

# Essential Course Radiosurgery Training Agenda



## TUESDAY

1:00 - 2:00 PM

### **Welcome, company tour & introduction**

Comprehensive overview featuring Brainlab technologies and introducing the Brainlab team and participants

2:30 - 5:00 PM

### **Hands-on session**

Session covering the intricacies of Brainlab Elements for comprehensive radiosurgery preplanning

## WEDNESDAY

9:00 AM - 12:00 PM

### **Invited clinical expert**

Presentation on the topic of correct linac-based prescriptions for typical radiosurgery indications

12:00 - 1:00 PM

### **Software demo**

Creation of the tissue model and treatment planning with Elements Multiple Brain Mets SRS

2:00 - 4:30 PM

### **Hands-on session**

Exploring the intricacies of Brainlab Elements for comprehensive multiple brain metastases radiosurgery planning

4:30 - 5:00 PM

### **Software demo**

Radionecrosis or recurrence? Explaining the background of the Brainlab decision-making tool, Elements Contrast Clearance Analysis

7:00 - 10:00 PM

### **Group dinner**



## THURSDAY

9:00 - 11:00 AM

### **Invited medical physicist**

Contribution detailing Brainlab beam measurement requirements, radiosurgery commissioning and quality assurance protocols

11:00 AM - 12:00 PM

### **Hands-on session**

Session with Brainlab commissioning and patient specific quality assurance software applied to typical multiple brain metastases radiosurgery procedures

12:00 - 1:00 PM

### **Q&A**

Session detailing the creation of machine profiles with Physics Administration

2:00 - 4:30 PM

### **Hands-on session**

Covering the intricacies of a typical radiosurgery treatment planning workflow for a vestibular schwannoma and meningioma case with Elements Cranial SRS

4:30 - 5:00 PM

### **Hands-on session**

Detailing the peculiarities of frame-based versus frameless treatment planning for arteriovenous malformations with the dedicated Cranial Vascular workflow

## FRIDAY

9:00 - 10:00 AM

### **Invited internal physicist**

Session featuring an overview of the foundation technologies and optimization algorithms underlying Brainlab Elements

10:00 AM - 1:00 PM

### **Hands-on session**

Outlining and practicing the intricacies of Brainlab Elements for typical spine radiosurgery planning for a simultaneous integrated boost treatment

2:00 - 2:30 PM

### **Software demo**

Elements Fibertracking for radiosurgery treatment planning

2:30 - 3:30 PM

### **Hands-on session**

Elements Cranial SRS planning with conical collimators

