

ICCN2010 POSTER SESSION (Talking Poster)

Oct. 29, Friday 11:10-

P1 Visual function, Face, Eye movement

Chair: Tobimatsu S

Venue A Portopia Hall

Presentation Order

Poster Number	Name	Title
1 P1-1	Otsuka, Saika	Statistical analysis of VEPs to transient full-field pattern-reversal stimulation in 167 normal adults
2 P1-2	Okamoto, Ryutaro	Visual Evoked Potentials for convex or concave stereoscopic vision
3 P1-4	Goto, Kazuhiko	Quantitative analysis of VEP on difference between sinusoidal pattern and rectangular pattern
4 P1-5	Kasagi, Yasufumi	Depth-dependent Changes in Stereoscopic Visual Evoked Potentials by Dynamic Random Dot Stereograms
5 P1-6	Momose, Keiko	Extraction of M and P components of the visual evoked potential using pseudorandom stimulation with swept parameter technique
6 P1-7	Yamazaki, Hiroko	Time frequency analysis of VEPs elicited by low spatial frequency and high reversal rate stimuli using complex demodulation method
7 P1-8	Sanada, Motoyuki	Retrieval-related facilitation of visual short-term memory by high motivation
8 P1-9	Kremlacek, Jan	Origins of motion-VEPs amplitude decay during prolonged visual stimulation
9 P1-10	Hafner, Hava	Visual Evoked Potentials to Flash Stimuli Following 1Hz rTMS
10 P1-11	Aoki, Ryoza	Two different systems for face and pattern perception in human brain as revealed by ERP
11 P1-12	Miki, Kensaku	The development in the perception of facial emotion change using ERPs
12 P1-13	Konishi, Kenzo	Does the motion of gaze influence to the human face processing ?
13 P1-14	Komatsu, Sahoko	Facial identity facilitates facial expression recognition: A high-density ERP study
14 P1-15	Mistudo, Takako	Face-sensitive neural responses in the occipital cortex without visual awareness
15 P1-16	Moriya, Hiroki	An electrophysiological investigation of the emotional influence on the breadth of attention at early sensory processing stages
16 P1-17	Huh, Young Eun	Mechanism of Head Shaking Nystagmus From Focal Cerebellar Lesions: Flocculonodular Dysfunction
17 P1-20	Song , Hyun Seok	0.5% Apraclonidine Test: A New Pharmacologic Test for Horner Syndrome
18 P1-21	Oh, Sun Y.	Standard Smooth Pursuit Study using Step-ramp and Sinusoidal Target Stimuli
19 P1-22	Goto, Yoshinobu	Utility of exploratory eye movements in patients with neurological and psychiatric diseases
20 P1-23	Kiyota, Naoe	Effects of anti-saccade training with neck flexion on eye movement performance, presaccadic potentials and prefrontal hemodynamics in the elderly
21 P1-24	Grzybkowska, Anna	Right-side priority of stimuli perception and imagination

ICCN2010 POSTER SESSION (Talking Poster)

22 P1-25	Matsuyoshi, Daisuke	Insufficient filtering of distractors in visual short-term memory and inattention blindness
23 P1-26	Okano, Tomoko	Gaze behavior when observing a ultrasonic diagnostic image
24 P1-27	OSHITA, Kazushige	Asymmetry of force fluctuation during isometric plantar flexion with or without visumotor correction
25 P1-28	Yamasaki, Takao	Aging of the parallel visual pathways in humans

