebral arteries

P35-8	Hattori, N	Neurorehabilitation Research Institute, Morinomiya Hospital, Osaka, Japan	Japan
--------------	------------	---	-------

Correlation between motor impairment and increased contralateral cerebellar activity during paralytic hand movement after stroke

P35-9	Shariff, E	Department of Neurology, Liaquat National Hospital, Karachi, Pakistan	Pakistan
--------------	------------	---	----------

Moyamoya disease : A cause of stroke in young in Pakistan

P35-10	Lee, J	Department of Neurology, National Health Insurance Corporation Ilsan Hospital, Korea	Korea
---------------	--------	--	-------

Clinical factors related to intracranial arterial stenosis in acute stroke patients

P35-11	Saad, M	Department of Physical Medicine, Rheumatology and Rehabilitation, Faculty of Medicine, University of Alexandria, Alexandria, Egypt	Egypt
---------------	---------	--	-------

Motor evoked potentials and autoantibodies in neurologically asymptomatic systemic lupus erythematosus patients

P35-12	Sada, T	Departments of Neurology, Dokkyo Medical University, Japan	Japan
---------------	---------	--	-------

The assessment of unilateral spatial neglect and hemianopsia using eye tracking methodology

P35-13	Yoshida, T	Department of Occupational Therapy, Graduate School of Health Sciences, International University of Health and Welfare, Fukuoka, Japan	Japan
---------------	------------	--	-------

Visual information processing in patients with unilateral spatial neglect (USN) : A study of the evaluating an exploratory eye movement

P35-14	Cespedes-Garcia, Y	Department of Neurology, Miguel Enriquez Hospital, Medical University of Havana, Cuba	Cuba
Mapping stroke-modified neuronal sensitivity to visual task			
P35-15	Iseki, K	Human Motor Control Section, Medical Neurology Branch, NINDS, NIH, Bethesda, USA	USA
Freezing of gait in white matter change : Imaging study with tract-based spatial statistics (TBSS)			
P35-16	Matsumoto, S	Department of Rehabilitation and Physical Medicine, Graduate School of Medical and Dental Sciences, Kagoshima University, Kagoshima, Japan	Japan
Beneficial effects of footbaths in controlling spasticity after stroke : F-wave study			
P35-17	Kim, S	Department of Neurology, Yonsei University Wonju College of Medicine, Korea	Korea
Carotid duplex sonography in ocular ischemic syndrome			
P35-18	Kashashima, Y	Department of Rehabilitation Medicine, Keio University School of Medicine, Tokyo, Japan	Japan
Modulation of mu rhythm desynchronization during motor imagery with transcranial direct current stimulation in patients with stroke			
P35-19	Seitz, R	Department of Neurology, Heinrich-Heine-University Dusseldorf, Dusseldorf, Germany	Germany
Spontaneous arm movement activity as assessed with accelerometry predicts recovery after stroke			
P35-20	Issayeva, R	Kazakh National Medical University name of S.D. Asfendiyarov, Kazakhstan	Kazakhstan
Clinical and instrumental features of acute subarachnoid hemorrhage in children			
P35-21	Lobjanidze, N	Department of Neurology, Khechinashvili State Medical University Clinic, Tbilisi, Georgia	Georgia
Mood disorders and cognitive disturbances in elderly patients : comparison of multiple silent lacunar lesions and one ischemic lesions			
P35-22	Takeuchi, N	Department of Rehabilitation Medicine, Hospital of Hokkaido University, Sapporo, Japan	Japan
1 Hz rTMS over unaffected hemisphere in stroke patients alters bilateral movements and coupling between motor areas			
P35-23	Cho, H	Department of Neurology, Ewha Womans University Mokdong Hospital, Korea	Korea
Reversed Robinhood syndrome by normobaric hyperoxia therapy in patients with acute ischemic stroke			
P35-24	Bae, J	Department of Neurology, Busan Paik Hospital, Inje University, College of Medicine, Busan, Korea	Korea
Altered axonal excitability properties of lower motor neuron after acute supratentorial stroke			
P35-25	Takekawa, T	The Jikei University School of Medicine, Department of Rehabilitation Medicine, Japan	Japan
Thigh muscle activity patterns during walking in brain stroke hemi-paralytic patients			

P36
Neuroplasticity, MRCP
 Kristeva R (Freiburg)

Free Discussion
 KICC
 Room 502

Talking Poster
 Nov. 1, Mon
 Venue H
 Htl : Kairaku 2

P36-1	Siahposhti Khachaki, A	Department of Physiology and Neuroscience Research Center, Kerman University of Medical Sciences, Kerman, Iran	Iran
--------------	------------------------	--	------

Effect of sensory deprivation and locus coeruleus (LC) electrical stimulation on response properties of layer IV barrel cortex neurons in male rats

P36-2	Tanaka, S	Human Cortical Physiology Section, National Institute of Neurological Disorders and Stroke, NIH, Bethesda, USA	USA
--------------	-----------	--	-----

Effect of practice schedules on memory stabilization of a procedural motor skill

P36-3	Lin, W	Department of Neurology, Chang Gung Memorial Hospital and Chang Gung University College of Medicine, Taipei, Taiwan	Taiwan
--------------	--------	---	--------

