Welcome Speech

Dear Colleagues and Friends,

We sincerely invite you to take part in the Educational Course: “SRS/SRT in Management of Brain Metastases, Intracranial Gliomas, Eye Pathology, and Head and Neck Cancers, Spine Radiosurgery.” joint with the Annual Neurosurgery Meeting of Tianjin Medical Association.

This course is dedicated to promoting the development in Stereotactic Radiosurgery and promoting interaction among international neurosurgeons, radiation oncologists, medical physicists and other healthcare professionals who practice SRS/SRT in the management of brain metastases, intracranial gliomas, eye pathology, head and neck cancers and spine pathology.

Tianjin is one of the major cities in North China. The first independent neurosurgical department in China was set up here in 1952. Tianjin is also a great travel destination with long history and beautiful scenery.

We look forward to welcoming you to Tianjin and your active contribution and participation in the Educational Course.

Course Director: Professor Desheng Xu
Director Emeritus, Gamma Knife Center, Department of Neurosurgery, the 2nd Hospital of Tianjin Medical University.

Course Co-Director: Xiaomin Liu M.D., Ph.D.
Director, Gamma Knife Center, Department of Neurosurgery, Tianjin Huanhu Hospital, Nankai University.

Introduction of Speaker

Professor Tomokatsu Hori
Professor Emeritus, Department of Neurosurgery, Tokyo Women’s Medical University.
President, Moriyama Memorial Hospital.

Professor Ian E. McCutcheon, MD, FRCS(C), FACS
Neurosurgery, NeuroEndocrine Program, Peripheral Nerve Tumor Program, Ashbel Smith Professorship
Chairman | Executive Committee of the Medical Staff, University of Texas MD Anderson Cancer Center, Houston, TX, USA

Professor Li Pan
Associate Chief, Department of Neurosurgery, Huashan Hospital, Shanghai Medical College of Fudan University.
Chief, Cyber Knife Center, Department of Neurosurgery, Huashan Hospital, Shanghai Medical College of Fudan University.
President, Shanghai Gamma Knife Hospital.

Professor Ali Liu
Director, Gamma Knife Center, Beijing Tiantan Hospital, Beijing Neurosurgical Institute.
Mikhail Chernov, MD, DMedSci
Assistant Professor, Faculty of Advanced Techno-Surgery, Tokyo Women’s Medical University, Tokyo, Japan.
Co-chair of ISRS Education Committee.
Member of WFNS Radiosurgery Committee.

Ing. Anna Odložilková Ph.D.
Clinical Radiology physicist, Masaryk Memorial Cancer Institute, Brno, Czech Republic

Professor CP Yu
Honorary Consultant Neurosurgeon, HK Sanatorium Hospital, Canossa Hospital, Kwong Wah Hospital, Honk Kong, SAR, China

Vladyslav Buryk MD, PhD
Neurosurgeon, CyberKnife Neuro-Radiosurgery Expert, Stereotactic Radiosurgery Center, Sigulda, Latvia.

David Hung-Chi Pan MD, PhD
Professor of Surgery, Faculty of Medicine, Yang-Ming University; Chief, Gamma knife Radiosurgery Center, Neurological Institute, Taipei Medical University - Shuang Ho Hospital; Attending Neurosurgeon, Department of Neurosurgery, Taipei Medical University - Shuang Ho Hospital; Consultant, Department of Neurosurgery, Taipei Veterans General Hospital, Taipei, Taiwan

Professor Ying Tong
Director, Gamma Knife Center, the First Affiliated Hospital, Zhejiang University.

Professor Longsheng Pan
Department of Neurosurgery, General Hospital of PLA, Beijing, China

Dr. Jozsef Dobai
Neurosurgeon, Neurosurgery Clinic, Director of Radiosurgery Unit, Debrecen University, Debrecen, Hungary
Xiaomin Liu M.D., Ph.D.
Director, Gamma Knife Center, Department of Neurosurgery, Tianjin Huanhu Hospital, Nankai University.

Professor Enmin Wang
Associate Chief, Cyber Knife Center, Department of Neurosurgery, Huashan Hospital, Shanghai Medical College of Fudan University.

Professor Dong Liu
Director, Gamma Knife Center, Department of Neurosurgery, the 2nd Hospital of Tianjin Medical University.

Professor Shibin Sun
Gamma Knife Center, Beijing Tiantan Hospital, Beijing Neurosurgical Institute.

Irina Zubatkina Ph.D.
Senior Physicist of Radiosurgery Department of the Medical Institute named after Sergey Berezin, St. Petersburg, Russia.

