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第 54 回日本臨床神経生理学会学術大会

EEL01 Educational Lecture 1 MUP analysis**Live**

Date & Time: 8:45 ~ 9:15, October 24 (Thu), 2024
Venue: ROOM 6 (2F 204)

Chair: Katsuhiko Mizuno (Department of Rehabilitation Medicine, Tokai University School of Medicine)

Speaker: Yoshihisa Masakado (Tokai University/IMS Shinkosigaya)

EEL02 Educational Lecture 2 Clinical Neurophysiology for functional recovery**Live**

Date & Time: 9:15 ~ 9:45, October 24 (Thu), 2024
Venue: ROOM 6 (2F 204)

Chair: Masahiko Mukaino (Department of Rehabilitation, Hokkaido University Hospital)

Speaker: Toshiyuki Fujiwara (Juntendo University Graduate School of Medicine)

EEL03 Educational Lecture 3 Spinal Reflexes: Basic Theory, Methodologic Considerations, and Clinical Applications**Live**

Date & Time: 9:45 ~ 10:15, October 24 (Thu), 2024
Venue: ROOM 6 (2F 204)

Chair: Kozo Hanayama (Kawasaki Medical School)

Speaker: Tomofumi Yamaguchi (Department of Physical Therapy, Human Health Sciences, Graduate School of Medicine, Kyoto University)

EEL04 Educational Lecture 4 Electroencephalography in elderly patients with epilepsy**Live**

Date & Time: 16:00 ~ 16:30, October 25 (Fri), 2024
Venue: ROOM 6 (2F 204)

Chair: Takefumi Hitomi (Hirakata Genral Hospital For Developmental Disorders)

Speaker: Naoki Akamatsu (International University of Health and Welfare School of Medicine, Department of Neurology)

EEL05 Educational Lecture 5 Anatomico-electro-clinical correlations - the core concept in SEEG**Live**

Date & Time: 16:30 ~ 17:00, October 25 (Fri), 2024
Venue: ROOM 6 (2F 204)

Chair: Takashi Nagamine (Inoue Hospital)

Speaker: Koichi Hagiwara (Epilepsy and Sleep Center, and Department of Neurology in Fukuoka Sanno Hospital)

EEL06 Educational Lecture 6 Natural history of idiopathic hypersomnia**Live**

Date & Time: 17:05 ~ 17:35, October 25 (Fri), 2024

Venue: ROOM 6 (2F 204)

Chair: Naoko Tachibana (Center for Sleep-related Disorders, Kansai Electric Power Hospital/ Division of Sleep Medicine, KEP-MRI)

Speaker: Karel Sonka (Sleep and Wake Disorders Center, Department of Neurology and Clinical Neurosciences, Charles University, First Faculty of Medicine, and General University Hospital Prague, Czech Republic)

ESY01 Symposium (English) 1 Current status and challenges of noninvasive neuromuscular diagnostic tools: Toward an alternative to needle electromyography**Live**

Date & Time: 15:40 ~ 16:40, October 24 (Thu), 2024

Venue: ROOM 6 (2F 204)

Chair: Tadashi Kanouchi (Institute of Science Tokyo, Department of Laboratory Medicine)
Hiroyuki Nodera (Neuromuscular disease center, Tenri Hospital)**ESY01-1 Evaluation of motor unit electrical current activity using magnetic field measurement**

Miho Akaza (Department of Clinical Information Applied Science, Tokyo Medical and Dental University)

ESY01-2 The Clustering Index method-its advantages and limitations in the diagnosis of neuromuscular disorders-

Mana Higashihara (Tokyo Metropolitan Institute for Geriatrics and Gerontology)

ESY01-3 Quantitative evaluation in neuromuscular ultrasound

Hiroyuki Nodera (Neuromuscular disease center, Tenri Hospital Department of Neurology, Tenri Hospital)

ESY02 Symposium (English) 2 Clinical neurophysiology and imaging of aging**Live**

Date & Time: 8:30 ~ 10:00, October 25 (Fri), 2024

Venue: ROOM 6 (2F 204)

Chair: Takashi Hanakawa (Kyoto University Graduate School of Medicine)
Takufumi Yanagisawa (Osaka University, Institute for advanced co-creation studies)**ESY02-1 Neurofeedback and aging**

Takufumi Yanagisawa (Osaka University, Institute for advanced co-creation studies)

ESY02-2 Distinguishing between age-related changes and pathological changes in MRI features

Kenji Yoshinaga (Kyoto University)

ESY02-3 Clinical neurophysiology of aging brain

Masashi Hamada (The University of Tokyo Hospital)

ESY02-4 Multimodal imaging of aging

Toshiaki Taoka (Department of Innovative Biomedical Visualization, Graduate School of Medicine,
Nagoya University)

ESY03 Symposium (English) 3 Role of the thalamus in epilepsy**Live**

Date & Time: 8:30 ~ 10:00, October 26 (Sat), 2024

Venue: ROOM 6 (2F 204)

Chair: Kensuke Kawai (Jichi Medical University)
Haruhiko Kishima (Department of Neurosurgery, Osaka University Graduate School of Medicine)

ESY03-1 Modulation of predictive coding through vagus nerve stimulation

Hirokazu Takahashi (Tokyo University)

ESY03-2 Thalamus in childhood epilepsy

Norimichi Higurashi (Musashi-Kosugi Pediatrics & Epilepsy Clinic/ The Jikei University School of Medicine)

ESY03-3 Thalamic DBS for Epilepsy

Haruhiko Kishima (Department of Neurosurgery, Osaka University Graduate School of Medicine)

ESY03-4 Cortical Thalamic Interactions in Focal Epilepsy

Jorge Gonzalez-Martinez (Neurosurgery, University of Pittsburgh)

