

AGENDA

Special techniques: SRS/SBRT using CyberKnife and TBI/TSEI using a conventional LINAC

Day 1-Monday, April 29

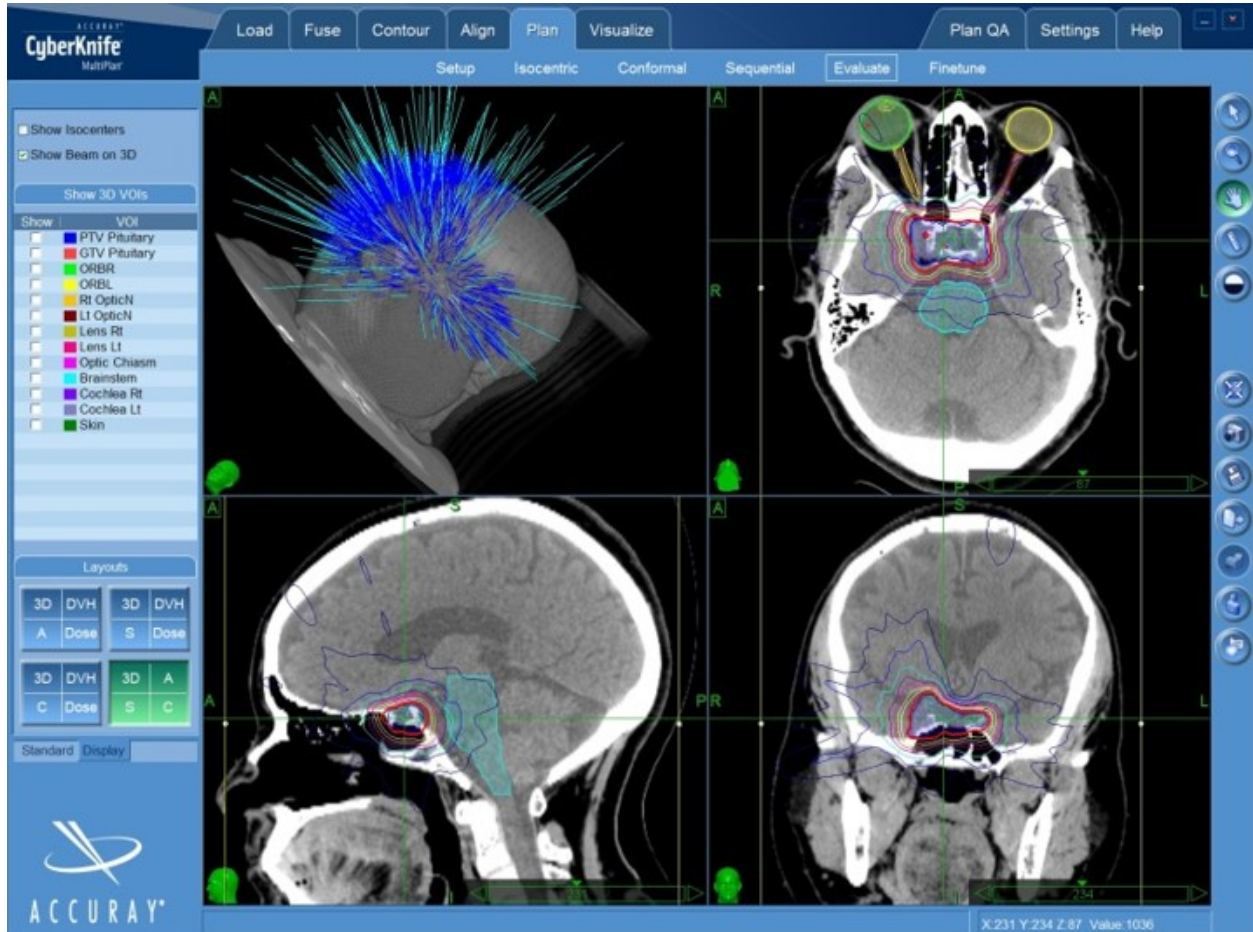
8:00 – 9:00	Breakfast & Sign In
9:00 – 9:10	Welcome, Robert Hunter PhD, Roxana Vlad PhD
9:10 – 10:00	Juravinski Hospital and Cancer Center experience with TBI and TSEI, Jonathan Sussman MD
10:00 – 10:50	TBI principles, commissioning and quality assurance, Janos Juhasz PhD
10:50-11:10	Break
11:10-12:00	TSEI principles, commissioning and quality assurance, Debra Gallinger MRT(T), Martin Shim PhD
12:00-12:50	Lunch
1:00-4:45	HANDS ON-this time will be spent in the mould room and in one of the bunkers dedicated to TBI and TSEI treatments <ul style="list-style-type: none">• Mould room: calculations & accessories, Janeen Schaeffer MRT(T)• TBI: patient setup and QA, Lisa Nie MSc , Janos Juhasz PhD• TSEI: patients setup and QA, Debra Gallinger MRT(T) and Lisa Nie MSc
4:45-5:00	End of the day /Evaluation