Professor Hanfeng Wu,
Shanghai Gamma Knife Hospital.

Professor Hao Long
Department of Neurosurgery, Nanfang Hospital, Southern Medical University.

Professor Ke Tang
Department of Neurosurgery, The 309th Hospital of Chinese People's Liberation Army.
**Schedule**

ISRS Educational Course (joint with the Annual Meeting of Tianjin Association of Neurosurgeons) “SRS/SRT in Management of Brain Metastases, Intracranial Gliomas, Eye Pathology, and Head and Neck Cancers, Spine Radiosurgery”

**AUGUST 10, 2018 (Friday)**

Registration (Lobby)
Welcome Party (18.00~Ballroom III)

**AUGUST 11, 2018 (Saturday)**

Ballroom III

Opening Ceremony (08: 00-09: 00)

**Joint Scientific Program of the Annual Meeting of Tianjin Association of Neurosurgeons and ISRS Educational Course (09: 00-12: 00)**

09:20-09:40 Contemporary Management Options for Craniopharyngioma
Tomokatsu Hori (Tokyo, Japan)

10:00-10:20 Contemporary Management Options for High-Grade Intracranial Gliomas: Experience of MD Andersen Cancer Center
Ian McCutcheon (Houston, TX, USA)

11:00-11:20 Radiosurgery for Brain Metastases: Current Status and Future Perspectives
Li Pan (Shanghai, China)

11:20-11:40 Radiosurgery of Intracranial DAVF.
David Hung-Chi Pan (Taipei, Taiwan)

Shibin Sun (Beijing, China)

13:50-14:05 Non-negligible Issues of Gamma Knife Radiosurgery
A-li Liu (Beijing, China)

Lunch (12:00-13:30)

**Junior Ballroom**

Afternoon Program of the ISRS Educational Course (13: 30-18: 00)

**Session I (13:30 – 14:50): Management of Brain Metastases**

**Moderators:** Mikhail Chernov (Tokyo, Japan); Li Pan (Shanghai, China)

13:30-14:50 Management of Brain Metastases with Gamma Knife Icon™
CP Yu (Honk Kong, China)

13:50-14:10 Management of Brain Metastases with Rotating Gamma System Jozsef Dobai (Debrecen, Hungary)

14:10-14:30 Tailored Treatment Options for Patients with Brain Metastases by a Relocatable Frame System with Gamma Knife Radiosurgery Ying Tong (Zhejiang, China)

14:30-14:50 Discussion
Coffee Break (14: 50-15: 05)

**Session II (15:05-16:25): SRS/SRT in Management of Intracranial Gliomas**

**Moderators:** Ian McCutcheon (Houston, TX, USA); Desheng Xu (Tianjin, China)

15:05-15:25 Stereotactic High-dose Irradiation in the Treatment of Recurrent High-grade Gliomas Irina Zubatkina (St. Petersburg, Russia)

15:25-15:45 CyberKnife Radiosurgery of Intracranial Gliomas
EnMin Wang (Shanghai, China)
Session V (09:35-10:55): SRS/SRT for Head and Neck Cancers
Moderators: CP Yu (Honk Kong, China); Jinwei Zhang (Harbin, China)
09:35-09:55 Radiobiology of High-dose Irradiation in Cases of Head and Neck Malignancies
Anna Odložil í kov á (Brno, Czech Republic)
09:55-10:15 Radiosurgery of Skull Base Malignancies
Ian E McCutcheon (Houston, TX, USA)
10:15-10:35 SRS/SRT of Head and Neck Cancers
Vladislav Buryk (Sigulda, Latvia)
10:35-10:55 Discussion

Session VI (10:55-12:15): Imaging and Planning
Moderators: Irina Zubatkina (St. Petersburg, Russia); Junzhao Sun (Beijing, China)
10:55-11:15 Clinical Application of Multimodality Imaging in Radiosurgery
Longsheng Pan (Beijing, China)
11:15-11:35 Multimodal PET and MRI Segmentation in Gamma Knife Treatment Planning for Brain Metastases
Ke Tang (Beijing, China)
11:35-11:55 The Mathematical Side of Leksell GammaPlan
Hanfeng Wu (Shanghai, China)
11:55-12:15 Discussion

Closing Lecture (12:15-12:30): ISRS, Its Current Activities, and Future Projects
Mikhail Chernov (Tokyo, Japan)
Moderator: Closing Remarks / Certification (12:30-12:40)
Lunch (12:45-13:45)
14:30-16:00 Visiting Tianjin Medical University General Hospital.
Dinner (17:00–)