P2 Diabetic neuropathy, Autonomic function

Chair: Cueto A

Venue B South Wing 1F Ohwada A

Presentation Order Poster Number	Name	Title
1 P2-1	Isak, Baris	Clinical Utility of F-wave Duration Parameters in Diabetic Patients with Distal Symmetric Polyneuropathy
2 P2-2	Pan, Hua	F waves as a test for Diabetic Polyneuropathy
3 P2-4	Pugdahl, Kirsten	Effect on continuing medical audit on electrodiagnostic criteria in polyneuropathy
4 P2-6	Baba, Masayuki	Tibial A-wave is in value in diagnosis of diabetic polyneuropathy
5 P2-8	Kurita, Akira	Clinical utility of nerve conduction studies of the foot for the early detection of subclinical polyneuropathy in Japanese diabetic patients
6 P2-9	Kanouchi, Tadashi	Metabolic syndrome is a risk factor for exaggerating neuropathy in diabetic patients
7 P2-10	Matsumura, Miyuki	Pain threshold of diabetic patients: An investigation using intraepidermal electrical stimulation
8 P2-12	Borucu, Deniz	The utility of conduction studies of distal branches of the superficial peroneal nerve studies in diabetic patients
9 P2-13	Wilder-Smith, Einar P.	VEGF expression in an Alloxan-induced diabetic rabbit model
10 P2-14	Sohn, Eun H	Invasion of somatic small fiber differs with autonomic fiber in diabetic neuropathy
11 P2-15	Alar, Timucin	LIGHTNING STRIKE: A FIRST CASE OF UNILATERAL DIAPHRAGMATIC PARALYSIS
12 P2-16	Nakade, Yusuke	Association of diabetic autonomic neuropathy and post-challenge hyperglycemia in patients with newly diagnosed type 2 diabetes
13 P2-17	Modi, Manish	Correlation of Sympathetic Skin Response and Nerve conduction studies with Urodynamic studies in Diabetic patients with lower urinary tract symptoms
14 P2-18	Kanda, Fumio	Clinical and neurophysiological evaluation for neurological complications in xeroderma pigmentosum
15 P2-19	Toyokura, Minoru	Paradoxical shortening of sympathetic skin response latency: comparison of the latency, amplitude, and waveform among eight recording sites
16 P2-20	Hidetoshi, Sadachi	Gastric movement under mental calculation
17 P2-21	Huang, Chih-Cheng	Assessing Baroreflex Sensitivity in Patients with Carotid Stenting: Comparison of Valsalva Maneuver and Sequence Method

ICCN2010 POSTER SESSION (Talking Poster)

18 P2-22	Aotsuka, Yasuyuki	Effects of the odor of green young barley grass extract on central and autonomic nervous system function
19 P2-23	Tsukahara, Reiko	Time relationship between motor and sympathetic activation in a voluntary handgrip
20 P2-24	Jayasinghe, Sudheera S.	Normative values of sympathetic skin response (SSR) and correlation of SSR with R-R interval based autonomic function tests.
21 P2-25	Lu, Cheng-Hsien	Long-term effects of baroreflex function in patients who had carotid stenosis underwent carotid stenting
22 P2-26	Lee, Lian_Hui	A novel index of sympathovagal balance from independent component analysis of heart rate and blood pressure variability
23 P2-27	Assenza, Giovanni	CORTICAL NEUROMODULATION MODIFIES CEREBRAL VASOMOTOR REACTIVITY

P3 Peripheral neuropathy, Nerve conduction (1)

Chair: Kohara N

Venue C South Wing 1F Ohwada B

<u>Presentation Order</u>	<u>Name</u>	<u>Title</u>
Poster Number		
1 P3-2	Laaksonen, Satu M.	Deep peroneal nerve sensory neurography in healthy subjects
2 P3-3	Wee, Abelardo S.	Confirming median-to-ulnar nerve crossover at the forearm (Martin-Gruber) by simultaneous stimulation of both median and ulnar nerves at the upper arm
3 P3-4	Wilder Smith, Einar P	Yield of investigations in radial nerve lesions using high resolution ultrasonography
4 P3-5	Qerama Montvilas, Erisela	The relationship between the nerve conduction studies and ultrasound measurements of the median nerve in the distal arm in healthy subjects
5 P3-6	Yalinay, Pinar	NEUROPHYSIOLOGICAL AND ULTRASOUND RESULTS FOR SURAL NERVE ON THE SAME LOCATION
6 P3-7	Johnsen, Birger	Description of 584 ulnar nerve lesions examined with near-nerve technique including guidelines for localisation based on electrophysiological findings
7 P3-8	Berkeley, Rupert C.	Differences in HCN/Ih in motor axons and cutaneous sensory neurons innervating glabrous or hairy skin
8 P3-9	Therimadasamy, Aravindakannan	A novel nerve conduction technique to assess the supraorbital nerve function
9 P3-10	Tamura, Akiko	Relationship between pain of the subject and stimulus duration in motor nerve conduction studies
10 P3-11	Zhu, Dongqing	PARADOXICAL EFFECTS OF COOLING ON VIBRATIONAL INDUCED REDUCTION OF SENSORY NERVE ACTION POTENTIAL
11 P3-12	Zhu, Dongqing	COOLING ENHANCES THE MASKING EFFETS OF CONDITIONING HIGH FREQUENCY ELECTRICAL STIMULATION ON SENSORY NERVE ACTION POTENTIAL IN HUMAN
12 P3-13	Rubin, Devon I.	The effect of paired stimuli on the latencies and amplitude of the blink reflex responses in normal subjects
13 P3-14	Huh, So-Young	Correlation of F-wave latencies between height and length of limbs from Korean populations
14 P3-15	Yamada, Masafumi	Same motor unit F-waves with different latencies

