

# Intracranial Fractionated Stereotactic Radiosurgery Education Course

## Course Program\*

January 11 – 25, 2021

### LIVE SESSION #1- Monday, January 11, 2021, 4 – 6 PM

- 4:00 – 4:05**    **Welcome**  
*Rebecca Wong MD*
- 4:05 – 4:20**    **Introductions**  
*All*
- 4:20 – 4:30**    **Review of course and systems**  
*Nicole Harnett*
- 4:30 – 4:55**    **The Clinical Problem**  
*Barbara Ann Millar MD*
- 4:55 – 5:15**    **Intent and Patient Selection**  
*Caroline Chung MD*
- 5:15 – 5:35**    **The Technological Landscape**  
*Catherine Coolens PhD*
- 5:35 – 5:45**    **Discussion**
- 5:45 – 6:00**    **Case Introduction**  
*Barbara Ann Millar MD*

### SELF DIRECTED LEARNING - January 12 - 24, 2021

- 1. Changes that Enable fSRS (video)**  
*Catherine Coolens PhD*
- 2. The Cyberknife Experience (video)**  
*Jonathan Greenspoon MD*
- 3. The Linac-based fSRS Experience (video)**  
*Caroline Chung MD*
- 4. The Radiobiology of SBRT (video)**  
*Marianne Koritzinsky PhD*
- 5. Margin Design (reading)**
- 6. Imaging Requirements for fSRS (video)**  
*Monique van Prooijen PhD*
- 7. Contouring for fSRS (independent exercise)**
- 8. Case preparation (independent exercise)**

\*Course Program is subject to change without notice.

## LIVE SESSION #2 - Monday, January 25, 2021, 10 AM – 5 PM

**10:00 – 10:30 Comments and review of offline learning**

*Barbara Ann Millar MD, Catherine Coolens PhD, Winnie Li MRT(T)*

**10:30 – 11:20 Patient preparation, immobilization, and simulation**

- **Gammaknife, Cyberknife, and Linac**

*Ivy Lee MRT(T), Messeret Tamerou MRT(T), Jonathan Greenspoon MD, Caroline Chung MD*

**11:20 – 11:30 Discussion**

**11:30 – 11:45 Break**

**11:45 – 12:45 Contouring for fSRS – Interactive Demonstration**

*Barbara Ann Millar MD, David Shultz MD, Jonathan Greenspoon MD, Catherine Coolens PhD, Winnie Li MRT(T)*

**12:45 – 1:30 Lunch**

**1:30 – 2:30 Treatment Planning Demonstration and Discussion**

*Catherine Coolens PhD, Winnie Li MRT(T), Barbara Ann Millar MD, Jonathan Greenspoon MD*

**2:30 – 2:50 Daily Treatment Workflow**

- Gammaknife, Cyberknife

*Winnie Li MRT(T), Jonathan Greenspoon MD*

**2:50 – 3:00 Discussion**

**3:00 – 3:15 Break**

**3:15 – 4:45 Case Discussion – from Decision to Treat to Follow Up**

*Barbara Ann Millar MD, Caroline Chung MD, David Shultz MD, Jonathan Greenspoon MD, Paul Kongkham MD, Catherine Coolens PhD, Winnie Li MRT(T)*

**4:45 – 5:00 Wrap Up and Evaluation**