

**ISRS Educational Course “SRS/SRT in Management of Intracranial Metastases,
Parenchymal Brain Tumors, Genitourinary, Gynecological, and Abdominal
Cancers; Medical Physics and Imaging for Radiosurgery”
(December 18-20, 2023; Istanbul, Türkiye)**

Draft Program

December 18 (Monday)

Registration (8.00 – 8.45)

Greetings (8.45 – 9.00)

Session I (9.00 – 10.20): Management of Brain Metastases: Overview

Moderators: Assist. Prof. Mikhail Chernov (Tokyo, Japan), Prof. Dr. Selçuk Peker (Istanbul, Türkiye)

Intracranial Metastases of Solid Cancers: Overview

Speaker: Prof. Ian E. McCutcheon (Houston, TX, USA)

Current Role of WBRT in Management of Brain Metastases

Speaker: Prof. Dr. Gökhan Özyiğit (Ankara, Türkiye)

SRS/SRT of Brain Metastases: What We Have to Learn from Randomized Trials

Speaker: Prof. Dr. Ufuk Abacıoğlu (Istanbul, Türkiye)

Discussion

Plenary Lecture I (10.20 – 10.50): Radiobiological Basis of SRS for Brain

Metastases

Moderators: Prof. Dr. Yasemin Bölükbaşı (Istanbul, Türkiye); Prof. Dr. Fulya Ağaoğlu (Istanbul, Türkiye)

Speaker: Prof. Rupesh Kotecha (Miami, FL, USA)

Coffee Break (10.50 – 11.10)

Session II (11.10 – 12.30): SRS of Brain Metastases: Special Issues

Moderators: Prof. Dr. Hakan Emmez (Ankara, Türkiye); Dr. Pavel Ivanov (St. Petersburg, Russia)

Radiosurgical Options for Large Brain Metastases

Speaker: Prof. Dr. Selçuk Peker (Istanbul, Türkiye)

SRS of Critically Located Brain Metastases

Speaker: Prof. Dr. Koray Özduman (Istanbul, Türkiye)

SRS of Brain Metastases in Patients with Poor Performance Status

Speaker: Dr. Vladislav Buryk (Sigulda, Latvia)

Discussion

Group Photo / Lunch (12.30 – 13.30)

Satellite Symposium of ZAP Surgical (13.30 – 14.30)

Moderator: Prof. Dr. Gökhan Özyiğit (Radiation Oncologist at Hacettepe University Hospital; Ankara, Türkiye)

Technical Introduction to the Vault-Free, Cobalt-Free ZAP-X Gyroscopic Radiosurgery Platform

Speaker: David Miles (Director of Business Development, ZAP Surgical; London, United Kingdom)

ZAP-X Clinical Experience at the SNRC-Swiss Neuro Radiosurgery Center Zurich

Speaker: Dr. Andreas Mack (Medical Physicist, SNRC)

Coffee Break (14.30 – 14.50)

Session III (14.50 – 16.10): Management of Brain Metastases: Surgery + SRS

Moderators: Prof. Dr. Kadir Tufan (Adana, Türkiye); Dr. Eduardo Lovo (San Salvador, El Salvador)

Role of Surgery for Brain Metastases in the Era of Radiosurgery

Speaker: Prof. Dr. Hakan Emmez (Ankara, Türkiye)

Radiosurgery for Tumor Resection Cavity after Removal of Brain Metastases

Speaker: Prof. Dr. Banu Atalar (Istanbul, Türkiye)

Preoperative SRS before Resection of Large Brain Metastases

Speaker: Prof. Ian E. McCutcheon (Houston, TX, USA)

Discussion

Session IV (16.10 – 17.30): Management of Brain Metastases: SRS + Systemic therapy

Moderators: Prof. Dr. Nil Molinas Mandel (Istanbul, Türkiye); Prof. Clark C. Chen (Minneapolis, MN, USA)

SRS Combined with Immunotherapy

Speaker: Prof. Rupesh Kotecha (Miami, FL, USA)

SRS Combined with Molecular Targeted Therapy

Speaker: Prof. Dr. Yasemin Bölükbaşı (Istanbul, Türkiye)

SRS Combined with Chemotherapy

Speaker: Dr. Şahin Laçin (Istanbul, Türkiye)

Discussion

Plenary Lecture II (17.30 – 18.00): Diagnosis and Management of Recurrent Brain Metastases after SRS

Moderators: Prof. Dr. Meriç Şengöz (Istanbul, Türkiye); Prof. Rupesh Kotecha (Miami, FL, USA)

Speaker: Prof. Clark C. Chen (Minneapolis, MN, USA)

