

ESTRO teaching course on *Imaging for Target Volume Determination in Radiotherapy*

Gdansk, 20-24 June 2010

Teaching staff:

Vincent Khoo, United Kingdom
Isabelle Barillot, France
Neil Burnet, United Kingdom
Stefan Delorme, Germany
Daryl Lim Joon, Australia
Peter Remeijer, Netherlands
Sarah Swift, United Kingdom
Angela van Baardwijk, Netherlands
Marcel van Herk, Netherlands

EDUCATIONAL PROGRAMME

SUNDAY	20 JUNE 2010	
08.45 - 08.55	Welcome to the course & housekeeping	V. Khoo
08.55 - 09.20	Introduction and rationale for TVD	V. Khoo
	<i>Imaging techniques in oncology</i>	
	Chairperson: N. Burnet	
09.20 - 10.00	Morphological imaging techniques	S. Swift
10.00 - 10.40	Functional and biological imaging techniques	S. Delorme
10.45 - 11.15	<i>Coffee break</i>	
	<i>Radiotherapy treatment planning</i>	
	Chairperson: V. Khoo	
11.15 - 12.00	ICRU 50, ICRU 62 and beyond	N. Burnet
12.00 - 12.15	Workshop instructions & organisation	V. Khoo, P. Remeijer,
12.15 - 12.30	Instructions in computer setup & use	M. van Herk P. Remeijer
12.30 - 13.30	<i>Lunch</i>	

TUESDAY	22 JUNE 2010	
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Topic: Rectal cancer

Chairperson: I. Barillot

09.00 - 09.30	The GTV in rectal cancer	S. Swift
09.30 - 10.15	Defining the CTV for rectal cancer	D. Lim Joon
10.15 - 10.45	<i>Coffee break</i>	

Topic: Prostate cancer

Chairperson: D. Lim Joon

10.45 - 11.15	Anatomy and GTV for prostate cancer	S. Delorme
11.15 - 12.00	Defining the CTV in prostate cancer	V. Khoo
12.00 - 13.00	Solution of the prostate case	S. Delorme, P. Remeijer, V. Khoo
13.00 - 13.15	Discussion	
13.15 - 14.00	<i>Lunch</i>	
	<i>Free afternoon</i>	
	<i>Evening course dinner</i>	

WEDNESDAY	23 JUNE 2010	
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Topic: Breast & oesophagus cancer

Chairperson: V. Khoo

08.30 - 09.30	Defining the GTV/CTV for breast cancer	A.v. Baardwijk
09.30 - 09.45	Discussion	
09.45 - 10.30	GTV & CTV for oesophageal cancer	D. Lim Joon
10.30 - 11.00	<i>Coffee break</i>	

Topic: CNS cancer & physics

Chairperson: S. Swift

11.00 - 11.30	3D image registration in CFRT and IMRT	P. Remeijer
11.30 - 12.00	Anatomy and GTV for CNS tumours	S. Delorme
12.00 - 12.45	Determining the CTV for gliomas	N. Burnet
12.45 - 13.00	Discussion	
13.00 - 14.00	<i>Lunch</i>	

Topic: CNS & gastric cancer

Chairperson: I. Barillot

14.00 - 15.00	Solution of CNS case	N. Burnet, S. Delorme, M. van Herk
15.00 - 15.15	Discussion	
15.15 - 16.00	Defining CTV for anal cancer	D. Lim Joon

16.00 - 16.30 *Coffee break*

Parallel sessions: Clinical & physics

Chairperson: S. Delorme

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| 16.30 - 17.15 | GTV and CTV for soft tissue sarcoma of the limbs | N. Burnet |
| 16.30 - 17.15 | Physics aspects of imaging for radiotherapy | P. Remeijer,
M. van Herk |

THURSDAY	24 JUNE 2010	
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Topic: H&N cancers

Chairperson: A. v. Baardwijk

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| 08.30 - 09.00 | Imaging the GTV for H&N cancers | S. Swift |
| 09.00 - 09.30 | Anatomy and CTV for nodal XRT in H&N cancer | I. Barillot |
| 09.30 - 10.15 | IMRT: specific requirements for volume definition in the head and neck | I. Barillot |
| 10.15 - 10.30 | Discussion | |

10.30 - 11.00 *Coffee break*

Topic: H&N

Chairperson: N. Burnet

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| 11.00 - 12.00 | Solution of H&N case
Discussion | I. Barillot,
S. Swift,
P. Remeijer |
| 12.00 - 12.30 | Exchange of course evaluation forms for course certificates | |