ICCN2010 POSTER SESSION (Talking Poster)

15 P3-16	Shibata, Eriko	Effects of sensory input by means of highly elastic adhesive tape on the gain modification of the spinal reflex
16 P3-17	Konno, Shunsuke	The effects on the reliability of reading parameters of F-waves by flattening the baselines of the waveforms using a mathematical approximation.
17 P3-18	Etoh, Seiji	Facilitation of F-waves by cortical and cervical magnetic stimulation
18 P3-19	Abe, Tatsuya	A new application for the automated quantitative evaluation of single motor unit function in F-wave
19 P3-20	Katayama, Masafumi	Influence of auditory stimulation on excitability changes in spinal motoneurons: an F-wave study
20 P3-23	Jabre, Joe F.	OXYNEUROGRAPHY, A NEW TECHNIQUE FOR THE EVALUATION OF PERIPHERAL NERVE OXYGENATION
21 P3-24	Gunasekera, Sudath M.	Utility of medial plantar nerve conduction study as a screening tool for distal symmetric polyneuropathy in Sri Lanka
22 P3-25	Nodera, Atsuko	Threshold-dependent effects on peripheral nerve in vivo excitability properties in the rat
23 P3-27	Gunarathne, Kamal	Isolated musculocutaneous nerve lesion in a healthy female following indirect trauma : a case report

P4 Mismatch negativity, P300

Chair: Yorio A

Venue D South Wing 1F Ohwada C

<u>Presentation Order</u>	<u>Name</u>	<u>Title</u>
<u>Poster Number</u>		
1 P4-1	Nagai, Tatsuya	Mismatch negativity in patients with at-risk mental state and first-episode schizophrenia patients: a preliminary study
2 P4-2	Kremlacek, Jan	Visual motion mismatch negativity - no effect of task modulation
3 P4-3	Watanabe, Hayato	The method for clear distinction between short and long duration MMNm
4 P4-4	Matuoka, Takashi	The probability effect on the discriminative sensitivity inside temporal window integration
5 P4-5	Smirnov, Kirill	Molecular genetic and EEG correlates of aggressiveness
6 P4-7	Zarchi, Omer	Mismatch Negativity in Williams Syndrome: A Window for Understanding Auditory Oversensitivity
7 P4-8	Lai, Chiou-Lian	The effects of cholesterol and CYP46 polymorphism on cognitive event-related potentials
8 P4-9	Sakamoto, Kiwako	The effect of mastication on human cognitive processing: A study using event-related potentials
9 P4-10	Farina, Jeanette IS	Computer games training may affect normative values of some event related potentials in children
10 P4-11	Akimoto, Hideo	Effects of Odor on Event-related Potential (P300) and Pleasantness
11 P4-12	Krbot, Magdalena	Influence of parameters of the Sternberg memory task (the set size and probe item affiliation) on cognitive event-related potentials
12 P4-13	Bocquillon, Perrine	EVENT-RELATED POTENTIALS TO TARGET AND DISTRACTOR: LOCALIZATION OF THE P300 CORTICAL SOURCES BY swLORETA

ICCN2010 POSTER SESSION (Talking Poster)

