



5th North Carolina IMRT/IGRT Symposium: How Do You Do Lung/Liver SBRT?

Saturday, May 5, 2012

Durham Convention Center, Durham, NC

Organizing Committee

Fang-Fang Yin, PhD, Christopher Willett, MD
Duke University

Tarun Podder, PhD, Tithi Biswas, MD
East Carolina University

Sha Chang, PhD, Lawrence Marks, MD
University of North Carolina - Chapel Hill

J. Daniel Bourland, PhD, Al DeGuzman, PhD, William Blackstock, MD
Wake Forest University

Please visit website (<http://sites.duke.edu/nc5igrt>) for updates.

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UNIVERSITY
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East Carolina
UNIVERSITY

Welcome and Invitation Letter

Dear Radiation Oncology Professionals in NC,

On behalf of the steering committee, we would like to invite you to attend the 5th North Carolina IMRT/IGRT Symposium to be held on May 5, 2012 in Durham Convention Center.

The North Carolina IMRT/IGRT Symposium was initiated 5 years ago by four institutions: Duke University, East Carolina University, University of North Carolina at Chapel Hill, and Wake Forest University. The purpose of this symposium is to foster collaboration in the clinical development, the research, and the educational training of emerging IMRT/IGRT technologies in North Carolina radiation oncology community. Over the past 5 years, each of 4 major institutions has successfully hosted one symposium and each was well received within the radiation oncology community across North Carolina. Now this event has become an annual or biannual scientific meeting for NC radiation oncology professionals, including radiation oncologists, radiation physicists, dosimetrists, radiation therapists, oncology nurses, and oncology administrators.

This year, Duke University is honored to host the 5th NC IMRT/IGRT Symposium. To further enhance the understanding of this technology on clinical practice, this meeting will focus on lung/liver SBRT with a theme of **How do you do lung/liver SBRT?** The meeting format will include group presentations and discussions. The objectives of this symposium are:

1. Discuss current SBRT biology, clinical indications, and technologies
2. Describe clinical results and outcomes for lung/liver SBRT
3. Discuss the technical procedures for lung/liver SBRT
4. Identify safety and quality concerns related to performing lung/liver SBRT

CMEs will be provided for different professionals.

The symposium includes three invited talks (30-minute each) and four team presentation/expert panel sessions (70-80 minutes each). If you wish to participate as a team presentation, please submit a brief abstract to: Fang-Fang Yin (fangfang.yin@duke.edu). The deadline for receipt of any abstract is December 30, 2011. Expected abstract proposal should include:

- 1) Description of a clinical case, treatment procedures, as well as the number of similar cases performed in your institution;
- 2) Presenters (including name, title, affiliation, contact information).

The abstracts will be reviewed by the organization committee. It is anticipated that both academic and community practices will be weighed in the process of selection. We expect that the selection process will be completed by the end of January, 2012.

People from other states who are interested in this symposium are also invited to attend.

Durham Convention Center located in the heart of downtown Durham, the city of medicine. Area attractions include the Durham Performing Arts Center, American Tobacco, and Bulls Stadium. We look forward to your participation in this symposium. Optional “tours” of the new Duke Cancer Institute will be also available by appointment.

Please visit website (<http://sites.duke.edu/nc5igrt>) for updates.

Fang-Fang Yin, PhD and Christopher Willett, MD

Co-Chairs of the steering committee, the 5th NC IMRT/IGRT Symposium

Steering Committee

Fang-Fang Yin, PhD, Christopher Willett, MD – Rotating Chairs 2012, Duke University

Tarun Podder, PhD, Tithi Biswas, MD, East Carolina University

Sha Chang, PhD, Lawrence Marks, MD, University of North Carolina - Chapel Hill

J. Daniel Bourland, PhD, Al DeGuzman, PhD, William Blackstock, MD, Wake Forest University

Local Organization Committee

Fang-Fang Yin, PhD (Chair)

John Kirkpatrick, MD, PhD (Co-chair)

Jing Cai, PhD, Jim Chang, PhD (Physicists)

Christopher Kelsey, MD (Physician)

Kim Light, BS, CMD, Scott Green, MS, CMD (Dosimetrists)

Robyn Walker, RTT, Debra Georgas, RTT, Vicki Burnett, RTT (Therapists)

Martha Polovich PhD RN AOCN, Felix Militante (Nurses)

Program coordinator: Carolyn Crank (carolyn.crank@dm.duke.edu)

Call for Proposals

You are invited to submit an abstract for the symposium in the form of poster presentation or panel presentation. Please send the abstract in Word or PDF format to Fang-Fang Yin (fangfang.yin@duke.edu) and Jing Cai (jing.cai@duke.edu). A confirmation letter will be sent to you once we receive the abstract. All abstracts will be reviewed and selected by the organization committee.