Day 2-Tuesday, April 30

8:00 – 8.50	Breakfast
9:00 – 9:40	Cyberknife-Morning QA, Lisa Nie, MSc
9:50 – 10:40	Cyberknife for treating cancer - the Radiation Oncologist perspective, Crystal Hann MD
10:40 – 11:00	Cyberknife Robotic Radiosurgery System -technical aspects, Tom Chow PhD
10:50-11:10	Break
11:10-12:00	SRS using Cyberknife, Tom Chow PhD
12:00-1:00	Lunch
1:00-1:50	SBRT using Cyberknife, Marcin Wierzbicki PhD
1:00-4:45	HANDS ON -this time will be spent in the room dedicated for Cyberknife planning and in the Cyberknife bunker <ul style="list-style-type: none">• Patient Setup and immobilization, Bill Edwards MRT(T)• Treatment delivery, Bill Edwards MRT(T), Marcin Wierzbicki PhD• Patient specific QA , Lisa Nie MSc, Martin Shim PhD• Target tracking demonstration Bill Edwards MRT(T), Tom Chow PhD• Treatment planning , Stephen Gauld CMD MRT(T) , Tom Chow PhD
4:45-5:00	End of the day /Evaluation

Photos

Radiosurgery (SRS, SBRT and CyberKnife)



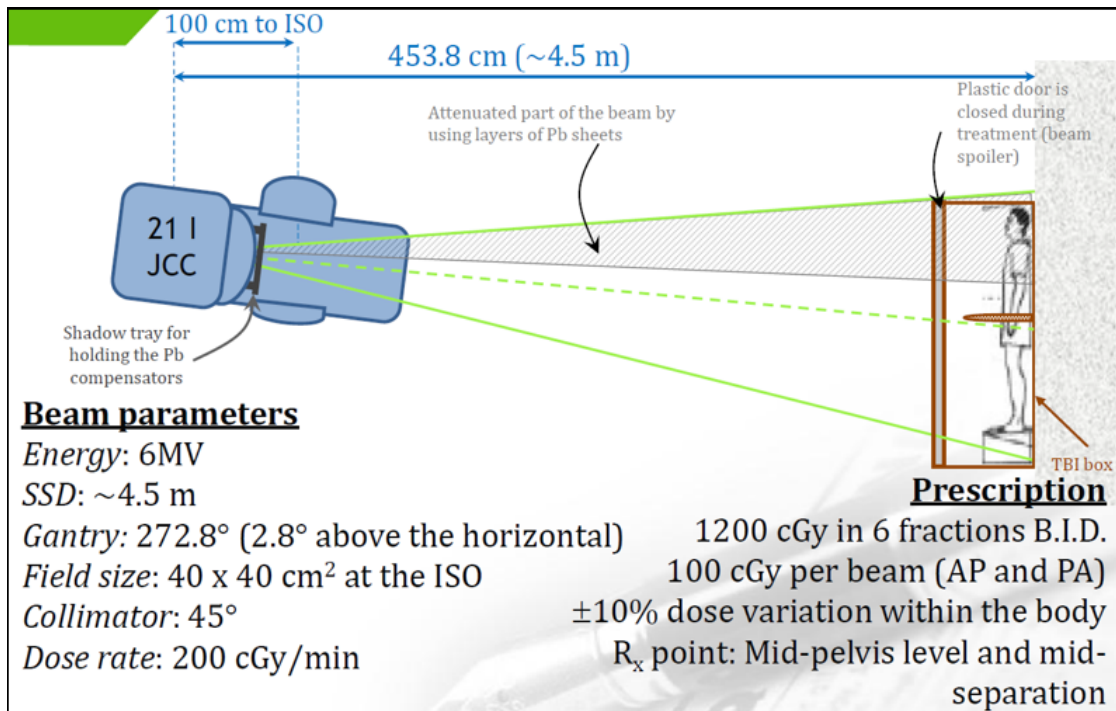
Stereotactic RadioSurgery (SRS) has become a standard of practice for certain CNS tumors and requires a precise technique to deliver an appropriate clinical treatment. Stereotactic Body Radiation Therapy (SBRT) is now used in lung, prostate, and a growing number of other cancers.

Total Skin Electron Irradiation (TSEI)



TSEI is used for treating superficial lesions covering large areas of the body such as mycosis fungoides and other cutaneous lymphomas.

Total Body Irradiation (TBI)



TBI is used as a part of the conditioning regimen for bone marrow transplantation for a variety of diseases such as leukemia, lymphoma, and multiple myeloma.