



# The First day-Friday, May 11, 2012

8:20~8:30

## Opening Remarks

Nobuhito Saito (The University of Tokyo, Tokyo)  
President of The 32nd Annual Meeting of The Japanese Congress of Neurological Surgeons

8:30~10:20 Plenary Session

### PS1-1 Basic Principles and Practice of Vascular Malformations

Moderators : Kazuo Mizoi (Akita University, Akita)  
Waro Taki (Mie University, Mie)

1. AVMs Difficult to be Treated by Open Microsurgery .....Kenichiro Kikuta (University of Fukui, Fukui)
2. Gamma Knife Radiosurgery for Large AMV's .....Hidefumi Jokura (Jiro Suzuki Memorial Gamma House, Furukawa Seiryou Hospital, Miyagi)
3. Significance and Pitfall of Embolization for Arteriovenous Malformations .....Shigeru Miyachi (Nagoya University, Aichi)
4. Diagnosis and Treatment for Cavernous Malformations .....Kazuhiko Nozaki (Shiga University of Medical Science, Shiga)
5. Dural Arteriovenous Fistulas : Classification and Treatment .....Kenji Sugiu (Okayama University, Okayama)
6. Spinal Arteriovenous Shunts : What is Treatable or Untreatable? .....Yuji Matsumaru (Toranomon Hospital, Tokyo)

10:20~12:10 Plenary Session

**PS1-2 Diagnosis and Treatment of Benign Brain Tumors**

*Moderators : Tomio Sasaki (Kyushu University, Fukuoka)*

*Eiji Komura (Kobe University, Hyogo)*

- 1. Treatment Strategy for Meningioma According to the Pathological Findings**  
..... Hidehiro Oka (Kitasato University, Tokyo)
- 2. Understanding and Management of Neurofibromatosis 2 and von Hippel-Lindau disease**  
..... Keisuke Ueki (Dokkyo Medical University, Saitama)
- 3. State-of-the-art and Future of the Endoscopic and Robotic Surgeries**  
..... Kazuhiro Hongo (Shinshu University, Nagano)
- 4. Medical Management of Pituitary Adenoma**  
..... Atsushi Tominaga (Hiroshima University, Hiroshima)
- 5. Issues in Formidable Skull Base Tumors**  
..... Kiyoshi Saito (Fukushima Medical University, Fukushima)
- 6. Prospective View for the Radiation Therapy by Heavy Ion Particles**  
..... Shogo Ishiuchi (The University of Ryukyu, Okinawa)

12:20~13:20

**Luncheon Seminars**

meeting place : Room 2~10



13:30~14:30 Plenary Session

**PS1-3**

## Neurosurgical Issues in the Earthquake Disaster



*Moderators : Akira Teramoto (Nippon Medical School, Tokyo)  
Katsuji Shima (National Defense Medical College, Saitama)*

### 1. Acute Medical Services in Disaster

.....Tohru Aruga (Showa University, Tokyo)

### 2. East Japan Earthquake Disaster and Neurosurgery

.....Teiji Tominaga (Tohoku University, Miyagi)

### 3. Support Activity of Japan Neurosurgical Society after Disastrous Earthquake in Large Area

.....Amami Kato (Kinki University, Osaka)

14:30~16:20 Plenary Session

**PS1-4**

## Functional Surgery and Neuroscience



*Moderators : Isao Date (Okayama University, Okayama)  
Yoichi Katayama (Nihon University, Tokyo)*

### 1. Functional Localization in Human Brain

.....Akio Ikeda (Kyoto University, Kyoto)

### 2. Discovery of Human Brain Network for Visual Recognition by Electrocorticogram

.....Kyosuke Kamada (Asahikawa Medical University, Hokkaido)

### 3. Recent Advances of Brain Science on Face Perception and Recognition

.....Ryusuke Kakigi (National Institutes of Natural Sciences, Tokyo)

### 4. Cutting-edge of Brain-machine Interface

.....Masayuki Hirata (Osaka University, Osaka)

### 5. Deep Brain Stimulation : Issues and Prospects

.....Chikashi Fukaya (Nihon University, Tokyo)

### 6. The Latest Technology of Rehabilitation Clinical Field : Myoelectric Prosthesis

.....Takaaki Chin (Department Of Orthopedics Hyogo Rehabilitation Centre, Hyogo)

16 : 20~17 : 50 Plenary Session

## PS1-5 Issues in pediatric neurosurgery

*Moderators : Toshiaki Abe (Jikei University School of Medicine, Tokyo)  
Hajime Arai (Juntendo University, Tokyo)*

### 1. Pre- and Post-operative Management of Pediatric Neurosurgical Treatment

.....Hiroaki Sakamoto (Department Of Pediatric Neurosurgery, Osaka City General Hospital, Osaka)

### 2. Neurosurgical Management for Infantile Posthemorrhagic Hydrocephalus

.....Masakazu Miyajima (Juntendo University, Tokyo)

### 3. Brain Malformations and their Genes

.....Mitsuhiko Kato (Yamagata University, Yamagata)

### 4. Multifactorial Causation of Spina Bifida and its Prevention

.....Shunsuke Ichi (Japanese Red Cross Medical Center, Tokyo)

### 5. Controversies in Determination of Brain Death in Children and Organ Procurement from Brain-dead Donor

.....Takashi Araki (Nippon Medical School, Tokyo)