Reversal of plasticity-like effects in the human motor cortex

P36-4	Shin, H	Department of Neurology, Yonsei University College of Medicine, Seoul, Korea	Korea
--------------	---------	--	-------

Reduced surround inhibition during movement in musicians

P36-5	Polania, R	Department of Clinical Neurophysiology, Georg-August University of Goettingen, Goettingen, Germany	Germany
--------------	------------	--	---------

Modulating functional connectivity patterns and topological functional organisation of the human brain with transcranial direct current stimulation

P36-6	Obata, H	Department of Functional Control Systems, Graduate School of Engineering, Shibaura Institute of Technology, Japan	Japan
--------------	----------	---	-------

Spike-timing-dependent changes in the excitability of the spinal stretch reflex

P36-7	Thordstein, M	Dep. of Clinical Neurophysiology, Sahlgrenska Academy, University of Gothenburg, Goteborg, Sweden	Sweden
--------------	---------------	---	--------

Partial contralateral transfer of the cortical motor representation of arm muscles after a perinatal ischemic cerebral insult

P36-8	Kupers, R	Institute of Neuroscience and Pharmacology, Panum Institute, Health Science Department, University of Copenhagen, Copenhagen, Denmark	Denmark
--------------	-----------	---	---------

Insights from darkness: neural correlates of virtual route recognition in congenital blindness

P36-9	Tombini, M	Department of Neurology, Campus Biomedico University, Rome, Italy	Italy
--------------	------------	---	-------

Toward the neural control of robotic hand: clinical and EEG changes after 4-weeks training in a human amputee

P36-10	Murase, N	Sobell Department of Motor Neuroscience and Movement Disorders, Institute of Neurology, University College London, London, UK	UK
---------------	-----------	---	----

A relationship between short-interval intracortical inhibition and the effectiveness of paired associative stimulation

P36-11	Suzuki, S	Faculty of System Design, Tokyo Metropolitan University, Tokyo, Japan	Japan
---------------	-----------	---	-------

On extraction and usage of the negative slope in movement-related cortical potential (MRCP) intended for the performance estimation

P36-12	Nakagawa, T	The Department of Neurology, Kyoto University, Kyoto, Japan	Japan
---------------	-------------	---	-------

How do voluntary movements decrease resting tremor in patients with Parkinson's disease?

P36-13	Ogawa, S	Department of Rehabilitation Medicine, Nippon Medical School Chiba Hokusou Hospital, Chiba, Japan	Japan
---------------	----------	---	-------

Difference of waveform in movement-related cortical potential (MRCP) according to the subject's condition when motor task is accomplished

P36-14	Sefer, A	University of Zagreb, Zagreb, Croatia	Croatia
The comparison of movement related evoked potentials in Parkinson's disease patients and healthy controls			
P36-15	Fumuro, T	Department of Neurology, Kyoto University Hospital, Kyoto, Japan	Japan
Improved Bereitschaftspotential (BP) in Parkinson's disease (PD) by means of neuro-feedback (NFB) training of slow cortical potentials (SCPs)			
P36-16	Tsai, C	Department of Neurology, China Medical University Hospital, Taiwan	Taiwan
Event related desynchronization of subthalamic nucleus activities prior to volitional movement termination in patients with Parkinson disease			
P36-17	Houdayer, E	Human Motor Control Section, NINDS, NIH, Bethesda, USA	USA
Cerebral preparation of natural movements : an EEG study			
P36-18	Koritnik, B	Institute of Clinical Neurophysiology, University Medical Centre Ljubljana, Ljubljana, Slovenia	Slovenia
Scalp topography of sniffing-related cortical potentials			
P36-19	Lu, M	Motor Cortex Group, Department of Neurology, Goethe University, Frankfurt/Main, Germany	Germany
Effect of dorsal premotor cortex rTMS on volitional motor cortical activity studied by contingent negative variation and Bereitschaftspotential			
P36-20	Mak, M	Department of Rehabilitation Sciences, The Hong Kong Polytechnic University, Hong Kong, China	China
Motor learning with augmented feedback enhance motor performance and motor cortical excitability			
P36-21	Yazawa, S	Department of System Neuroscience, School of Medicine, Sapporo Medical University, Sapporo, Japan	Japan
Cerebral networks underlying motor execution triggered by auditory omission			
P36-22	Kuwahara, Y	Grad. Sch. Aichi Med. Univ., Japan	Japan
Relationship between cognitive function and sympathetic skin response evoked by muscle contraction			

P37
Dementia, Cognitive disorders
Koga Y (Mitaka)
Free Discussion
 KICC
 Room 502
Talking Poster
 Nov. 1, Mon
 Venue J
 Htl : Ikuta

P37-1	Shimoyama, I	Human Neurophysiology, Frontier Medical Engineering, Chiba University, Chiba, Japan	Japan
--------------	--------------	---	-------

Quantitative analysis for drawing a Necker cube

P37-2	Suvorova, I	Irkutsk State Institute Postgraduate Education, Irkutsk, Russia	Russia
--------------	-------------	---	--------

