# Day 3: Sunday, January 20

Tachibana, 2F

## English Session

### 09:00 ~ 09:40  ALGK/JLGK Educational Lecture 3

**Moderator:** Masaaki Yamamoto (Katsuta Hospital Mito GammaHouse, Japan)

**Title:** Gamma Knife surgery for AVMs - what have we learned in 30 years?

**Presenter:** Bengt Karlsson  
Singapore Gamma Knife Centre, Singapore

### 09:40 ~ 11:20  ALGK Symposium 3: How to Use Fractionation in GKRS

**Moderators:** Jung-Il Lee (Samsung Medical Center / Sungkyunkwan University School of Medicine, Korea)  
Yoshihisa Kida (Gamma Knife Center, Ookuma Hospital, Japan)

#### SY3-1  Fractionated GK Radiosurgery for Large Skull Base Meningioma

**Presenter:** Sun Ha Pack  
Department of Neurosurgery, Seoul National University Hospital, Korea

#### SY3-2  Preliminary report of stereotactic radiotherapy using mask system of Leksell Gamma Knife Icon

**Presenter:** Takuya Kawabe  
Department of Neurosurgery, Rakusai Shimizu Hospital, Japan

#### SY3-3  Treatment for brain metastasis by Leksell Gamma Knife Icon

**Presenter:** Kazutaka Yatsushiro  
Department of Neurosurgery, Fujimoto General Hospital, Japan

#### SY3-4  Philippine Experience on Gamma Knife Hypofractionated Stereotactic Radiosurgery (Perfexion Extend System)

**Presenter:** Levi M. Maliwat  
Philippine Gamma Knife Center, Brain and Spine Institute, Cardinal Santos Medical Center, Philippines

#### SY3-5  Early effect of stereotactic radiotherapy for large metastatic brain tumors - Comparison between the gamma knife and Novalis STx linear accelerator

**Presenter:** Takashi Shuto  
Stereotactic Radiotherapy Center, Yokohama Rosai Hospital, Japan

#### SY3-6  Volumetric changes of intracranial metastases during the schedule of fractionated stereotactic radiosurgery and its significance of adaptive planning

**Presenter:** Min Ho Lee  
Department of Neurosurgery, Samsung Medical Center, Sungkyunkwan University School of Medicine, Korea
SY3-7  Comparison of treatment results between 3-staged and 2-staged Gamma Knife radiosurgery for large brain metastases: a multi-institutional retrospective study (JLGK1601)
   Toru Serizawa
   Tokyo Gamma Unit Center, Tsukiji Neurological Clinic, Japan

SY3-8  Single-session versus 2-session Gamma Knife radiosurgery for symptomatic midsize brain metastases: a propensity score-matched analysis
   Shoji Yomo
   Division of Radiation Oncology, Aizawa Comprehensive Cancer Center, Aizawa Hospital, Japan

11:20 ~ 11:30  Closing Ceremony