ISRS Educational Course

SRS/SRT IN MANAGEMENT OF CEREBRAL AVM, SPINAL PATHOLOGY, AND UROLOGIC CANCER

December 8-9, 2016
Novosibirsk
Dear Colleagues and Friends,

E.N. Meshalkin Siberian Federal Biomedical Research Center in association with the International Stereotactic Radiosurgery Society (ISRS) and Russian Society of Radiosurgery and Stereotactic Radiotherapy cordially invites you to take part in the Educational course “SRS/SRT in Management of Cerebral AVM, Spinal Pathology and Urologic Cancer” joint with the International Workshop “Minimally Invasive Urologic Surgery.”

The scientific program will highlight the current role of radiosurgery and stereotactic radiotherapy in management of cerebral arteriovenous malformations both in adult and pediatric patients, malignant tumors of the spine, cancer of prostate and kidney. It will be directed on professionals working in the various medical fields, including radiotherapy, radiosurgery, medical physics, oncology, neurosurgery, and urology. Well-known experts both from Russia and abroad will give an educational lectures and will participate in open discussions with the Course participants. Live demonstrations of endoscopic and robot-assisted urological surgeries are planned as well.

I am looking forward to meet you in Novosibirsk!

Alexander Zheravin, MD, PhD,
Head of Oncology and Radiotherapy Center,
E.N. Meshalkin Siberian Federal Biomedical Research Center
Confirmed Speakers of the ISRS Educational Course

Mikhail Felixovich Chernov
Assistant Professor: Doctor of Medical Sciences
Tokyo Women’s Medical University
Tokyo, Japan

Vladislav Buryk,
MD, neurosurgeon Stereotactic Radiosurgery Centre “Sigulda”
Riga, Latvia

Alexander Nevelsky,
PhD, senior medical physicist,
Rambam Medical Center Hospital & Health Care,
Haifa Area, Israel

Roberto Martinez-Alvarez
Head of the Department of Functional Neurosurgery and Radiosurgery
Ruber International Hospital
Madrid, Spain

Muhammed Abid Saleem
Consultant Neurosurgeon
Neuros spine and Cancer Care Institute
Karachi, Pakistan

Sergey Anikin,
PhD, neurosurgeon,
Medical Institute. C.M. Berezin,
St. Petersburg, Russia

Sergey Bayankin,
Head of Department of Physics and Dosimetry "Sverdlovsk Regional Cancer Dispensary",
Ekaterinburg, Russia
Nikolai Vorobyov  
Candidate of Medical Sciences  
Head of the Radiotherapy Department  
International Institute of the Biological Systems  
St. Petersburg, Russia

Tatyana Vorobyova,  
radiation oncologist  
Meshalkin Stereotactic Centre,  
Novosibirsk, Russia

Mikhail Galkin  
PhD  
Radiation oncologist  
Burdenko Neurosurgical Institute  
Moscow, Russia

Ella Kumirova  
MD, Head of department neurooncology  
Dmitry Rogachev Federal Research Center of Pediatric Hematology, Oncology and Immunology  
Moscow, Russia

Alexander Zheravin, MD, PhD,  
Head of Oncology and Radiotherapy Center,  
E.N. Meshalkin Siberian Federal Biomedical Research Center
DECEMBER 8, 2016 (THURSDAY)

Registration of Participants (8:00 – 8.45)
Greetings (8.45 – 9.00)
Course Director Alexander A. Zheravin (Novosibirsk, Russia)
Course Co-Director Mikhail Chernov (Tokyo, Japan)

Session I (9.00 – 10.20): Overview of SRS for Intracranial AVM
Moderators: Mikhail Chernov, Roberto Martinez-Alvarez, M. Abid Saleem

09:00–09:20 Everything You Always Wanted to Know about Radiosurgery of AVM (But Were Afraid to Ask)
Mikhail Chernov (Tokyo, Japan)

09:20–09:40 Radiosurgery of Intracranial AVM: Overview of Personal Experience
Roberto Martinez-Alvarez (Madrid, Spain)

09:40–10:00 Gamma Knife Radiosurgery for AVM in Pediatric and Adolescent Populations
M. Abid Saleem (Karachi, Pakistan)