13 P4-14	Ishikawa, Bunnoshin	P300 ERP of normal young adults
14 P4-15	Boucher, Olivier	Using event-related potentials in the assessment of the neurotoxic effects of seafood contaminants in Inuit children from Arctic Quebec
15 P4-16	Toshima, Hiroko	Brain imaging in Karuta players with near-infrared optical topography and event-related potential
16 P4-17	Watanabe, Yuka	Abnormal information processing in migraine patients evaluated by auditory counting oddball paradigm
17 P4-18	Okazaki, Shinji	Event-related potentials in attentional control during vigilance task with ordinary and reverse stimulus sequences
18 P4-19	Holeckova, Irena	A Combined ERP and PET Study in Persistent Vegetative State Patients
19 P4-20	Lee, Gwan-Taek	Decreased theta oscillation during visual oddball task in patients with restless legs syndrome
20 P4-21	Fogelson, Noa	The role of the frontostriatal system in local contextual processing: Evidence from Parkinson's disease patients
21 P4-22	Tachibana, Hisao	Electrophysiological components predicting levodopa responsiveness in patients with Parkinson's disease
22 P4-24	Edlinger, Guenter	P300 and SSVEP based Brain-Computer interface for Control of a Smart Home Virtual Environment
23 P4-25	KODAMA, TAKAYUKI	Neuropsychiatric analyses on effects of the color environments on cognitive functions in traumatic brain injury.
24 P4-27	Okajima, Yuka	Event-related potentials and personality traits in persons with Asperger disorder

P5 Parkinson's disease

Chair: Hirata K

Venue E KICC : Main Hall

<u>Presentation Order</u>	<u>Name</u>	<u>Title</u>
Poster Number	Name	Title
1 P5-1	Harada, Toshihide	Evaluation of circadian rhythm of heart-rate variability and autonomic cardiovascular function in Parkinson's disease
2 P5-2	Alegre, Manuel	THETA SUBTHALAMIC ACTIVITY IN IMPULSE CONTROL DISORDERS IN PARKINSON DISEASE
3 P5-3	Kristeva, Romyana	Short-term effects of dance on motor control in Parkinson's disease patients
4 P5-4	Uematsu, Eri	Electrophysiological Analysis of Myerson Sign in Parkinson's Disease
5 P5-5	Iijima, Mutsumi	Event-related synchronization and desynchronization during a visual-motor integrated processing in Parkinson's disease
6 P5-6	Kitagawa, Mayumi	EEG reactivity to eye opening correlates with the clinical subtype of Parkinson's disease
7 P5-7	Uemura, Yusuke	Usefulness of actigraphy in screening for mild parkinsonian signs
8 P5-8	Elben, Saskia	Increase of subthalamic low-frequency oscillations during a verbal fluency task in Parkinson's disease

ICCN2010 POSTER SESSION (Talking Poster)

9 P5-9	Toxopeus, Carolien M.	Evidence from EMG and kinematics for deteriorated muscle activation patterns during manual circle movement in patients with Parkinson's disease.
10 P5-10	Sato, Hiromasa	Superimposing effects of visual and auditory cues on freezing of gait in Parkinson disease
11 P5-11	Chen, Chiung Chu	Complexity of subthalamic 13-35 Hz oscillatory activity directly correlates with clinical impairment in patients with PD
12 P5-12	Kyaw, Win-Thiri	Evaluation of Patients with Parkinson's Disease using Driving Simulator in Comparison with Neurological Signs
13 P5-13	Ikeda, Kazuyo	Quantitative analysis of skin sensory threshold in patients with Parkinson's disease
14 P5-14	Balaz, Marek	Time-frequency and spectral analysis of auditory executive event-related potentials in subthalamic nucleus
15 P5-15	Ide, Junko	Feature extraction for hand movement of PD patients under visual target tracking and its relation to visual inspection
16 P5-16	Hama, Tetsuo	Pain related SEP and cortical SEP in Parkinson's disease
17 P5-17	Borghain, Rupam	Autonomic function and Quantitative Sensory Testing (QST) in PD and PD plus syndromes.
18 P5-18	Libelius, Rolf H	Quantitative EMG abnormalities of the external anal sphincter were found in patients with Parkinsonism within three months after the first visit.
19 P5-19	Yoshida, Fumiaki	Value of subthalamic nucleus local field potentials recording in predicting stimulation parameters for deep brain stimulation in Parkinson's disease
20 P5-20	Nishida, Namiko	Deep Brain Stimulation of the Subthalamic Nucleus retrieves the normal REM stage with atonia in Parkinson's Disease
21 P5-21	Higuchi, Yoshinori	Effects of chronic subthalamic stimulation on electroencephalography in Parkinson's disease
22 P5-22	Nakano, Naoki	The 20Hz oscillatory brain activity evoked by high-frequency stimulation of subthalamic nucleus in the patients with Parkinson's disease.
23 P5-23	Maruo, Tomoyuki	Deep brain stimulation of the subthalamic nucleus improves temperature sensation in Parkinson's disease
24 P5-24	Bockova, Martina	Involvement of the subthalamic nucleus and globus pallidus internus in orientation and attention
25 P5-25	Alegre, Manuel	Coupling between beta and high-frequency activity in the human subthalamic nucleus may be a pathophysiological mechanism in Parkinson disease
26 P5-26	Schelter, Bjoern	Parkinson's Disease: The tremor-correlated network of the Subthalamic Nucleus
27 P5-27	Husarova, Ivica	Basal ganglia and cerebellum in the motor timing prediction task: Effective connectivity

