

13th November, Saturday

Room1 International Conference Room(3rd floor of Bldg.)

English Session

08:30 ~ 09:10 General session : Meningiomas and other benign tumors

Moderator : Hiroshi Inoue (Restorative Neurosurgery and Radiosurgery, Institute of Neural Organization, Japan)
Maheep Singh Gaur (Kumud Chawla Gamma Knife Center)

GS-39 Gamma knife radiosurgery for meningioma : post-irradiation changes on CT scan

Takuya Kawabe
Katsuta Hospital Mito GammaHouse, Hitachi-naka, Japan

GS-40 Volumetric follow-up of meningiomas treated with gamma knife surgery : results of more than 5 years follow-up

Osamu Nagano
Gamma Knife House Chiba Cardiovascular Center, Ichihara, Japan

GS-41 Gamma knife surgery for skull base meningiomas : advantage in our treatment concept as microsurgery

Motohiro Hayashi
Department of Neurosurgery, Tokyo Womens Medical University, Tokyo,
Saitama Gamma Knife Center, Saitama, and RIT Kasai Gamma knife center, Tokyo, Japan

GS-42 The endocrinological role of adjuvant gamma knife radiosurgery for the acromegaly patient

Seok Keun Choi
Kyung Hee University Hospital, Kyung Hee Health Care System

09:10 ~ 10:40 Symposium : Functional disease

Moderator : Motohiro Hayashi (Tokyo Womens Medical University, Tokyo)
Jung-Kyo Lee (Ulsan University, College of Medicine Seoul Asan Medical Center, Seoul, Korea)

S -1 Radiosurgery for hypothalamic hamartomas with intractable seizure

Yoshihisa Kida
Department of Neurosurgery, Komaki City Hospital, Komaki, Aichi, Japan

S -2 Gamma knife radiosurgery for recurrent seizures after incomplete temporal lobectomy

Wen-Yuh Chung
Department of Neurosurgery, Department of Neurology, Department of Radiology,
Department of Psychiatry, Taipei Veterans General Hospital an National Yang-Ming University,
Taipei, Taiwan

S -3 What is the role of gamma knife and surgery for management of epilepsy?
- learning from treatment-failure cases

Satoshi Maesawa
Department of Neurosurgery, Nagoya University Graduate School of Medicine, Aichi, Japan

S -4 Gamma knife radiosurgery for medical temporal lobe epilepsy

Taku Ochiai
Ochiai Brain Clinic, Saitama, Japan

S -5 The location of effective lesions in the thalamus after gamma thalamotomy for the treatment of tremor

Tatsuo Hirai
Stereotaxis and Gamma Unit Center, Fujieda Heisei Memorial Hospital, Fujieda Japan

S -6 Radionecrosis following gamma knife treatment for mesial temporal lobe epilepsy

Jeremy C. Ganz
Gamma Knife Center, Cairo

11:00 ~ 12:00 Special presentaion

Moderator : Don Gyu Kim (Seoul National Universssity College of Medicine, Seoul, Korea)

SP- 「History and present states of gamma knife radiosurgery in Asia」

Tatsuya Kobayashi
Chairman, Nagoya Radiosurgery Center, Nagoya Kyoritsu Hospital, Japan

12:00 ~ 12:30 Lunch, information of next meeting

12:30 ~ Closing ceremony

Yoshihisa Kida, M.D. (President of the 2nd Asian and the 14th Japanese LGKS Meeting)
(Department of Neurosurgery, Komaki City Hospital, Komaki, Aichi, Japan)

13th November, Saturday

Room2 Room 234 (3rd floor of Bldg.)

English Session

08:30 ~ 09:10 General session : Imaging, dose planning, treatment aids

Moderator : Satoshi Suzuki (Nippon Steel Yawata Memorial Hospital, Fukuoka, Japan)
Guo,Wan-You (Taipei Veterans General Hospital, Taipei)

GS-43 Metabolic changes in intracranial metastases after gamma knife radiosurgery : serial proton MRS study

Mikhail Chernov
Faculty of Advanced Techno-Surgery and Departements of Tokyo Women's Medical University,
Tokyo, Japan

GS-44 Thin slice MR T1-weighted 3D volume imaging for gamma knife radiosurgery

Satoshi Suzuki
Nippon Steel Yawata Memorial Hospital, Japan

GS-45 Effects of frame posts on dose and dose distribution in gamma knife treatment

Tohru Iida Tarohda
Asanogawa General Hospital, Japan

GS-46 Useful base plate supporting the patient's head during leksell skull frame placement

Hisato Nakazawa
Nagoya Radiosurgery Center, Nagoya Kyoritsu Hospital, Japan

09:10 ~ 10:00 General session: Glial tumor and other malignant tumor

Moderator : Masaaki Yamamoto (Katsuta Hospital Mito GammaHouse, Mito, Japan)
Chang Hwa Choi (Department of Neurosurgery, Pusan National University School of Medicine)

GS-47 Can GKRS replace conventional EBRT in the initial management of malignant glioma patients?

Masaaki Yamamoto
Katsuta Hospital Mito GammaHouse, Hitachi-Naka, Japan

GS-48 Three cases of chordoid glioma of the third ventricle : combination of microsurgery and gamma knife radiosurgery as a novel therapeutic approach.

Tatsuya Kobayashi
Nagoya Radiosurgery Center, Nagoya Kyoritsu Hospital, Japan

GS-49 Stereotactic radiosurgery using model C gamma knife for recurrent head and neck cancers

Takahiko Tsugawa
Nagoya Kyoritsu Hospital, Japan

GS-50 Gamma knife surgery in the management of orbital tumors

Dong Liu
Tianjin Medical University 2nd Hospital

GS-51 Gamma knife radiosurgery for choroidal hemangioma

Jung-II Lee

Department of Neurosurgery, Samsung Medical Center, Sungkyukwan University School of Medicine, Seoul, Korea

10:00 ~ 11:00 General session : Brain metastasis

Moderator : Yuta Shibamoto (Nagoya City University Graduate School of Medical Radiology, Nagoya, Japan)
David Hung-Chi Pan (Taipei Veterans General Hospital, Taipei)

GS-52 Experience of treating metastatic brain tumors using gamma knife "Perfexion"

Hidefumi Jokura

Jiro Suzuki Memorial Gamma House, Furukawa Seiryō Hospital, Osaka, Japan

GS-53 Treatment of large to huge brain metastases using multisection radiosurgery

Hiroshi K. Inoue

Restorative Neurosurgery and Radiosurgery, Institute of Neural Organization, Japan

GS-54 A single session stereotactic radiosurgery for a large brain metastasis

Jung Ho Han

Department of Neurosurgery, Seoul National University Bundang Hospital, Gyeonggi-do, Korea
Department of Neurosurgery, Seoul National University College of Medicine, Seoul, Korea

GS-55 What factors predict the response of larger brain metastases to radiosurgery?

Huai-che Yang

Departments of Neurological Surgery University of Pittsburgh School of Medicine, Pittsburgh, PA
Departments of Neurosurgery, Taipei Veterans General Hospital, Taipei, Taiwan

GS-56 Gamma knife radiosurgery for brain metastases from digestive cancer

Kazuhiro Yamanaka

Osaka City General Hospital, Osaka, Japan

GS-57 Analysis of radiosurgical results in patients with brain metastases according to the number of brain lesions : Is stereotactic radiosurgery effective for multiple brain metastases?

Won Seok Chang

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