Closing Remarks on the First Day (18.00 – 18.05)

December 19 (Tuesday)

Registration (8.00 – 8.30)

Session V (8.30 – 9.50): SRS/SRT of Parenchymal Brain Tumors

Moderators: Prof. Dr. Yıldız Güney (Ankara, Türkiye); Prof. Ian E. McCutcheon (Houston, TX, USA)

SRS/SRT in Management of High-Grade Gliomas

Speaker: Prof. Dr. Sait Şirin (Ankara, Türkiye)

SRS/SRT in Management of Low-Grade Gliomas

Speaker: Assoc. Prof. Dr. Yavuz Samancı (Istanbul, Türkiye)

SRS/SRT in Management of Other Parenchymal Brain Tumors

Speaker: Dr. Eduardo Lovo (San Salvador, El Salvador)

Discussion

Plenary Lecture III (9.50 – 10.20): SRS/SRT for Parenchymal Brain Tumors in Pediatric Patients

Moderators: Prof. Dr. Banu Atalar (Istanbul, Türkiye); Prof. Rakesh Jalali (Chennai, India)

Speaker: Assoc. Prof. Manjul Tripathi (Chandigarh, India)

Discussion on Real Clinical Cases: Neurosurgical Indications (10.20-11.20)

Moderators: Prof. Dr. Sait Şirin (Ankara, Türkiye); Assoc. Prof. Manjul Tripathi (Chandigarh, India)

Speakers: Assoc. Prof. Yavuz Samancı (Istanbul, Türkiye); Assist. Prof. Kalavagunta Sruthi (Kochi, India); Dr. Eduardo Lovo (San Salvador, El Salvador); Dr. Pavel Ivanov (St. Petersburg, Russia)

Coffee Break (11.20 – 11.40)

Satellite Symposium of ELEKTA (11.40 – 12.40)

Moderator: Prof. Dr. Selçuk Peker (Neurosurgeon and Gamma Knife Radiosurgeon at Koç University School of Medicine; Istanbul, Türkiye)

What I Look to Achieve with Cranial SRS? Perspective of Neurosurgeon

Speaker: Assoc. Prof. Manjul Tripathi (Neurosurgeon and Gamma Knife Radiosurgeon at Post-Graduate Institute of Medical Education and Research (PGIMER); Chandigarh, India)

What I Look to Achieve with Cranial SRS? Perspective of Radiation Oncologist

Speaker: Dr. Patrick Hanssens (Radiation Oncologist at Gamma Knife Centrum Tilburg; Tilburg, the Netherlands)

Lunch (12.40 – 13.40)

Satellite Symposium of VARIAN (13.40 – 14.40)

Moderator: David James (Senior Marketing Manager Radiosurgery, Varian Medical Systems, Germany)

Feasibility and efficacy of HyperArc radiosurgery treatments

Speaker: Prof. Dr. Hale Başak Çağlar (Professor, Anadolu Medical Center, Department of Radiation Oncology)

Speaker: Nadir Küçük (Medical Physicist, Anadolu Medical Center, Department of Radiation Oncology)

Coffee Break (14.40 – 15.00)

Session VI (15.00 – 16.40): Imaging for Stereotactic Radiosurgery

Moderators: Prof. Dr. Koray Özdoğan (Istanbul, Türkiye); Prof. Arpad Kovacs (Debrecen, Hungary)

Imaging Protocols for Radiosurgery: Standard Options and Beyond

Speaker: Dr. Vladislav Buryk (Sigulda, Latvia)

Role of Functional and Metabolic MRI in Radiosurgery

Speaker: Dr. Yunus Emre Şentürk (Istanbul, Türkiye)

PET Imaging for Radiosurgery

Speaker: Dr. Pavel Ivanov (St. Petersburg, Russia)

Post-Radiosurgery Imaging

Speaker: Assoc. Prof. M. Serhat Aygün (Istanbul, Türkiye)

Discussion

Session VII (16.40 – 18.00): Medical Physics for Radiosurgery

Moderators: Thierry Gevaert (Brussels, Belgium), Assoc. Prof. Dr. Yücel Sağlam (Istanbul, Türkiye)

Radiobiology of High Doses: Modeling of SRT and SRS

Speaker: Orbay Askeroğlu (Istanbul, Türkiye)

Hypofractionation: Rationale and Advantages

Speaker: Mihaly Simon (Debrecen, Hungary)

SRS of Movable Targets

Speaker: Görkem Güngör (Istanbul, Türkiye)

Discussion

Closing Remarks on the Second Day (18.00 – 18.05)

December 20 (Wednesday)

