

Proton Therapy Symposium London

Thursday 4th and Friday 5th October 2018

University College London Hospitals are pleased to host the third two-day meeting on Proton Beam Therapy (PBT) in the UK and the future development of the UK service. Speakers from the UK Centres (UCLH and The Christie) as well as international and UK experts will provide an oversight of the UK PBT service. Day 1 will concentrate on the clinical considerations of proton beam therapy. Day 2 focusses on physics aspects of the UK indication list for PBT.

For details please contact:

Derek D'Souza

Email: derek.dsouza@nhs.net

Dr Yen-Ching Chang

yenching.chang@nhs.net

Laura Allington

laura.allington@nhs.net



Indicative image of the new centre at UCLH.

Proton Therapy Symposium Programme

Day 1 (Clinical)

Thursday 4th October 2018

Day 1 (Clinical)

10:00 – 10:25 Registration & coffee
10:25 – 10:30 Welcome (Yen-Ch'ing Chang)

Session 1: Overview of clinical service and operations (Chair: Laura Allington)

10:30 – 11:00 Overview of Current UK PBT service (Speaker TBC)
11:00 – 11:30 The Future PBT service (Yen-Ch'ing Chang)
11:30 – 12:00 Clinical operations and staffing (Sarah Petty)
12:00 – 12:30 Manchester update (Dr Ed Smith)

12:30 – 13:30 Lunch

Session 2: Clinical experience 1 (Chair: Yen-Ch'ing Chang)

13:30 – 14:00 Proton Therapy Physics for Clinical Oncologists (Callum Gillies)
14:00 – 14:40 RBE considerations with proton therapy (Sarah Gulliford)
14:40 – 15:20 Chordoma and chondrosarcoma experience (Damien Weber)

15:20 – 15:40 Coffee/Tea

Session 3: Clinical experience 2 (Chair: Yen-Ch'ing Chang)

15:40 – 16:20 PBT for tumours of the H&N (David Thompson)
16:20 – 17:00 Paediatric experience at Essen WPE (Beate Timmerman)

17:00 – 17:30 Panel discussion/Q&A

17:30 Close

Proton Therapy Symposium Programme

Day 2 (Physics/Technical)

Friday 5th October 2018

Day 2 (Physics)

09:00 – 09:25 Registration & coffee
09:25 – 09:30 Welcome back (Derek D'Souza)

Session 1: Facility design and development (Chair: Derek D'Souza)

09:30 – 10:00 Design and construction modelling of UCLH facility (Stuart Keen)
10:00 – 10:30 Radiation Shielding Design for Proton Centres (Jill Reay)
10:30 – 11:00 Overview of UK PBT equipment (Andrew Poynter)
11:00 – 11:20 Coffee

Session 2: Commissioning and quality assurance (Chair: Andrew Poynter)

11:20 – 12:00 Commissioning a new PBT facility (Hakan Nystrom)
12:00 – 12:30 Update on the IPEM Code of Practice (Stuart Green)

12:30 – 13:30 Lunch

Session 3: Treatment planning (Chair: Alison Warry)

13:30 – 14:00 Approaches to Robust planning with active pencil beam scanning (Richard Amos)
14:00 – 14:30 Theory and practice: Protocols in the clinic (Vasilis Rompokos)
14:30 – 15:00 Use of DECT in reducing uncertainty (Esther Baer)
15:00 – 15:30 Coffee

Session 4: Treatment plan verification and adaptive therapy (Chair: Vasilis Rompokos)

15:30 – 16:00 Imaging in Proton therapy (Andrew Gosling)
16:00 – 16:30 QA strategies for PBT (Alison Warry)

16:30-16:45 Panel discussion/Q&A

16:45 Close

Proton Therapy Symposium Registration

Course Organisers:

Dr Yen-Ch'ing Chang Clinical Lead for Radiotherapy and PBT (UCLH)

Laura Allington PBT Operational Lead (UCLH)

Andrew Poynter PBT Physics Operational Lead (UCLH)

Derek D'Souza Head of Radiotherapy Physics and Technical Lead for PBT (UCLH)

Fees and Registration:

The cost for the two day symposium is £250.

Single day registration is £150

The course fees include symposium attendance, lunches and light refreshments.

Each day carries 5 CPD credits in accordance with the CPD scheme of the Royal College of Radiologists

The programme and registration form can be found via the following link:

<http://www.uclhcharitycourses.com/courses/cancer-services>

Payment can be made via credit card

Venue:

Education Centre

UCLH NHS Foundation Trust

250 Euston Road London NW1 2PG

The venue is approximately a five minute walk from Euston Mainline station and with easy access for several mainline train and underground stations