Poster Presentation

Poster abstract should include:

- 1) 200~300 words describing clinical/scientific findings in any aspects of IMRT/IGRT
- 2) Authors (including name, affiliation, contact information)

Panel Presentation

Deadline for panel abstract submission: Dec 30, 2011

Review completion date: Jan 30, 2012

Abstract should include:

- 1) 200~300 words of abstract describing the case and treatment procedures as well as the number of cases performed
- 2) Presenters (including name, title, affiliation, contact information)

Objectives

At the conclusion of this activity, participants should be able to:

1. Discuss current SBRT biology, clinical indications, and technologies
2. Describe clinical results and outcomes for lung/liver SBRT
3. Discuss the technical procedures for lung/liver SBRT
4. Identify safety and quality concerns related to performing lung/liver SBRT

Meeting Format

1. Three invited talk sessions (30-minute each). Speakers will be invited by organization committee.
2. Four team presentation/expert panel sessions (70-80 minutes each). Team presentations will be selected by the organization committee from the submitted proposal. The expert panels will be invited by the organization committee.

Responsibilities for each team presentation: Each team should include at least three members' from following professionals, physician, physicist, therapist, dosimetrist and nurse. Brief literature review about the state of the art for the treatment is encouraged. Each team should also discuss a specific case with the following aspects:

1. Case selection
2. Immobilization
3. Simulation/imaging
4. Planning/techniques
5. Localization
6. Motion management
7. Quality assurance
8. Verification
9. Delivery
10. Assessment

Responsibilities for each expert panel: Each panel should include:

1. Evidence-based short presentation
2. Discussions/comments procedures of presenters
3. Facilitate questions from audiences

Location



DURHAM CONVENTION CENTER (ALL 4 SECTIONS OF BALLROOM: 101-104)
([HTTP://WWW.DURHAM-NC.COM/PLANNERS/MEETINGS_EVENTS/CONVENTIONCENTER.HTML](http://www.durham-nc.com/planners/meetings_events/conventioncenter.html))

A BLOCK OF ROOMS ARE AVAILABLE IN MARRIOTT WITH DISCOUNTED RATE

PARKING IS AVAILABLE IN THE CONFERENCE CENTER GARAGE AND WILL BE PAID BY THE ORGANIZER

Targeted Audiences

Radiation Oncologists
Medical Physicists
Medical Dosimetrists
Radiation Therapists

Oncology Nurses
Administrators
Other radiation oncology professionals

Accreditation

Duke CME - Physicians
CAMPEP – Physicists
ASRT – Therapist
MDCB – Dosimetrist
CE - Nurses

* Pending Credits from Organizations

* Duke CME - Sponsored by the Duke University School of Medicine

This activity has been approved for AMA PRA Category 1 credit.[™]

* This activity has been submitted to the Oncology Nursing Society for approval to award contact hours. ONS is accredited as an approver of continuing nursing education by the American Nurses Credentialing Center's COA.

Accreditation - The Duke University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Credit Designation

The Duke University School of Medicine designates this live activity for a maximum of 6.75 *AMA PRA Category 1 Credit(s)*[™]. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Disclosure - The Duke University School of Medicine adheres to ACCME Essential Areas, Standards, and Policies regarding industry support of continuing medical education. Disclosure of the planning committee and faculty's commercial relationships will be made known at the activity. Speakers are required to openly disclose any limitations of data and/or any discussion of any off-label, experimental, or investigational uses of drugs or devices in their presentations.

Resolution of Conflicts of Interest - In accordance with the ACCME Standards for Commercial Support of CME, the Duke University School of Medicine will implement mechanisms, prior to the planning and implementation of this CME activity, to identify and resolve conflicts of interest for all individuals in a position to control content of this CME activity.

Disclaimer- The information provided at this CME activity is for continuing education purposes only and is not meant to substitute for the independent medical judgment of a healthcare provider relative to diagnostic and treatment options of a specific patient's medical condition.

