

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

**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. Marc Levivier (Lausanne, Switzerland)

**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. Marc Levivier (Lausanne, Switzerland)

**SRS of Critically Located Brain Metastases**

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

**SRS of Brain Metastases in Patients with Poor Performance Status**

**Speaker:** Assist. Prof. Mikhail Chernov (Tokyo, Japan)

**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 European Radiosurgery Center Munich**

**Speaker:** Dr. Alexander Muacevic (Neurosurgeon, Radiosurgeon, and Medical Director of the European Radiosurgery Center; Munich, Germany)

**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 Jose, Costa Rica)

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

**SRS/SRT in Management of Other Parenchymal Brain Tumors**

**Speaker:** Dr. Eduardo Lovo (San Jose, Costa Rica)

**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 Jose, Costa Rica); Assoc. Prof. Sonya G. Wang (Minneapolis, MN, USA)

**Coffee Break (11.20 – 11.40)**

**Sponsor's Satellite Symposium (11.40 – 12.40)**

**Lunch (12.40 – 13.40)**

**Sponsor's Satellite Symposium (13.40 – 14.40)**

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

**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. İlknur Bilkay Görken (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. İlknur Bilkay Görken (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)

**Sponsor's Satellite Symposium (15.00 – 16.00)**

**Coffee Break (16.00 – 16.20)**

**Plenary Lecture VII (16.20 – 16.50): 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 (16.50 – 17.20): Proton and Heavy Ion Therapy: Current Status and Future Perspectives of Clinical Applications**

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

**Speaker:** Prof. Rakesh Jalali (Chennai, India)

**Plenary Lecture IX (17.20 – 17.50): 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 (17.50 – 18.20): ISRS, Its Current Activities, and Future Projects**

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

**Speaker:** Prof. Marc Levivier (Lausanne, Switzerland)

**Closing Remarks / Certification (18.20 – 18.30)**