P6 Epilepsy (1)

Chair: Ikeda A

Venue F KICC : Int'l Conf. Room

Presentation Order

<u>Poster Number</u>	<u>Name</u>	<u>Title</u>
1 P6-1	Unay, Bulent	Effect of vagus nerve stimulation on EEG and seizure frequency in children with intractable epilepsy
2 P6-4	Usui, Naotaka	Very high frequency oscillations (over 1000 Hz) in human epilepsy

ICCN2010 POSTER SESSION (Talking Poster)

3 P6-5	Al-Rawas, Sami F	The correlation between EEGs amplitude and interictal abnormalities
4 P6-6	Chung, Jeffrey M.	Is Interictal EEG Enough to Predict Seizure Freedom in Mesial Temporal Lobe Epilepsy with Hippocampal Sclerosis?
5 P6-7	Amandusson, Asa	Clinical utility of EEG dipole analysis in the preoperative evaluation of epilepsy surgery patients
6 P6-8	Kleen, Jonathan	Interplay of hippocampal interictal spikes and normal physiological oscillations in the production of transient working memory disruptions
7 P6-9	Bosnjak, Jelena	Electroencephalography in patients with pineal gland cyst and epilepsy
8 P6-10	Coutin-Churchman, Pedro E.	Value of Dipole Analysis and eLORETA in the localization of EEG interictal spikes in Epilepsy surgery patients
9 P6-11	Stern, John M.	Comparison of Dipole Analysis and Functional MRI in Localization of Epileptiform Discharges
10 P6-12	Yoshinaga, Harumi	Analysis of the preceding positive spikes in patients with benign partial epilepsy and febrile seizures
11 P6-13	LIN, YA-JU	Ceftazidime Induced Non-convulsive Status Epilepticus in a Uremic and Stroke Patient
12 P6-14	Scherg, Michael	BESA Epilepsy: A new clinical tool for fast evaluation of interictal spikes in long-term EEG
13 P6-15	Cabanes-Martinez, Lidia	LONG-TERM EVOLUTION OF LENNOX-GASTAUT SYNDROME IN INSTITUTIONALIZED PATIENTS
14 P6-16	Ishikawa, Fumito	Silent Epileptic EEG Areal Seizure - Long Term EEG Observation of Repeated Silent Seizure in Clinical Environment
15 P6-17	Matsumoto, Joyce H.	Plastic electrodes: the new "gold" for pediatric ECMO patients?
16 P6-18	Beniczky, Sandor	SCORE: Standardised Computer-based Organised Reporting of EEG
17 P6-19	Fumoto, Naohiro	Adult onset of eating epilepsy
18 P6-20	Jeong, Hye seon	A case of status epilepticus preceding cerebral infarction
19 P6-21	Watanabe, Satsuki	A case of epilepsy with nonprogressive myoclonic　status
20 P6-22	SAILAJA, SARVA	Ictal EEG onset patterns in Temporal Lobe Epilepsy A Correlation with surgical outcome.
21 P6-23	Pugh, Rachel	Parry Romberg Syndrome with intractable seizures associated with Rasmussen Encephalitis and monoclonal B cell proliferation on brain biopsy
22 P6-24	Tombini, Mario	MOBILE PHONE EMISSION MODULATES INTER-HEMISPHERIC FUNCTIONAL COUPLING OF EEG ALPHA RHYTHMS IN EPILEPTIC PATIENTS
23 P6-25	Yamazaki, Madoka	Dense array EEG has become a powerful tool for long-term monitoring in patients with temporal lobe epilepsy.
24 P6-27	Iizuka, Takahiro	Clinical Perspective on Pathophysiology of Stroke-like Episodes in MELAS
25 P6-28	Tai, Sharon	EEG abnormality in a patient with non-ketotic hyperglycaemia and partial motor seizures

