

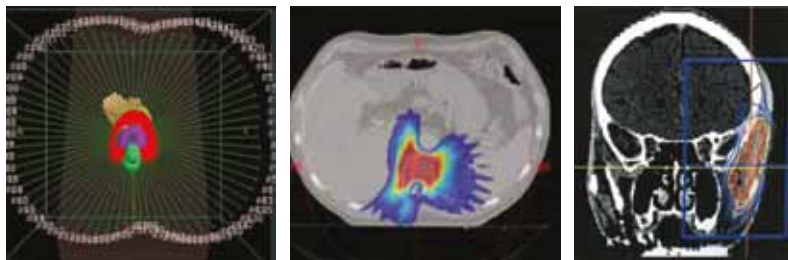
# radiation oncology



## STEREOTACTIC BODY RADIATION THERAPY SYMPOSIUM

*Radiation Therapy Centre  
National University Hospital  
5 Lower Kent Ridge Road*

# 2010



**20-23 June 2010**

*Co-sponsored by  
College of Radiologists, Singapore  
Chapter of Radiation Oncologists  
&  
Singapore Radiological Society*

### ***The NCIS Mission***

***To be one of the world's leading comprehensive cancer centre,  
dedicated to the prevention, management, and cure of cancer***

# NCIS STEREOTACTIC BODY RADIATION THERAPY (SBRT) SYMPOSIUM

## Course Description

The primary focus of the NCIS SBRT Symposium is to provide knowledge about the proper implementation of an effective SBRT treatment practice. The symposium will cover various issues related to the clinical practice of SBRT (e.g. SBRT of spine, lung, liver, pancreas) and update the attendees with the latest technical advancements in image guidance, immobilisation and breathing control, quality assurance, and high-dose delivery techniques.

The lectures will be provided by a panel of experienced radiation oncologists and medical physicists from United States and Asia.

Please mark your calendar for this exciting event!

## Who Should Attend

Radiation oncologists, medical physicists, medical dosimetrists, radiation therapists, and hospital administrators interested in implementing SBRT into clinical practice.

## Course Objectives

Upon completion of this symposium, participants should be able to:

1. Understand the basic requirements for establishing SBRT as part of a comprehensive cancer treatment service
2. Understand the clinical indications for SBRT in both definitive or palliative treatments for the covered diseases
3. Be familiar with commonly practiced protocols of SBRT and able to present treatment delivery options
4. Recognise the toxicity associated with SBRT
5. Optimise and integrate SBRT with other cancer treatment modalities

## Education Panel

### Simon S. Lo, M.D.

Associate Professor of Radiation Oncology and Neurosurgery  
Arthur G. James Cancer Hospital  
Ohio State University Medical Center

### Tony Wong, Ph.D.

Lead Physicist  
Department of Radiation Oncology  
Swedish Cancer Institute

### Carnell J. Hampton, Ph.D., D.A.B.R.

Assistant Professor and Medical Physicist  
Department of Radiation Oncology  
Wake Forest University Baptist Medical Center

### Junxin Wu, M.D.

Professor and Chairman  
Department of Radiation Oncology  
Fujian Provincial Tumor Hospital

## Organiser and Accreditation

The NCIS SBRT Symposium is organised by the National University Cancer Institute, Singapore (NCIS), and co-sponsored by the College of Radiologists, Singapore (CRS) and the Singapore Radiological Society (SRS).

## Location



### National University Cancer Institute, Singapore (NCIS)

NUHS Tower Block, Level 6, Lecture Room T06-03  
1E Kent Ridge Road Singapore 119288  
Republic of Singapore

## Additional Information

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## AGENDA

### June 20, 2010: Arrival of Guests

### June 21, 2010

- 8:00 am Registration and Breakfast
- 9:00 am Welcome - Jiade J. Lu, M.D.
- 9:20 am SBRT overview and history - Simon Lo, M.D.
- 9:50 am Starting SBRT service in a comprehensive cancer treatment center - Simon Lo, M.D.
- 10:45 am *Tea Break*
- 11:00 am SBRT for spinal lesions- Simon Lo, M.D.
- 12:00 pm *Lunch*
- 1:00 pm SBRT for early stage non-small cell lung cancer (NSCLC) - Simon Lo, M.D.
- 2:00 pm Clinical Implementation of SBRT for lung cancer – Tony Wong, Ph.D.
- 3:00 pm Biology of SBRT - Simon Lo, M.D.
- 3:30 pm Q&A

### June 22, 2010

- 8:00 am Registration and Breakfast
- 9:00 am SBRT for non-pulmonary malignancies - Simon Lo, M.D.
- 10:00 am Clinical Implementation of SBRT for non-pulmonary cancers – Junxin Wu, M.D.
- 10:45 am *Tea Break*
- 11:00 am Image Guidance for Linac-based SBRT - Tony Wong, Ph.D.
- 12:00 pm *Lunch*
- 1:00 pm Bringing It All Together: Multimodality, temporal & verification imaging - Carnell J. Hampton, Ph.D.
- 2:00 pm VMAT for Linac-based SBRT - Tony Wong, Ph.D.
- 3:00 pm Dose constraints and clinical trials - Simon Lo, M.D.
- 3:30 pm Q&A

### June 23, 2010

- 8:00 am Registration and Breakfast
- 9:00 am SBRT for Oligometastasis - Simon Lo, M.D.
- 10:00 am Physics of SBRT: Practical Challenges for Simulation & Treatment Part 1 - Carnell J. Hampton, Ph.D.
- 10:45 am *Tea Break*
- 11:00 am Physics of SBRT: Practical Challenges for Simulation & Treatment Part 2 - Carnell J. Hampton, Ph.D.
- 12:00 pm *Closing remarks and Lunch*

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