Commercial Support

Levels of Support:

\$15,000 and above Platinum Support

\$7,500-\$10,000 Gold Support

\$5,000-\$7,500 Silver Support

\$2,500-\$5,000 Bronze Support

\$1,000-\$2,500 General Support

Nice exhibition space (44'x80') is available and dimension for each sponsor is dependent on the level of sponsor

Commercial Support /Registration for Commercial Support - Please contact: Carolyn F. Crank (Email: carolyn.crank@duke.edu or telephone: 919-660-2180)

Please make checks payable to: **Duke University**

Mail to: Carolyn F. Crank or Dr. Fang-Fang Yin
Department of Radiation Oncology - Physics
Box 3295 DUMC
Durham, NC 27710

North Carolina IMRT/IGRT Symposium, May 5, 2012
Registration Form

Registration fee - Circle:

MD - \$100.00

MD Residents - \$50.00

Physicists - \$50.00

Therapists, Nurses and Dosimetrists - \$25.00

Students/Post Docs – Free

Last Name: _____ First Name: _____

Position: _____

Clinic/Institution/Company: _____

Department: _____

City: _____ State: _____ Zip Code: _____

Work/Cell Phone(s): _____

Fax: _____ E-mail: _____

Credit Card Payments: Duke Conference Center – Online payment
<http://events.duke.edu/NCIMRT-IGRT>

Check Payments: Checks Payable: Duke University

Mail to::

Duke University
NC IMRT/IGRT Symposium
Radiation Oncology—Physics
Box 90841, Durham, NC 27708

e-mail inquiries to carolyn.crank@dm.duke.edu

Phone inquiries to Ms. Carolyn Crank: Phone (919) 660-2180, Fax (919) 681-7183

Meeting Program

7:15 am – 7:55 am Continental breakfast

8:00 am -- 8:10 am Welcome and introduction

Moderator: Fang-Fang Yin

Opening remarks: Christopher Willett

8:10 am -- 8:40 am Session one: SBRT – Clinical indications

Lawrence Marks

8:40 am -- 9:15 am Session two: How we do lung SBRT - I

Kyle Rusthoven (krusthoven@nhroc.com) Coastal Carolina Team

9:15 am – 9:50 am Discussion and Expert panel for lung SBRT - 1

Jing Cai, David Morris, David Yoo, Lily Tang

9:50 am -- 10:10 am Break (cookies, fruits, drinks, etc. with vendors)

10:10 am - 10:20 am: Life-time achievement recognition award

Moderator: Christopher Willett

Presentation of award: Joel Tepper

10:20 am -- 10:50 am Session three: SBRT – Biology considerations

John Kirkpatrick

10:50 am -- 11:25 am Session four: How we do lung SBRT - II

Kevin Roof et al (kroof@sero.net) SERO team

11:25 am – 12:00 noon Discussion and Expert panel for lung SBRT - II

Akilles Fakaris, Dan Bourland, Joseph Salama, Stan Benedick

12:00 noon –1:00 pm Lunch break (box lunch)

Poster viewing and vendor interaction

Poster coordinators: Jing Cai/Scott Green

Poster award judges: John Kirkpatrick-Chair, Jim Chang/Kim Light, Tarun Podder/Tithi Biswas, Dan Bourland/AI DeGuzman/Williams Blackstock, Lawrence Marks/Sha Chang) – 3 awards (each with a certificate and cash award)

1:00 pm -- 1:30 pm Session five: SBRT – Technology development

Fang-Fang Yin

1:30 pm – 2:00 pm Session six: How we do liver SBRT - I

James Urbanic (jurbanic@wakehealth.edu), William Hinson, Alton Fleming, Deborah Clodfelter

2:00 pm -- 2:35 pm Discussion and Expert panel for liver SBRT - I

Brian Czito, Al DeGuzman, Tithi Biswas, Jim Chang

2:35 pm – 2:55 pm Break (cookies, fruits, drinks, etc. with vendors)

2:55 pm – 3:30 pm Session seven: How we do liver SBRT - II

Joel Tepper (tepper@med.unc.edu), Eric Schreiber, Nadia Stinson

3:30 pm -- 4:05 pm Discussion and Expert panel for session seven

Williams Blackstock, Zhiheng Wang, Tarun Podder, Tracy Gosselin, Christopher Willett

4:05 - 4:20 pm Award and Closing Remarks

Moderator: Fang-Fang Yin

Poster award: John Kirkpatrick

Next symposium host recognition: Tarun Podder/Tithi Biswas (ECU)

Closing Remarks: Christopher Willett

4:20 - 7:00 pm Optional Tour and Reception

Optional tour and reception to new Duke Cancer Institute radiation oncology facility

Bus will be arranged

Tour coordinators: Robyn Walker/Debra Georgas