ICCN2010 POSTER SESSION (Talking Poster)

P7 Motor neuron diseases

Chair: Phillips LH

Venue G Portpia Hotel : Kairaku 1

<u>Presentation Order</u>	<u>Name</u>	<u>Title</u>
<u>Poster Number</u>		
1 P7-1	Ohnari, Keiko	The fasciculation potentials and clinical course in amyotrophic lateral sclerosis (ALS)
2 P7-2	Feng, Xinhong	F-wave and Nerve Conduction Studies in 138 patients with Amyotrophic Lateral Sclerosis
3 P7-3	Hong, Yoon-Ho	Motor unit number estimation in evaluating disease progression in patients with amyotrophic lateral sclerosis
4 P7-4	Hong, Yoon-Ho	Reproducibility of the motor unit number index (MUNIX) in normal and ALS subjects
5 P7-5	Papagianni, Aikaterini E.	Involvement of the pyramidal fibers to Onufs nucleus in ALS: a transcranial magnetic stimulation study.
6 P7-6	Fisher, Karen M	15-30 Hz Intermuscular Coherence: A Novel Biomarker of Upper Motor Neurone Dysfunction in Amyotrophic Lateral Sclerosis
7 P7-7	Koh, Seong-Ho	The condition of bone marrow-MSCs of ALS patients is strongly associated with their prognosis.
8 P7-9	Shimizu, Toshio	Median nerve somatosensory evoked potentials in respirator-dependent amyotrophic lateral sclerosis with ophthalmoplegia
9 P7-10	Kim, JE	Asymmetry of motor unit number estimation (MUNE) in patients with amyotrophic lateral sclerosis
10 P7-11	Shibuya, Kazumoto	Axonal excitability properties in patient with amyotrophic lateral sclerosis. : Pathophysiology in "split hand".
11 P7-12	Hirayama, Masaaki	The sensory nerve conduction study is beneficial to distinguish bulbar and spinal muscular atrophy from amyotrophic lateral sclerosis.
12 P7-13	Pugdahl, Kirsten	Quantitative sensory testing in amyotrophic lateral sclerosis
13 P7-14	Burrell, James R.	Clinical and neurophysiological characteristics of an isolated bulbar phenotype of ALS
14 P7-15	Park , SY	The effect of chronic intermittent hypoxia in ALS mice model.
15 P7-16	Misawa, Sonoko	Muscle ultrasonography: A useful alternative approach to detect fasciculations in amyotrophic lateral sclerosis
16 P7-19	Reisin, Ricardo	Peripheral neuropathy and VIII cranial nerve involvement in Fabry disease
17 P7-20	Fujimaki , Yumi	Central and peripheral sensory pathway function in familial amyotrophic lateral sclerosis
18 P7-22	Baumann, Fusun	Novel Upper and Lower Motor Neuron Markers in Amyotrophic Lateral Sclerosis
19 P7-23	Boerio-Gueguen, Delphine	Multiple measures of axonal excitability in a mouse model of Kennedy disease
20 P7-24	Higashihara, Mana	Quantitative analysis of surface electromyography for the evaluation of lower motor neuron involvement in spinal and bulbar muscular atrophy
21 P7-27	Pigonska, Justyna	Lower motor neuron Mills syndrome (?). A case report.

ICCN2010 POSTER SESSION (Talking Poster)

22
P7-17 Roos, Per M Concentrations of manganese in cerebrospinal fluid and blood plasma from patients with amyotrophic lateral sclerosis

