CONTINUING MEDICAL EDUCATION

2016 Pacific Northwest Annual Workshop on Methods in Radiation Oncology Clinical Trials

MAY 5–7, 2016
Collaborative Life Sciences Building
Portland, Ore.
TARGET AUDIENCE
Radiation oncology physicians, residents, fellows and junior faculty

OBJECTIVES
Following this CME course, participants should be able to demonstrate the following:

- An ability to define primary and secondary trial aims and appropriate endpoints to measure in radiotherapy clinical trials.
- An ability to define Phase 0, I, II, III, and other clinical trial designs for radiotherapy clinical trials.
- An understanding of the basic clinical trial biostatistics.
- Knowledge of the best practices for image guidance-driven clinical trials.
- An understanding of how to incorporate immune-based endpoints in radiotherapy clinical trial design.
- An understanding of how to incorporate QOLife endpoints in radiotherapy clinical trial design.
- An understanding of the role of clinical informatics in radiotherapy clinical trial design.
- Knowledge of best practices in particle therapy-based clinical trial design.
Faculty

COURSE DIRECTORS
Charles R. Thomas Jr., M.D.
Professor and Chair
Department of Radiation Medicine
OHSU Knight Cancer Institute
Ramesh Rengan, M.D., Ph.D.
Course Co-Director
Medical Director
Seattle Cancer Care Alliance Proton Therapy
Mohamed Khan, M.D., Ph.D.
Course Co-Director
Division Chief
Banner MD Anderson Cancer Service Line

OHSU FACULTY
Sophia Bornstein, M.D., Ph.D.
Physician-Scientist
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OHSU Knight Cancer Institute
Alex Guimaraes, M.D., Ph.D.
Associate Professor and Section Head
Abdominal Imaging Diagnostic Radiology
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Arthur Y. Hung, M.D.
Assistant Professor
Medical Student Clerkship Medicine Director
Department of Radiation Medicine
OHSU Knight Cancer Institute
Jerry Jaboin, M.D., Ph.D.
Assistant Professor
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OHSU Knight Cancer Institute
Elena Korngold, M.D.
Associate Professor
Department of Diagnostic Radiology
OHSU
John Minger
Senior Research Assistant
Department of Radiation Medicine
OHSU Knight Cancer Institute
Timur Mitin, M.D., Ph.D.
Assistant Professor
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OHSU Knight Cancer Institute
Medical Director
Tuality/OHSU Cancer Center

VISITING FACULTY
Marka Crittiden, M.D., Ph.D.
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The Oregon Clinic
Clifton David Fuller, M.D., Ph.D.
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The University of Texas MD Anderson Cancer Center
Michael Gough, Ph.D.
Scientist
Earle A. Chiles Research Institute
Lilie L. Lin, M.D.
Assistant Professor
Department of Radiation Oncology
Hospital of the University of Pennsylvania
James Moon, M.S.
Biostatistician
Fred Hutchinson Cancer Research Center
Javier F. Torres-Roca, M.D.
Associate Member
Research and Clinical Trials
Moffitt Cancer Center
Andrew Trister, M.D., Ph.D.
Postdoctoral Fellow
Sage Bionetworks
Resident Physician
Kristina Young, M.D., Ph.D.
Department of Radiation Oncology
The Oregon Clinic
HOW TO ENROLL

Tuition: $400 Practicing physicians
$350 Residents/fellows

Payment can be made by Visa, MasterCard or check.

Register online at www.ohsuknightcancer.com/radcme

Advanced registration closes April 26, 2016.

GENERAL CONTACT INFORMATION

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For registration questions, please contact:
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DIRECTIONS
www.ohsu.edu/directions

CONFERENCE LOCATION

The course will be held in the Collaborative Life Sciences Building, located in Portland’s South Waterfront district, a short tram ride to the main OHSU campus on Marquam Hill.

Collaborative Life Sciences Building, 2370 S.W. Moody Ave. Portland, OR 97239

OHSU KNIGHT CANCER INSTITUTE

With the latest treatments, technologies and clinical trials, we are the only clinical cancer center in Oregon designated by the National Cancer Institute — an honor earned only by the nation’s top cancer centers.

