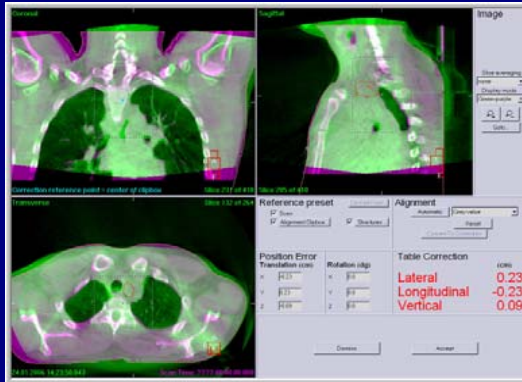


# VMAT and IGRT: Practical Implementation into the Clinic



## COURSE CHAIRS

Vivek K. Mehta, M.D.  
Tony P.Y. Wong, Ph.D.

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MEDICAL STUDIES

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## Course Description

This is a one and a half day Course for Radiation Oncologists, Medical Physicists, Dosimetrists, and Nurses interested in Image-Guided Radiation Therapy (IGRT). The program will include such topics as defining the target volumes; clinical implementation; billing issues; quality assurance; various tumor applications: thoracic, head and neck, prostate, abdominal, and breast; hypofractionated stereotactic radiotherapy protocols; and patient education. In addition to the didactic sessions, the course will include a demonstration in real time of the CBCT technology. Each participant will receive a detailed manual which will provide additional information for each member of your team and a CD of the PowerPoint slide presentations.

## Course Objectives

Upon completion of this Course participants will be able to address target volumes for IGRT; billing, coding and reimbursement issues; practical aspects of setting up an image-guided radiotherapy program; the role of IGRT in the treatment of various tumor types; and research results.

## Accommodations

Sorrento Hotel 900 Madison Street, Seattle, WA 98104 800-426-1265, 206-622-6400, or [reservations@hotelsorrento.com](mailto:reservations@hotelsorrento.com). Ask for the Seattle Prostate Institute rate. Reservations must be made at least two weeks prior to the Course to ensure the discounted rate.

## FACULTY

### Clinical Faculty

**Vivek K. Mehta, M.D.**

**Maya Abboud, R.N., B.S.N.**

**Todd A. Barnett, M.D.**

**Robert M. Douglas, M.D.**

**Daniel M. Landis, M.D., Ph.D.**

**Astrid D. Morris, M.D., M.S.**

**Brian Lee, M.D., Ph.D.**

**Robert Takamiya, M.D.**

**Stephen Eulau, M.D.**

### Physics Faculty

**Tony P. Y. Wong, Ph.D., D.A.B.R.**

**Daliang Cao, Ph.D.**

**Jin-Song Ye, M.S., D.A.B.R.**

**David Shepard, Ph.D., D.A.B.R.**

### Administrative Faculty

**James R. Dingels, MBA, MPH, CPA**

### Planning Committee

**Stephen Eulau, M.D.**

**Vivek Mehta, M.D.**

**Robert Takamiya, M.D.**

**Dawn M. Scott, Course Coordinator**

**Stanley Golanty, M.D., CME Advisor, IMS**

(Not all faculty available at every Course)

## 2010 COURSE DATES

**April 19-20**

**May 24-25**

**August 2-3**

**November 8-9**

## COURSE SCHEDULE

### *Day One 7:30 am – 6:00 pm*

- Workflow Considerations for the Clinic
- Technical Aspects of IGRT Linear Accelerator with CBCT
- Physics, Commissioning, and Quality Assurance of Cone Beam CT
- Defining Target Volumes for IMRT and IGRT
- IGRT Therapist Education and Training
- Utilizing Active Breathing Coordinator
- IGRT in Thoracic Malignancies
- IGRT in Prostate Cancer
- IGRT in Head and Neck Cancer
- Body Stereotactic Radiosurgery
- Introduction to VMAT: Volumetric Modulated Arc Therapy
- Treatment Planning and Delivery of VMAT
- VMAT Clinical Utility

### *Day Two 7:00 am – 12:00 noon*

- Live CBCT Patient Demonstration
- IGRT for Different Sites: Rationale and Experience
- Adaptive Radiotherapy
- Coding/Billing Reimbursement for IGRT
- Patient Education Materials
- Future of Radiotherapy (IMRT, IGRT, IMAT)

**Accreditation:** This CME activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint sponsorship of The Institute for Medical Studies (IMS) and Seattle Prostate Institute. IMS is accredited by the ACCME to provide continuing medical education for physicians.

**Credits:** IMS designates this educational activity for a maximum of **12 AMA PRA Category 1 Credits™**. Physicians should only claim credit commensurate with the extent of their participation in the activity.

**CME Information Confidentiality:** In connection with your participation in this Continuing Medical Education program, you may receive patient information that is considered confidential. Confidential patient information includes any and all information that could be used to identify the individual patient. By participating in this CME program, you agree to maintain the confidentiality of all patient information and not release that information to any third party.

## REGISTRATION

### **VMAT and IGRT: Practical Implementation into the Clinic**

**To register, please fax or e-mail your completed registration form to:**

Education and Training  
Attn. Dana Johnson  
4775 Peachtree Industrial Boulevard  
Building 300, Suite 300  
Norcross, GA 30092  
Phone: 770-670-2677 Fax: 770-448-6338  
dana.johnson@elekta.com  
www.elekta.com/igrtcourse  
*Contact Dana for registration and fee information.*

Course Dates Requested    1st    2nd    3rd

Name [first, middle initial, last, degree(s)]

Specialty

Institution/Affiliation

Department

Street Address

City, State, Zip Code, Country

Phone

Fax

E-Mail