P8 Near-infrared spectroscopy (NIRS), Language

Chair: Hoshi Y

Venue H Portpia Hotel : Kairaku 2

Presentation Order

Poster Number	Name	Title
1 P8-1	Yamasaki, Takao	Neural basis of familiar voice recognition in preschool children: A near-infrared spectroscopic study
2 P8-2	Remijn, Gerard B.	NIRS-measurements of cortical hemodynamic activity in adults and preschool infants in response to static and motion stimuli
3 P8-3	Bembich, Stefano	Optical topography assessment of dominant hemisphere for language during passive listening
4 P8-4	Okamoto, Yasuhiro	Changes in task-associated cerebral blood induced by Role lettering: Measurement by multichannel near-infrared spectroscopy
5 P8-5	Nüsi, Tiina	Amplitudes of rTMS-evoked NIRS responses correlate with changes in heart rate
6 P8-8	Matsushiro, Nobuhito	Consideration on Fluctuation in NIRS Measurement
7 P8-10	Ogino, Takuya	Effects of transcranial direct current stimulation on movement associated cortical activation
8 P8-11	Mizutani, Tsutomu	Developmental change of prefrontal activity in Go/Nogo task revealed by Near Infrared-Spectroscopy
9 P8-12	Eda, Hideo	Fundamental study of Near-infrared spectroscopy with Spectroscopic technique with wide range of wavelength information
10 P8-13	Yoshitake, Hitoshi	Neurocognitive examination of Rock-Scissors-Paper behavior revealed by Near Infrared-Spectroscopy
11 P8-14	Shoji, Hiroaki	Evaluation of olfactory sensation in people with profound and/or multiple disabilities revealed by near infrared spectroscopy (NIRS)
12 P8-15	Hiyamizu, Makoto	Relationship between brain activity and standing posture control on dual task situation.
13 P8-16	Turovets, Sergei	Computational studies of NIRS using layered slab and MRI based head models
14 P8-17	Squintani, Giovanna	NIRS (NEAR INFRARED SPECTROSCOPY): EVALUATION OF OXYGEN CONSUMPTION IN NEUROPATHIC AND MYOPATHIC PATIENTS.
15 P8-18	Iwase, Masao	Two-channel NIRS activation curves of oxyhemoglobin during frontal lobe tasks in schizophrenia
16 P8-19	Koike, Shinsuke	Prefrontal hemodynamic change in differential clinical staging of schizophrenia, a multi-channel near-infrared spectroscopy (NIRS) study.
17 P8-20	Dan, Ippeita	Probabilistic spatial registration of NIRS imaging data with crossmodal clinical perspective
18 P8-21	Wittfoth, Matthias	Conflict processing of incongruent prosodic and semantic information
19 P8-22	Goto, Tetsu	Single trial classification of phonemes for electrocorticographic brain-machine interfaces
20 P8-23	Medaglia, Maria Teresa	How Aristotelian categorical proposition structures could help to identify the neural basis of contradictory judgments

ICCN2010 POSTER SESSION (Talking Poster)

21 P8-24	Medaglia, Maria Teresa	The identification of contradiction by the reasoning brain: distinct neural structures manipulate attributes and the terms <I>All</I> and <I>Some</I>
22 P8-25	Horie, Shizuka	Differential effects of spatial frequency on the processing of Japanese Kanji and Kana: An MEG analysis
23 P8-26	Okada, Rieko	Language function associated with phonemic and context cue in verbal fluency tasks: an fMRI study
24 P8-27	TAKAMURA, Masahiro	The role of visual imagery in concrete word processing: Effects of dynamic visual noise on event-related potentials to spoken words
25 P8-6	Nakahachi, Takayuki	Multichannel NIRS revealed frontal cortex activation associated with speeded processing of visuospatial working memory
26 P8-7	Yamamoto, Atsushi	Effects of aging on activity of the prefrontal cortex during shiritori task

P9 Sleep, Epilepsy (2)