ACCOMMODATIONS

Participants may stay in the Residence Inn Riverplace in Downtown Portland, located near Tom McCall Waterfront Park and within walking distance to Portland’s city center. The Inn provides spacious suites with all the comforts of home and a complimentary hot breakfast buffet. Guests can enjoy walking along the Willamette River, taking the Portland Streetcar to visit many downtown Portland attractions or viewing the city via the Portland Aerial Tram. The hotel is just minutes from OHSU and the Collaborative Life Sciences Building.

To make your reservation, please call 503 552-9500.
THURSDAY, MAY 5

6:30 p.m.  Registration
7-8 p.m.  Welcome Reception, h’ordeuvres, and course overview.
Residence Inn Marriott Fremont Room
Charles Thomas, M.D.
Ramesh Rengan, M.D., Ph.D.
Mohamed Khan, M.D., Ph.D.

FRIDAY, MAY 6

7 a.m.  Registration/continental breakfast
8 a.m.  Responsibilities of the PI
Charles R. Thomas, M.D.
8:20 a.m.  Primer on Biostatistics for Clinical Trials
James Moon, M.S.
9 a.m.  Phase I-II Radiotherapy-based Clinical Trials:
Design and Endpoints
Ramesh Rengan, M.D., Ph.D.
9:45 a.m.  Image-guided Radiotherapy Clinical Trial Design
Dave Fuller, M.D., Ph.D.
10:20 a.m.  Coffee break and poster review of clinical trials
11 a.m.  Imaging Endpoints in Clinical Trials:
RESIST, PERSIST and Beyond
Elena Korngold, M.D.
11:30 a.m.  Design of Parallel Pathology and Imaging Endpoints
in Radiotherapy-based Clinical Trials
Kristina Young, M.D., Ph.D.
Noon  Lunch
1 p.m.  Discussion of concept sheets
Open discussion, participants will present (5min) a concept
2:10 p.m.  Incorporation of Novel Translational Research Endpoints
in Clinical Trials
Mohamed Khan, M.D., Ph.D.
2:35 p.m.  Immune-Based Endpoints in Radiotherapy-based Clinical Trials
Marka Crittiden, M.D., Ph.D.; Michael Gough, Ph.D.
3:10 p.m.  Normal Tissue Considerations in Design of Radiotherapy
Trial Design
Charles Thomas, M.D.
3:45 p.m.  Radiosensitivity and Radioresistance Prediction Tools in Trials
Javier Torres-Roca, M.D.
4:30 p.m.  Panel discussion
5:30 p.m.  Adjourn
SATURDAY, MAY 7

7:45 a.m.  Continental breakfast

8:25 a.m.  Clinical Informatics in Radiotherapy Trial Design
Dave Fuller, M.D., Ph.D.

9:05 a.m.  Particle Therapy-Based Clinical Trial Design
Ramesh Rengan, M.D., Ph.D.

9:45 a.m.  QOLife Endpoints in Clinical Trial Design
Lilie Lin, M.D.

10:25 a.m.  Mathematical Modeling in Design of Radiotherapy
Time-Dose-Fractionation
Andrew Trister, M.D., Ph.D.

11:05 a.m.  Role of the Research Associate in Radiotherapy Clinical Trials
John Minger

11:30 a.m.  Lunch

12:30 p.m.  Clinical Trial Design breakout sessions (disease oriented)

Session 1  GU Radiotherapy
Timur Mitin, M.D., Ph.D.

Session 2  GI Radiotherapy
Charles Thomas, M.D.

Session 3  Soft Tissue and Bone Tumor
Arthur Hung, M.D.

Session 4  Lung Radiotherapy
Ramesh Rengan, M.D., Ph.D.

Session 5  Head and Neck
Dave Fuller, M.D., Ph.D.

Session 6  Palliative Radiotherapy
Sophia Bornstein, M.D., Ph.D.

Session 7  CNS Radiotherapy
Jerry Jaboin, M.D.

Session 8  “TBD” as needed

1:30 p.m.  Panel discussion

2 p.m.  Post-session test and adjourn

Airport shuttles