10:00–10:20 Discussion
Coffee Break (10.20 – 10.40)

Session II (10.50 – 12.30): Management of Large Intracranial AVM
Moderators: Sergey Anikin, Mikhail Galkin, Roberto Martinez-Alvarez

10:50–11:10 Staged-volume Radiosurgery of Large AVM
Sergey Anikin (St. Petersburg, Russia)

11:10–11:30 Hypofractionation for Large Brain AVM
Mikhail Galkin (Moscow, Russia)

11:30–11:50 SRS combined with Embolization for Management of AVM
Roberto Martinez-Alvarez (Madrid, Spain)

11:50–12:30 Plenary Lecture: Modern Aspects of Pediatric Neuro-Oncology: Role of Radiosurgery and Stereotactic Radiotherapy in Management of CNS Tumors in Children
Ella Kumirova (Moscow, Russia)
Moderator: Alexander Zheravin

12:30–12:50 Discussion
Lunch (12.50 – 13.50)

14.00 – 15.30 Satellite Symposium of the BrainLab AG
### DECEMBER 9, 2016 (FRIDAY)

#### Session IV (9.00 – 10.20): SRS/SRT of Prostate Cancer
**Moderators:** Alexander Nevelsky, Tatyana Vorobyova, Nikolay Vorobyov

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<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
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<tr>
<td>09:00–09:20</td>
<td>Technological Aspects of Prostate SRT</td>
<td>Alexander Nevelsky (Haifa, Israel)</td>
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<td>09:20–09:40</td>
<td>SRT for Localized Prostate Cancer</td>
<td>Tatyana Vorobyova (Novosibirsk, Russia)</td>
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<td>09:40–10:00</td>
<td>SRS/SRT in Management of Prostate Cancer: Complications and their Avoidance</td>
<td>Nikolay Vorobyov (St. Petersburg, Russia)</td>
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<td>10:00–10:20</td>
<td>Discussion</td>
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Coffee Break (10.20 – 10.40)

#### Session V (10.40 – 12.00): SRS/SRT of Renal Cancer
**Moderators:** Nikolay Vorobyov, Vladislav Buryk, Mikhail Chernov

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<tr>
<td>10:40–11:00</td>
<td>SRS/SRT in Management of Single Kidney Cancer</td>
<td>Nikolay Vorobyov (St. Petersburg, Russia)</td>
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<td>11:00–11:20</td>
<td>SRS/SRT in Management of Renal Cancer with Oligometastases</td>
<td>Vladislav Buryk (Sigulda, Latvia)</td>
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<td>11:20–11:40</td>
<td>Intracranial Metastases of Renal Cancer and other Urological Malignancies: SRS as treatment method of choice!</td>
<td>Mikhail Chernov (Tokyo, Japan)</td>
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<td>11:40–12:00</td>
<td>Discussion</td>
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Closing Remarks (12.00 – 12.15)

*Course Director Alexander Zheravin (Novosibirsk, Russia)*
*Course Co-Director Mikhail Chernov (Tokyo, Japan)*

Lunch 12.30 – 13.30
DATA AND OFFICIAL VENUE

December 8-9, 2016

Conference hall 7th floor,
15 Rechkunovskaya street,
630055, Novosibirsk, Russian Federation

E.N. Meshalkin Siberian Federal
Biomedical Research Center,
Ministry of Health Care of Russian Federation

ORGANIZING COMMITTEE MEMBERS

Karina Belinskaya, k_belinskaja@meshalkin.ru,
+7 (903) 049-31-97

Tatyana Kuznetsova, tt_kuznetsova@meshalkin.ru

Anna Agureeva, a_agureeva@meshalkin.ru,
+7 (913) 010-85-67

Official workshop email:
isrssib2016@orgconf.ru

PRESS CENTER

Elena Voronova, ea_voronova@meshalkin.ru,
+7 (913) 706-99-22

Daria Semenyuta, d_semenjuta@meshalkin.ru,
+7 (953) 857-89-65

TECHNICAL ORGANIZER

LLC «Perspectiva»
Director: Andrey Kuznetsov, kuznetsov@torroo.ru,
+7 (913) 947-81-39