

RADIOSURGERY TREATMENT PLANNING AGENDA

FIRST DAY

- 13:00 - 14:00** **Welcome, company tour & introduction**
Featuring a comprehensive overview of Brainlab technologies and introducing Brainlab Elements for treatment planning standardization.
- 14:30 - 17:00** **Hands-on session**
Session covering the intricacies of Brainlab Elements for comprehensive Radiosurgery Preplanning.

SECOND DAY

- 09:00 - 12:00** **Invited clinical expert**
Presentation on the topic of correct linac-based prescriptions for typical radiosurgery indications.
- 12:00 - 13:00** **Software Demo**
Tissue Model and Treatment Planning with Multiple Brain Mets SRS
- 14:00 - 16:00** **Hands-on session**
Exploring the intricacies of Brainlab Elements for comprehensive multiple brain metastases radiosurgery planning.
- 16:00 - 16:30** **Software Demo**
Radio necrosis or recurrence? Explaining the background of Brainlabs decision making Element Contrast Clearance Analysis.
- 16:30 - 17:00** **Hands-on session**
Detailing the peculiarities of frame-based versus frameless treatment planning for arteriovenous malformation radiosurgery with Brainlab Elements Angio SRS.
- 19:00 - 21:00** **Social Dinner**

THIRD DAY

- 09:00 - 10:00** **Hands-on session**
Session with Brainlab's commissioning and patient specific quality assurance software applied to typical multiple brain metastases radiosurgery procedures.
- 10:00 - 13:00** **Hands-on session**
Covering the intricacies of a typical cranial radiosurgery treatment planning workflow for a vestibular schwannoma and meningioma case with Brainlab Elements.
- 14:00 - 16:00** **Invited medical physicist**
Contribution detailing Brainlab's beam measurement requirements, radiosurgery commissioning and quality assurance protocols.
- 16:00 - 17:00** **Q&A**
Session detailing the creation of machine profiles with Physics Administration.

RADIOSURGERY TREATMENT PLANNING AGENDA

LAST DAY

- 09:00 - 10:00** **Invited internal physicist**
Session featuring an overview of the foundation technologies and optimization algorithms underlying Brainlab Elements.
- 10:00 - 13:00** **Hands-on session**
Outlining and practicing the intricacies of Brainlab Elements for typical spine radiosurgery planning for a simultaneous integrated boost treatment.
- 14:00 - 14:30** **Software Demo**
Fibertracking for radiosurgery treatment planning.
- 14:30 - 16:00** **Hands-on session**
Cranial SRS planning with conical collimators.