

Public lecture:

# Proton Beam Therapy

**9 February 2022**

**18:30 – 21:00 GMT**

**Venue**

Logan Hall, Institute of Education, UCL,  
UCL Institute of Education,  
20 Bedford Way,  
London

For the public, healthcare professionals and academics, brings together leading oncologists, medical physicists and therapeutic radiographers to present and discuss current and future aspects of PBT.

## Introduction

High energy Proton Beam Therapy (PBT) is a type of radiotherapy that uses a beam of high energy protons to treat specific types of cancer. Following ten years of provision under the Proton Overseas Programme, which provided treatment abroad to over 1100 patients with costs met by the NHS, PBT began in England in 2018, with the opening of the Proton Beam Therapy Centre at The Christie in Manchester. The second NHS centre will open at University College London Hospitals NHS Foundation Trust (UCLH) in late 2021.

This lecture, for the public, healthcare professionals and academics alike, brings together leading oncologists, medical physicists and therapeutic radiographers to present and discuss current and future aspects of PBT, including:

- The principles and delivery of PBT
- PBT and children
- The future of PBT
- Research opportunities
- Q&A with our experts

Refreshments and networking will follow the lecture.

## Programme

### Introduction

Professor Stephen O'Connor  
Immediate Past President, Institute of Physics and Engineering in Medicine (IPEM)

### Proton Beam Therapy – principles and delivery

Andrew Poynter  
Proton Therapy Physics Lead, UCLH

### Proton Beam Therapy in children

Dr Yen-Ching Chang  
Consultant in Paediatric Radiotherapy and Clinical Lead for Proton Beam Therapy, UCLH

### Importance of a 'specialist paediatric' approach

Cathy Dunlea  
Paediatric & Teenage/Young Adult Radiographer, UCLH

<http://www.ucl.ac.uk/medical-physics-biomedical-engineering/public-lecture-proton-beam-therapy>

### Register to attend:

<https://pbt-public-lecture.eventbrite.com>

### Future perspectives of proton beam therapy technology

Richard Amos  
Translational Proton Therapy Physics Lead, UCL

### Research opportunities and future directions

Professor Maria Hawkins  
Chair of Radiation Oncology, UCL, and Consultant in Gastrointestinal (GI) Radiotherapy, UCLH

### Q&A

Professor Andrew Nisbet  
Head of Department, Medical Physics and Biomedical Engineering, UCL

### Networking and refreshments

[www.ipem.ac.uk](http://www.ipem.ac.uk)  
[www.ucl.ac.uk](http://www.ucl.ac.uk)