

24th Annual Meeting of Japan Neuromodulation Society

Date: 22 May 2010 (main conference)

23 May 2010 (hands-on seminar of SCS and DBS)

Venue: Toshi-Center Hotel (Tokyo)

**President: Prof. Takamitsu Yamamoto (Dept. Neurological Surgery, Nihon Univ.
School of Medicine, Tokyo, Japan)**

Main Conference 22 May, 2010

Opening remark(9:30-9:35) President: Takamitsu Yamamoto MD, PhD

Symposium: CRPS, ASO (9:35-10:25)

1. Spinal cord stimulation for the intractable pain in the patients of peripheral arterial disease

Yoshifumi Hirata

2. Preventive factors in SCS for the treatment of ASO

Yoshihisa Aida

3. Why is CRPS often regarded as psychogenic origin ?

Takaomi Taira

4. A case of complex regional pain syndrome type II patient whose escape phenomenon during epidural spinal cord stimulation was improved by neurolythaphy.

Masataka Ifuku

Symposium: Application of new cerebrospinal stimulation system

5. Clinical use of tractography in STN-DBS.

Mitsuru Watanabe

6. DBS surgery with frameless and multi-tract microrecording

Chikashi Fukaya

7. Thermal Neuromodulation: A New Therapeutic Paradigm for Central Nervous Diseases.

Yuji Fujioka

8. Experience of new SCS system (Genesis®)

Masahiko Sumiya

<Special lecture 1.> 11:15-12:05

New Hardware for DBS

Prof. Sung June Kim

School of Electrical Engineering and Computer Science

Nano Bioelectronics and Systems Research Laboratory

Seoul National University, Korea

12:10-13:10 Lunch and Board Meeting

<Special lecture 2.> 13:15-14:05

Deep Brain Stimulation for Parkinson's disease and Dystonia

Prof. Jin Woo Chang

Brain Research Institute, Department of Neurosurgery,
Yonsei University College of Medicine, Seoul, Korea

Symposium: Involuntary movement, motor weakness (14:05-14:55)

9. Effect of low frequency subthalamic nucleus stimulation on gait disturbance in Parkinson disease

Yasumasa Nishikawa

10. Spinal cord stimulation for Parkinson disease

Naoki Nakano

11. Development of a rehabilitation system based on brain machine interface by near infrared spectroscopy

Kaoru Sakatani

12. Change of middle cerebral artery perfusion after driving a cycling wheelchair in the patients with lower extremity impairment

Kazunori Seki

<Keynote lecture> 14:55-15:15

Cerebrospinal stimulation therapy for the treatment of VS and MCS

Prof. Takamitsu Yamamoto

Applied System Neuroscience and Neurological Surgery,
Nihon University School of Medicine, Tokyo, Japan

Coffee Break 15:15-15:30

Symposium: ITB

13. Preliminary study of the optimal concentration for ITB therapy

Hidehiro Hirabayashi

14. A case of intrathecal baclofen therapy in a child with hypoxic ischemic encephalopathy

Norihiro Muraoka

15. Device malfunction in neuromodulation.

Takaomi Taira

Symposium: SCS and DBS for neuropathic pain

16. – Spinal cord stimulation for the intractable pain in the patients with Parkinson disease –

Yoshifumi Hirata

17. The long term effect of Spinal Cord Stimulation: Two Case Reports

Yoichiro Abe

18. Spinal cord stimulation for central post-stroke pain

Kohichi Hosomi

19. Subthalamic nucleus stimulation for reduction of pain related to Parkinson's disease

Hideki Oshima

<Closing remark>17:00-17:05

President: Takamitsu Yamamoto

Hands-on Seminar 23 May, 2010

President: Takamitsu Yamamoto MD, PhD (Nihon Univ.)

Instructor:

SCS: Haruhiko Kishima MD, PhD (Osaka Univ.),
Hideki Oshima MD, PhD (Nihon Univ.)

DBS: Takuya Uchiyama MD, PhD (Kinki Univ.),
Chikashi Fukaya MD, PhD (Nihon Univ.)