Vascular dementia prediction

P37-3	Subhani, F	Department of Paediatric Medicine, Fatima Memorial Hospital Lahore, Pakistan	Pakistan
--------------	------------	--	----------

Effects of brain wave disturbance during sleep in Alzheimer's disease

P37-4	Yunokuchi, K	Graduate School of Science and Engineering, Department of Information Science and Biomedical Engineering, Kagoshima University, Kagoshima, Japan	Japan
--------------	--------------	--	-------

EEG topographical image in theta wave reflect cognitive functions of working memory

P37-5	Vecchio, F	A. Fa. R., Dip. Neurosci. Osp. FBF ; Isola Tiberina, Rome, Italy	Italy
--------------	------------	--	-------

Global functional coupling of resting EEG related to white-matter lesions along the cholinergic tracts in amnesic mild cognitive impairment subjects

P37-6	Saito, M	Department of Psychiatry, Kitasato University School of Medicine, Kanagawa, Japan	Japan
--------------	----------	---	-------

The EEG patterns of drowsiness that are related to abnormal cognitive decline in elderly

P37-7	Nishida, K	Department of Neuropsychiatry, Kansai Medical University, Osaka, Japan	Japan
--------------	------------	--	-------

Low-resolution electromagnetic tomography (LORETA) analysis in advanced semantic dementia patients

P37-8	Nishida, K	Department of Neuropsychiatry, Kansai Medical University, Osaka, Japan	Japan
--------------	------------	--	-------

Comparison between mild Alzheimer's disease and frontotemporal dementia using quantitative EEG

P37-9	Rektorova, I	First Department of Neurology, Masaryk University and St. Anne's Hospital, Brno, Czech Republic	Czech Republic
--------------	--------------	---	----------------

Default mode network in patients with Alzheimer's disease and Parkinson's disease : an fMRI study

P37-10	Higashiyama, S	Department of Nuclear Medicine, Osaka City University, Graduate School of Medicine, Osaka, Japan	Japan
---------------	----------------	--	-------

Detection of the dementia of the Alzheimer type using easy Z-score imaging system and voxel-based specific regional analysis system

P37-11	Tanaka, N	Department of Geriatric Behavioral Neurology, Tohoku University Graduate School of Medicine, Sendai, Japan.	Japan
---------------	-----------	---	-------

Effects of a comprehensive rehabilitation on functional outcome associated with increased right insular glucose metabolism in vascular dementia

P37-12	Ko, M	Department of Physical Medicine & Rehabilitation, Medical Device Clinical Trial Center, Chonbuk National University Hospital, Jeonju, Korea	Korea
---------------	-------	---	-------

Improvement of working memory after bilateral prefrontal transcranial DC stimulation in healthy elderly

P37-13	Heo, J	Department of Neurology, Seoul Medical Center, Seoul, Korea	Korea
---------------	--------	---	-------

Validation of the Korean version of the Addenbrooke's cognitive examination to diagnose Alzheimer's dementia in Korean population

P37-14	Segawa, F	Faculty of Health & Social Services, Kanagawa University of Human Services, Kanagawa, Japan	Japan
---------------	-----------	---	-------

Effect of music therapy on heart rate variability in elderly patients with Alzheimer type dementia

P37-15	Negami, M	Health Service Centor, Keiju Hospital, Japan	Japan
Sympathetic skin response and AA-interval spectral analysis to screen Lewy body disease			
P37-16	Partanen, J	Department of Clinical Neurophysiology, Jorvi Hospital, University Hospital of Helsinki, Finland	Finland
Multivariate EEG/ERP analysis of patients with mild cognitive impairment			
P37-17	Nomura, T	Division of Neurology, Department of Brain and Neurosciences, Faculty of Medicine, Tottori University, Japan	Japan
Comparison of REM sleep behavior disorder and polysomnographic findings between dementia with Lewy bodies and Alzheimer disease			
P37-18	Van Straaten, E	Department of Clinical Neurophysiology, VU University Medical Centre, Amsterdam, The Netherlands	Netherlands
Resting-state brain dynamics and white matter hyperintensities			
P37-19	Brismar, T	Department of Clinical Neuroscience, Karolinska Institutet, Stockholm, Sweden	Sweden
Effect of type 2 diabetes and intensified metabolic control on CNS function			
P37-20	Ishikawa, B	Hotoku-kai Utsunomiya Hospital, Tochigi, Japan	Japan
Absence of P300 and presence of N1 in two patients after herpes encephalitis			



For over 20 years, Magstim has been a leading company in the field of Neuroscience. Selling into over 60 territories worldwide from our base in Wales, Magstim has helped advance scientific research into brain function.

Magstim is also the manufacturer of the Neurosign range of intra-operative nerve monitors, which are designed to reducing the risk of nerve damage during surgery.

Although we have expanded significantly in recent years, we believe that there is still a great deal more to be accomplished.

If you would like to be part of our continuing success, please visit our website at www.magstim.com.

www.magstim.com
T: +44 (0)1994 240798 E: sales@magstim.com