ESY04 Symposium (English) 4 Neurophysiology and treatment of spasticity**Live**

Date & Time: 15:10 ~ 16:40, October 26 (Sat), 2024

Venue: ROOM 6 (2F 204)

Chair: Kimitaka Hase (Kansai Medical University)
Tetsuo Ota (Asahikawa Medical University Hospital)

ESY04-1 Management of spasticity in rehabilitation treatments

Kimitaka Hase (Kansai Medical University)

ESY04-2 Clinical and electrophysiological evaluation of spasticity

Michiyuki Kawakami (Keio University)

ESY04-3 The relationship between spasticity and spinal pathways: current status

Yoko Takahashi (Department of Physical Therapy, Faculty of Health Science, Juntendo University)

ESY04-4 Clinical assessment of spasticity among patients with stroke

Kaoru Honaga (Juntendo University Graduate School of Medicine, Department of Rehabilitation Medicine)

EHO1 EH-1 Sapporo Super EEG 1 Dementia, elderly epilepsy

Date & Time: 8:45 ~ 10:15, October 24 (Thu), 2024

Venue: Room 7 (2F 206)

Lecturer: Naoki Akamatsu (International University of Health and Welfare School of Medicine,
Department of Neurology)
Kazutaka Jin (Tohoku University)
Riki Matsumoto (Division of Neurology, Kobe University Graduate School of Medicine)
Takahiro Mitsueda (Osaka City General Hospital, Department of Neurology)

EHO2 EH-2 Sapporo Super EEG 2 Critical care EEG

Date & Time: 10:30 ~ 12:00, October 24 (Thu), 2024

Venue: Room 7 (2F 206)

Lecturer: Morito Inouchi (National Hospital Organization Kyoto Medical Center)
Akihiro Shimotake (NHO National Utano Hospital)
Shozo Tobimatsu (Dept. of Orthoptics, Faculty of Medicine,
Fukuoka International University of Health and Welfare)
Kiyohide Usami (Kyoto University Hospital, Department of Clinical Laboratory)

EHO3 EH-3 Sapporo Super EEG 3 wide-band EEG from DC shifts to HFO (invasive and scalp)

Date & Time: 14:00 ~ 15:30, October 24 (Thu), 2024

Venue: Room 7 (2F 206)

Lecturer: Akio Ikeda (Department of Epilepsy, Movement Disorders and Physiology,
Kyoto University Graduate School of Medicine)
Masao Matsushashi (Department of Epilepsy, Movement Disorders and Physiology,
Kyoto University Graduate School of Medicine)
Katsuhiro Kobayashi (Asahigawasou Rehabilitation and Medical Center)
Katsuya Kobayashi (Kyoto University Graduate School of Medicine)

EHO4 EH-4 Sapporo Super EEG 4 Chronic epilepsy

Date & Time: 15:45 ~ 17:15, October 24 (Thu), 2024

Venue: Room 7 (2F 206)

Lecturer: Hiroshi Shigeto (Division of Medical Technology, Department of Health Sciences,
Graduate School of Medical Sciences, Kyushu University / Department of Neurology,
Kyushu University Hospital)
Keiko Hara (Hara Clinic, Tokyo Medical and Dental University)
Jun Natsume (Department of Developmental Disability Medicine,
Nagoya University Graduate School of Medicine)
Motoki Inaji (Tokyo Medical and Dental University)

EHO5 EH-5 Sapporo Super EMG 1 Uncommon NCS

Date & Time: 8:30 ~ 10:00, October 25 (Fri), 2024

Venue: Room 7 (2F 206)

Lecturer: Masahiro Sonoo (Faculty of Medical Technology, Teikyo University)
Shoji Hemmi (Kawasaki Medical School Department of Neurology)
Chizuko Oishi (Department of Neurology, Kyorin University School of Medicine)
Yuki Hatanaka (Department of Neurology Teikyo University School of Medicine)

EHO6 EH-6 Sapporo Super EMG 2 SFEMG

Date & Time: 10:20 ~ 11:50, October 25 (Fri), 2024

Venue: Room 7 (2F 206)

Lecturer: Kimiyoshi Arimura (Okatsu Neurology and Rehabilitation Hospital)
Yumiko Arimura (Okatsu Neurology and Rehabilitation Hospital)
Tomonori Nakamura (Kagoshima University Hospital)
Kazumoto Shibuya (Chiba University)

EHO7 EH-7 Sapporo Super EMG 3 needle EMG

Date & Time: 14:20 ~ 15:50, October 25 (Fri), 2024

Venue: Room 7 (2F 206)

Lecturer: Nobuo Kohara (Kobe City Medical Center General Hospital)
Katsumi Kurokawa (Kawasaki Medical School General Medical Center)
Kenji Sekiguchi (Division of Neurology, Kobe University Graduate School of Medicine)
Hiroki Yamazaki (Tokushima Prefectural Central Hospital)

EHO8 EH-8 Sapporo Super EMG 4 Simple CMCT measurement/ Neuroanatomy-based case study

1) Simple CMCT measurement

Date & Time: 16:05 ~ 17:35, October 25 (Fri), 2024

Venue: Room 7 (2F 206)

Lecturer: Yoshikazu Ugawa (Fukushima Medical University)
Ritsuko Hanajima (Division of Neurology, Department of Brain and Neurosciences,
Faculty of Medicine, Tottori University)
Nagako Murase (National Hospital Organization Nara Medical Center)

2) Neuroanatomy-based case study

Date & Time: 16:05 ~ 17:35, October 25 (Fri), 2024

Venue: 2F 205

Lecturer: Hiroyuki Nodera (Department of Neurology, Tenri Hospital)