

Image Guided and Adaptive Radiation Therapy

October 9-13, 2007 • Sheraton Centre, Toronto, Ontario, Canada

CARO-COMP 2007

Canadian Association of Radiation Oncology • Canadian Organization of Medical Physicists

CARO-COMP 2007

REGISTRATION

PRE-CONFERENCE
EVENTS

AWARDS 2007

ANNUAL BUSINESS
MEETING

2007 SPONSORS

CARO
HOME

COMP
HOME

SATELLITE
SYMPOSIA

WORKSHOPS/
REFRESHER COURSES

SCIENTIFIC
PROGRAM

CARO and COMP
COMMITTEE MEETINGS

2007 EXHIBITORS

[MRI in Radiation
Oncology
Symposium Agenda](#)

[Canadian
Brachytherapy Group
Agenda](#)

MRI in Radiation Oncology Symposium

Magnetic Resonance Comes of Age in Radiation Oncology

Chairperson: Cynthia Ménard, M.D, Radiation Oncology, Toronto (Canada)

Cynthia.Menard@rmp.uhn.on.ca

Co-Chairs:

Masoom Haider, M.D., Radiology, Toronto (Canada)

David Jaffray, PhD, Radiation Physics, Toronto (Canada)

Brian Rutt, PhD, MRI Science, London (Canada)

Overview:

The goals of this inaugural conference are to develop an international and multi-disciplinary collaborative network for this emerging field, to review current standards of practice for MRI in radiotherapy, and to explore current and future opportunities in translational research. The program will touch on the latest advances in the application of MRI to radiation oncology, and will feature invited presentations by scientists from the fields of radiation oncology, radiology, and MRI physics, as well as from the pre-clinical field of molecular and cancer imaging. In addition to invited scientific presentations, the program will include educational lectures on MRI physics, and clinical focus workshops reviewing strategies to the judicious integration MRI in radiation oncology.

Educational Objectives:

1. Understand the evidence and rationale supporting the use of MRI in radiation oncology
2. Recognize the role of NMR methods in clinical trials and

molecular cancer imaging

3. Describe and compare strategies for the integration of MRI in radiotherapy
4. Gain a basic understanding of MRI physics

This workshop is designed for:

- Clinical investigators and clinicians in radiation oncology and radiology;
- Basic researchers in laboratories using in vivo MRS/MRI or other MR methods in cancer research, molecular imaging, at the level of faculty, post-doctoral fellows and graduate students;
- Medical Physicists in Radiation Medicine or MRI Science.

MRI in Radiation Oncology Symposium

Wednesday, October 10, 2007,

7:00am–5:30pm

Dominion South

| | |
|-----------------|--|
| 7:00–8:00 | Breakfast and Registration |
| 8:00–8:30 | Introduction and Overview Cynthia Ménard |
| 8:30–9:30 | Scientific Session 1 Planning for External Beam Radiotherapy Moderator: M van Vulpen |
| 9:30–9:50 | Break |
| 9:50–11:00 | Educational Seminar Basic MRI Physics for Clinicians Walter Kurcharczyk |
| 11:00– 12:00 | Scientific Session 2 MR Systems and Physics for Radiotherapy Moderator: B. Rutt |
| 12:00–1:15 | Lunch and Poster Viewing |
| 1:00–2:00 | Scientific Session 3 MRI-Guided Brachytherapy Moderator: Juanita Crook |

| | |
|-----------|---|
| 2:00–3:00 | Keynote Address MRI in Oncology: Opportunities for Translational Research Robert Gillies |
| 3:00–3:20 | Break |
| 3:20–4:30 | Scientific Session 4 Biology, Physiology & Response to Radiotherapy Moderator: Robert Gillies |
| 4:30–5:10 | Round Table Discussions Are we equipped to integrate and support MR technology in the RT setting? David Jaffray How do we foster collaboration with experts in MRI? Masoon Haider, B. Rutt Where will MRI have the biggest impact in radiotherapy outcomes? Cynthia Ménard What could the ideal MR image tell us about radiobiology? Mike Milosevic, Robert Gillies |
| 5:10–5:30 | Closing Remarks and Evaluation |
| 6:30 | Dinner (Industry Presentations - TBD) |

[to top](#)

Canadian Brachytherapy Group

Wednesday, October 10, 2007

7:00am – 12:15pm

Simcoe/Dufferin

Objectives:

- To learn about brachytherapy-related research taking place in Canada.
- To learn how to perform a HDR brachytherapy prostate implant.
To be challenged on the need for quality in current medical practice

7:00–8:00 Registration and Breakfast

8:00–8:05 Welcome Remarks

Jim Morris

8:05–9:45 Paper Session

9:45–10:00 Break

10:00–11:00 Prostate HDR Clinic - the Nuts and Bolts

11:00–12:00 Jean Roy Memorial Lecture
W.Rober Lee, Duke Univerisity Medical Center,
North Carolina

12:00–12:15 Closing Remarks

[to top](#)

©2007 caro-comp2007.com site design by metagrafix design