



## Tentative Program

**Radiosurgery and Focused Ultrasound**

**September 6 (Tue.)**

Place: Room B (2F)

Session Time: 15:00-16:00

**FP-T-B-1**

**15:00-15:05**

Factors Associated with Long-Term Tumor Control More than 10 Years and Radiation Toxicity after Gamma Knife Surgery for Benign Supratentorial Non-Skull Base Non-Perioptic Meningiomas

Presenter: Eun Jung Lee (Korea, Republic of)

Co-Authors: Eun Jung Lee, Hyun-Tai Chung, Hanguel Park, Jin-Wook Kim, Dong Gyu Kim, Sun Ha Paek

**FP-T-B-2**

**15:05-15:10**

Fate of Radiation Induced Organized Hematoma (RIOH) after GKS for AVM

Presenter: Seungwoo Hong (Korea, Republic of)

Co-Authors: Seungwoo Hong, Kyungwon Chang, Wonseok Chang, Jinwoo Chang, Hyunho Jung

**FP-T-B-3**

**15:10-15:15**

Attempt of Ultrasound Stimulation for Thalamic Nuclei during MR-Guided Focused Ultrasound Therapy.

Presenter: Kenji Sugiyama (Japan)

Co-Authors: Kenji Sugiyama, Makoto Kadowaki, Hiroki Namba, Takao Nozaki, Kazuhiko Kurozumi



**FP-T-B-4**

**15:15-15:20**

Artificial Intelligence Determines Tumor Response of Cystic Vestibular Schwannoma after Gamma Knife Radiosurgery: a Method Using Fuzzy C-Means Clustering

Presenter: Cheng-chia Lee (Taiwan)

Co-Authors: Cheng-chia Lee

**FP-T-B-5**

Two-Day-Fraction Stereotactic Radiosurgery for Large Volume Brain Metastasis

Presenter: In-Young Kim (Korea, Republic of)

Co-Authors: In-Young Kim, Joo-Whan Lee, Shin Jung, Tae-Young Jung, Kyung-Sub Moon, Young-Jin Kim, Sa-Hoe Lim

**FP-T-B-6**

**15:25-15:30**

Factors Associated with Energy Efficiency of Focused Ultrasound through the Skull: a Study of 3d-Printed Skull Phantoms and Its Comparison with Clinical Experiences

Presenter: So Hee Park (Korea, Republic of)

Co-Authors: So Hee Park, Chanho Kong, Jaewoo Shin, Hee Gyu Baek, Juyoung Park, Sung Ho Kim, Young Cheol Na, Won Seok Chang, Jin Woo Chang

**FP-T-B-7**

**15:30-15:35**

Technical and Operative Factors Affecting Magnetic Resonance Imaging? Guided Focused Ultrasound Thalamotomy for Essential Tremor: Experience from 250 Treatments

Presenter: Myung Ji Kim (Korea, Republic of)

Co-Authors: Myung Ji Kim, Kyung Won Chang, So Hee Park, Won Seok Chang, Hyun Ho Jung, Jin Woo Chang

**FP-T-B-8**

**15:35-15:40**

Prediction of Gamma Knife Radiosurgery (GKRS) Success for Benign Meningioma Using Machine Learning Models

Presenter: Hyun-Tai Chung (Korea, Republic of)

Co-Authors: Hyun-Tai Chung, Hye Jeong Yang, Tae Hoon Kim, Tae Suk Suh, Eun Jung Lee, Sun Ha Paek



**FP-T-B-9**

**15:40-15:45**

Immediate and Early Postoperative Tremor Fluctuation and 6?12-Month Tremor Outcomes after Magnetic Resonance-Guided Focused Ultrasound for Essential Tremor

Presenter: Kazushi Kitamura (Japan)

Co-Authors: Ryota Motoie, Namiko Nishida, Jympei Sugiyama, Wataru Yoshizaki, Hiroki Toda

**FP-T-B-10**

**15:45-15:50**

Gamma Knife Thalamotomy ; Single Institutional Experience

Presenter: Seungwoo Hong (Korea, Republic of)

Co-Authors: Seungwoo Hong, Kyungwon Chang, Wonseok Chang, Jinwoo Chang, Hyunho Jung

**FP-T-B-11**

**15:50-15:55**

Scalp Nerve Block Alleviates Headache Associated with Sonication Using Moderate Energy Level during Transcranial Focused Ultrasound

Presenter: Makoto Kadowaki (Japan)

Co-Authors: Makoto Kadowaki, Kenji Sugiyama, Takao Nozaki, Hiroki Namba, Kazuhiko Kurozumi,