

Image-Guided Radiation Therapy

Head & Neck IM/IGRT Education Course



putting innovation to work

November 13 – 15, 2014, Toronto, Canada

Thursday, November 13, 2014

1:30 – 2:00 *Registration and Lunch* *1B Red Room**

2:00 – 2:10 Welcome & Introductions

Session One: The Basics of IGRT

2:10 – 2:40 The IGRT Education Course: Concepts & Context
Doug Moseley PhD

2:40 – 3:20 Cone-beam CT Primer
Doug Moseley PhD

3:20 – 3:30 Discussion

3:30 – 3:50 Head & Neck Cancer: Setting the Stage
John Waldron MD

3:50 – 3:55 Discussion

3:55 – 4:10 *Break*

4:10 – 4:50 Quality Assurance in an Image-Guided Era
Jean-Pierre Bissonnette PhD

4:50 – 4:55 Discussion

4:55 – 5:25 Patient Reported Outcomes: Listening to Our Patients
Andrew Hope MD

5:25 – 5:30 Discussion



** Unless otherwise indicated, all sessions take place in the Red Room, 1B-615, Princess Margaret Cancer Centre.*

Friday, November 14, 2014

8:30 – 9:00	<i>Breakfast and Sign In</i>	<i>1B Red Room</i>
Session 2: Setting the Scene: Anatomy, Volumes, & Nomenclature		
9:00 – 9:30	General Principles of Head & Neck Cancer Management (Webinar) Brian O’Sullivan MD	
9:30 – 9:35	Discussion	
9:35 – 9:45	Issues in Radical Radiotherapy for Head & Neck Cancer John Waldron MD	
9:45 – 10:15	Standardization of Practice John Kim MD	
10:15 – 10:55	Anatomy & Contour Guidelines John Kim MD, Eric Bartlett MD	
10:55 – 11:05	Discussion	
11:05 – 11:20	<i>Break</i>	
11:20 – 11:45	Margin Design Tim Craig PhD	
11:45 – 11:50	Discussion	
Session 3A: Live Demonstrations & Practical Exercises		
11:50 – 12:55	1. Contouring Exercise John Kim MD, Lily Chau MRT(T), Michael Holwell MRT(T), Meredith Giuliani MD, Satiavani Ramasamy MD, Shrinivas Rathod MD	<i>Skills Lab</i>
	OR 2. Technical Topics in Head & Neck Stephen Breen PhD, Andrea McNiven PhD, Doug Moseley PhD	<i>1B Red Room</i>
12:55 – 1:55	<i>Lunch</i>	<i>1B Red Room</i>
Session 4: The IGRT Journey – Image, Plan, Treat		
1:55 – 3:05	Treatment Planning in Head & Neck IGRT – From Targets to Plan Optimization Jolie Ringash MD, Andrea McNiven PhD, Lily Chau MRT(T)	
3:05 – 3:10	Discussion	
3:10 – 3:25	<i>Break</i>	
3:25 – 4:05	Putting Head & Neck IGRT into Action Andrew Hope MD, Stephen Breen PhD, Natassia Naccarato MRT(T)	
4:05 – 4:15	Discussion	
Session 5: Monitoring & Outcomes		
4:15 – 4:45	Vignette: Early-Stage Larynx Cancer: IGRT Lessons Learned John Waldron MD	
4:45 – 4:50	Discussion	
4:50 – 5:30	Introduction: John Waldron MD Keynote Address Proton Therapy in the Management of Head & Neck Tumours – Is there value in eliminating the unnecessary radiation exposure from IMRT? Steven Frank MD	
5:30 – 5:40	Discussion	
5:40 – 6:00	MRgRT Tour	
6:00 – 7:30	<i>Wine & Cheese</i>	<i>18th Floor Pencer Centre</i>

Saturday, November 15, 2014

9:00 – 9:30 *Breakfast and Sign In* *1B Red Room*

9:30 – 9:40 Recap
Andrew Hope MD

Session 3B: Live Demonstrations & Practical Exercises

9:50 – 9:55 Overview & Introduction of Exercises
Nicole Harnett MRT(T)

9:55 – 11:35 IGRT Image Registration Exercise *Skills Lab*
Doug Moseley PhD, Winnie Li MRT(T)

AND Problem-Based Learning Session: Issues from the Front Lines
James Loudon MRT(T), Meredith Giuliani MD

11:35 – 11:50 *Break*

11:50 – 12:20 The Medical Director's Perspective on the Daily Operation of the MD Anderson Proton Center
Steven Frank MD

12:20 – 12:30 Discussion

12:30 – 1:30 *Lunch* *18th Floor Pencer Centre*

Session 6: Preparing for the Future

1:30 – 1:50 Team Work, Innovation, & Change Management
Jean-Pierre Bissonnette PhD

1:50 – 1:55 Discussion

1:55 – 2:25 A Bioclinical Anthology of Outcomes for Head & Neck Cancer
Sophie Huang MRT(T)

2:25 – 2:35 Discussion

2:35 – 2:50 *Break*

2:50 – 3:40 Moving Mountains
John Waldron MD, Stephen Breen PhD

3:40 – 3:45 Discussion

3:45 – 4:45 Group Exercise
Jean-Pierre Bissonnette PhD, Nicole Harnett MRT(T)

4:45 – 5:00 Wrap Up and Evaluations

6:00 *Dinner* *REDS Midtown Tavern
382 Yonge Street*