Chair: Tachibana N

Venue I KICC : Room 401 + 402

Presentation Order	Name	Title
Poster Number	Name	Title
1 P9-2	Kuriki, Ayano	Effect of sleep regularity on daytime sleepiness
2 P9-3	Tsai, Yu-Tai	Sleep spindle oscillation regulated unilaterally: recording from human thalamus
3 P9-4	Takahara, Madoka	Effect of tasks just before bedtime on following sleep in children
4 P9-5	Kohsaka, Shinobu	Transient and sustained activations of the brainstem around K-complexes in humans
5 P9-6	Komada, Yoko	Clinical and videopolysomnographic characteristics of sleep-related eating disorder.
6 P9-7	Kodama, Mitsuo	Leg movement durations and periodicities in periodic limb movements of three patients with brain lesion, spinal cord lesion, and leg bone fractures
7 P9-9	Sasai, Taeko	The clinical significance of PLMS in REM sleep behavior disorder
8 P9-12	Isak, Baris	Neurophysiologic Approach to the Complex Organization in Spine: A study on FWD and Cutaneous Silent Period in Primary Restless Legs Patients
9 P9-14	Tachibana, Naoko	Is change in clinical symptoms of idiopathic RBD reflected by polysomnographic characteristics?: Hypothesis about treatment mechanism of iRBD
10 P9-15	Ji, Zhanfeng	Automatic EEG spike detection adaptable to state of background activities
11 P9-16	Fujioka, Hiroshi	An implantable, focal brain cooling device for epilepsy therapy: An animal and clinical investigation
12 P9-18	Kim, Jae moon	Role of Serotonin and Norepinephrine in Spontaneous Seizures of Noda Epilepsy Rats
13 P9-19	Varotto, Giulia	Partial Directed Coherence and graph theory indexes estimated on Stereo-EEG signals in patients with Taylors type focal cortical dysplasia
14 P9-20	Varotto, Giulia	Study of connectivity by means of Partial Directed Coherence on EEG signals in photosensitive patients during 14 Hz intermittent photic stimulation
15 P9-21	Matsuo, Fumisuke	Polygraphic EEG analysis of interictal focal epileptiform transients (IFET)

ICCN2010 POSTER SESSION (Talking Poster)

16 P9-22	Almubarak, Salah A	Prognosis of EEG findings in the first year of life
17 P9-23	Naik, Karkal_R	How common are the electroclinical seizures in the <I>routine</I> electroencephalogram?

P10 Pharmacophysiology, Bioelectric activity generators, Neuromonitoring

Chair: Kinoshita T

Venue J Portpia Hotel : Ikuta

Presentation Order Poster Number	Name	Title
1 P10-1	YAMAMOTO, TAKANOBU	MHPG measurement in saliva as an indicator of CNS activity
2 P10-3	Fan, Hueng-Chuen	THE SENSITISATION OF TRPV4 IN MECHANICAL HYPERALGESIA IS PKC PATHWAYS DEPENDENT
3 P10-4	Fan, HuengChuen	Activation of the TRPV4 Ion Channel Is Enhanced by Phosphorylation
4 P10-5	Shields, Kevin G.	Nerve excitability parameters are biomarkers that can differentiate between voltage-gated sodium (VGSC) blockers and may aid in drug development
5 P10-6	Koltzenburg, Martin	Use of changes in specific nerve excitability parameters as a biomarker for the blockade of HCN/Ih by Org 34167
6 P10-9	Berkeley, Rupert	Co-application of the membrane impermeable local anaesthetic QX-314 with lidocaine produces a selective and prolonged block of unmyelinated fibres
7 P10-10	Tanaka, Kazufumi	A New Single-Trial-EEG-Based BCI -Validation of Quantification Method of Type II Modeling-
8 P10-11	Kornhuber, Christine B.	Action potential generation in neurons: A simple computerized model
9 P10-12	Joutse, Atte	Comparison between weighted multielectrode leads and beamformers in improving the SNR of EEG generated by deep EEG sources
10 P10-15	Sipila, Sampsa T.	Tonic excitatory current mediated by ionotropic glycine receptors in the neonatal rat hippocampus
11 P10-16	Jantti, Ville	Complexity and entropy of anesthesia EEG at onset of burst suppression
12 P10-17	Palmu, Kirsi	Measures of the spontaneous, intermittent activity in the early preterm EEG
13 P10-18	Thordstein, Magnus	AUTOMATED CLASSIFICATION OF HUMAN NEONATAL EEG
14 P10-19	Fukuoka , Keiko	An experience of intraoperative electrophysiological monitoring in the surgery of eloquent cortex "The role of medical laboratory"
15 P10-20	Kamata, Kotoe	EMG recorded from frontal, masseter, and submental muscles under propofol anesthesia
16 P10-21	Oki, Tsumugi	Case report: N20 amplitude of SEP lost during late clamping phase of carotid endarterectomy.
17 P10-22	Urriza, Javier	CHANGES IN MEP MONITORING IN A CASE OF ENDOVASCULAR AORTIC REPAIR
18 P10-23	Pandia, Mihir P	Transcranial motor evoked potential monitoring during isoflurane and nitrous oxide anesthesia
19 P10-2	Kikuchi, Kiyoshi	Edaravone attenuates the cerebral ischemic injury by inhibiting aquaporine-4