

**THE ROYAL COLLEGE OF RADIOLOGISTS
THE INSITUTE OF PHYSICS AND ENGINEERING IN MEDICINE
COCHRANE SHANKS/JALIL TRAVELLING PROFESSORSHIP**

**Head and Neck Conformal therapy and IMRT Course
Oncology Institute Cluj-Napoca, Romania 16-19th June 2010**

Approx 50 Attendees, 7 visitors

Tuesday 15th June Visiting Professors arrive from London in the afternoon meet with local team and visit teaching venue at Oncology Institute

Day 1 Weds 16th June

Session 1 Introduction

9.00 Introduction and opening remarks	V Cernea/C Nutting
9.15 Introduction and Background to conformal therapy and IMRT (general)	S Webb
10.00 Clinical application of conformal therapy and IMRT (all tumour types)	C Nutting
10.45 Practical considerations for conformal therapy and IMRT	H McNair
11.15 -11.45 Break	

Session 2 Imaging and planning

11.45 Cross sectional imaging in the evaluation and staging of head and neck cancer	J Olliff
12.30 IMRT planning basics	C Clark
1.00-2.00 Lunch Break	

2.00-4.00 Session 3 Practical session

Clinical Target Volume Definition	CN/KJH
Physics QA	SW/CC
Radiographer issues	HMcN
Radiology special topics:	
Parapharyngeal space	JO
Field change in head and neck cancer: Oesophagus and lung cancer	SR

4.00-5.00 Topic Lectures

4.00 The biology of cancer and its implications for therapy	K Harrington
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Dinner

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Day 2 Thurs 17th June

Session 1

9.00 Target volume definition for head and neck cancer C Nutting

9.45 PET CT in head and neck cancer S Rankin

11.00-11.30 Break

Session 2

11.30 Treatment planning optimisation strategies S Webb

12.00 Plan assessment, strategies for improving poor plans, common errors C Clark

12.30 Implementation, imaging and QA H Mcnair

1.00-2.00 Lunch break

2.00-4.00 Practical session 2

All

Clinical Clinical plan assessment

CN/KJH

Physics Planning

SW/CC

Radiographer issues

HMcN

Radiology special topics

Thyroid

JO

PET in Oncology: FDG and Beyond

SR

4.00-5.00 Topic Lectures

4.00 The future of radiotherapy in 2020 S Webb

Dinner

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Day 3 Friday 18th June

Session 1

9.30 Quality Control and Quality Assurance for IMRT

C Clark

10.15 Chemotherapy and IMRT: role of new agents

K Harrington

11.00-11.30 Break

11.30 Head and Neck IMRT evidence base: Indications and clinical outcomes

C Nutting

12.15 Common pitfalls in head and neck cancer imaging

J Olliff

1.00 Closing remarks

V Cernea/C Nutting

Lunch

Visitors leave for Airport. Flights 16.15

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THE COCHRANE SHANKS/JALIL TRAVELLING PROFESSORSHIP TEAM

2 Radiation Oncologists: Dr Nutting, and Dr Harrington, Royal Marsden Hospital and The Institute for Cancer Research, London

2 Radiation Physicists: Prof Steve Webb, Royal Marsden Hospital and The Institute for Cancer Research, Sutton, Dr Catharine Clarke National Physics Laboratory London UK

1 Treatment Radipgrapher: Miss Helen McNair

2 Oncology Diagnostic Radiologists Dr Julie Olliff, Birmingham UK and Dr Sheila Rankin St Thomas' Hospital London UK