Registration (8.00 – 8.30)

Session VIII (8.30 – 9.50): SRS/SRT for Abdominal Cancers

Moderators: Prof. Dr. Emre Balık (Istanbul, Türkiye); Dr. Māris Mežeckis (Sigulda, Latvia)

SRS/SRT of Pancreatic Cancers

Speaker: Prof. Dr. Enis Özyar (Istanbul, Türkiye)

SRS/SRT of Liver Tumors

Speaker: Prof. Dr. Uğur Selek (Istanbul, Türkiye)

Irradiation of Gastrointestinal Cancers

Speaker: Dr. Alexandr Pankratov (Balashikha, Russia)

Discussion

Plenary Lecture IV (9.50 – 10.20): Radiosurgery of Renal Cancer

Moderators: Prof. Dr. Enis Özyar (Istanbul, Türkiye); Prof. Dr. Rıza Çetingöz (Izmir, Türkiye)

Speaker: Prof. Arpad Kovacs (Debrecen, Hungary)

Plenary Lecture V (10.20 – 10.50): Irradiation of Gynecological Cancers

Moderators: Prof. Dr. Enis Özyar (Istanbul, Türkiye); Prof. Dr. Rıza Çetingöz (Izmir, Türkiye)

Speaker: Dr. Ferenc Lakosi (Kaposvár, Hungary)

Coffee Break (10.50 – 11.10)

Session IX (11.10 – 12.30): Radiosurgery of Prostate Cancer

Moderators: Prof. Dr. Yakup Kordan (Istanbul, Türkiye); Prof. Dr. Uğur Selek (Istanbul, Türkiye)

Radiosurgery of Prostate SRT: Technical and Technological Aspects

Speaker: Thierry Gevaert (Brussels, Belgium)

Radiosurgery of Primary and Recurrent Prostate Cancer: Results

Speaker: Dr. Ferenc Lakosi (Kaposvár, Hungary)

Radiosurgery of Prostate Cancer: Complications and their Avoidance

Speaker: Prof. Dr. Gökhan Özyiğit (Ankara, Türkiye)

Discussion

Plenary Lecture VI (12.30 – 13.00): International Study on Radiosurgery of Prostate Cancer: Interim Report of the ISRS Working Group on Prostate Radiosurgery

Moderators: Prof. Dr. Yakup Kordan (Istanbul, Türkiye); Prof. Dr. Uğur Selek (Istanbul, Türkiye)

Speaker: Dr. Māris Mežeckis (Sigulda, Latvia)

Lunch (13.00 – 14.00)

Discussion on Real Clinical Cases: Somatic Indications (14.00-15.00)

Moderators: Prof. Dr. Fulya Ağaoğlu (Istanbul, Türkiye); Dr. Ferenc Lakosi (Kaposvár, Hungary)

Speakers: Assist. Prof. Dr. Duygu Sezen (Istanbul, Türkiye); Assist. Prof. Kalavagunta Sruthi (Kochi, India); Dr. Māris Mežeckis (Sigulda, Latvia); Dr. Alexandr Pankratov (Balashikha, Russia)

Coffee Break (15.00 – 15.20)

Plenary Lecture VII (15.20 – 15.50): Physical and Biological Advantages of Proton and Heavy Ion Therapy

Moderators: Assist. Prof. Dr. Duygu Sezen (Istanbul, Türkiye); Prof. Dr. Ufuk Abacıoğlu (Istanbul, Türkiye)

Speaker: Kristaps Palskis (Meyrin, Switzerland)

Plenary Lecture VIII (15.50 – 16.20): Proton and Heavy Ion Therapy: Current Status and Future Perspectives of Clinical Applications

Moderators: Assist. Prof. Dr. Duygu Sezen (Istanbul, Türkiye); Prof. Dr. Ufuk Abacıoğlu (Istanbul, Türkiye)

Speaker: Prof. Rakesh Jalali (Chennai, India)

Plenary Lecture IX (16.20 – 16.50): Technologies for SRS and SRT: Comparison of Advantages and Limitations

Moderators: Assoc. Prof. Dr. Yavuz Samancı (Istanbul, Türkiye); Mihaly Simon (Debrecen, Hungary)

Speaker: Thierry Gevaert (Brussels, Belgium)

Closing Lecture (16.50 – 17.20): ISRS, Its Current Activities, and Future Projects

Moderators: Assist. Prof. Mikhail Chernov (Tokyo, Japan), Prof. Dr. Selçuk Peker (Istanbul, Türkiye)

Speaker: Thierry Gevaert (Brussels, Belgium)

Closing Remarks / Certification (17.20 – 17.30)