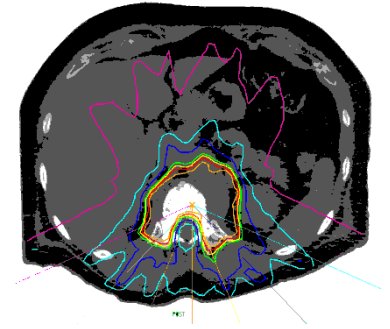


Spinal Radiosurgery / Radiotherapy Physics Symposium



Inter-institutional clinical studies have been proposed to investigate the efficacy and safety of high-dose, hypo or single fraction, image-guided radiotherapy of spinal and paraspinal disease. A workshop will be held at Memorial Sloan-Kettering Cancer Center on March 5 - 7 2009 to initiate such studies.

A Physics Symposium will be held to review the physics tasks necessary to support such an inter-institutional collaboration.

Time: Thursday March 5 from 1 pm to 5 pm

Place: Rockefeller Auditorium – Room RRL 120,
430 East 67th Street
New York NY 10065

CME Credit has been arranged

Program

1:00 pm Welcome: Michael Lovelock Ph.D. MSKCC

1:05 pm Keynote speaker: Josh Yamada M.D. MSKCC

Clinical programs

A presentation of the spine programs from each of the participating clinics: equipment used, dosimetric and geometric QA procedures, dose, fractionation and cord tolerances used, number of patients treated etc.

1:30 Almon Shiu Ph.D. MDACC

1:50 Richard Popple Ph.D. University of Alabama Birmingham

2:10 Toufik Djemil Ph.D. Cleveland Clinic

2:30 Stanley Benedict Ph.D. University of Virginia

2:50 Sonja Dieterich Ph.D. Stanford

3:10 Michael Lovelock Ph.D.

MSKCC

3:30 Break: coffee, tea, soda, cookies

Physics Studies and Plan of Action

There are a number physics challenges in the proposed collaboration. How these will be addressed, and some of the related research goals and plans of action will be discussed.

3:15 Spinal cord tolerance studies

Paul Medin Ph.D. (UT Southwestern)

3:35 Aggregation of dosimetric data and outcome analysis

Andrew Jackson Ph.D. (MSKCC)

3:55 Database plans

Djemil (Cleveland Clinic) / Lovelock (MSKCC)

4:05 Plan quality

Stanley Benedict (Virginia)

4:20 Dosimetric and Geometric accuracy, Possible phantoms studies

Shiu (MDACC) / Dieterich (Stanford)

5:00 Wrap up

Inquires: Michael Lovelock Ph.D.
Associate Attending Physicist
Memorial Sloan-Kettering Cancer Center
1275 York Avenue
New York NY 10065
Email : lovelocm@mskcc.org
Phone 212 639 6032