NEW TECHNOLOGY IN RADIATION ONCOLOGY: WHAT ADVANCES CAN THIS BRING FOR CANCER TREATMENT (AND IS IT WORTH THE $$\$s)?)

There have been great advances in radiotherapy and around 50% of cancer patients will benefit from having radiotherapy as part of their treatment.

While technology is enabling more complex treatments, improving technology is also more expensive and pricing has become an issue. Therefore health technology assessment, evidence-based medicine and efficient utilisation approaches must be considered before adopting new technology.

This lecture will discuss some novel physics and technology developments in radiotherapy within the context of costs and evidence-based medicine.

PRESENTED BY PROFESSOR DAVID THWAITES MA MSc PhD FInstP FIPEM FRCR

David has recently taken up the position of Professor of Medical Physics at the University of Sydney, having previously been the Professor of Oncology Physics at the University of Leeds and Head of the Department of Medical Physics and Engineering in Leeds Teaching Hospitals. He was also Head of Radiotherapy Physics in the Leeds/Yorkshire Cancer Centre and Consultant Medical Physicist in the Edinburgh Cancer Centre. David has been involved in European level projects and the IAEA/WHO dosimetry, medical physics and radiation oncology support program. He has also advised a number of other countries’ health authorities on aspects of medical physics and radiation oncology, including Australia’s Department of Health and Ageing.
PARKING
Limited parking is available at the Camperdown campus, a short distance from the venue.

From 3.00pm – 6.00am, Monday to Friday, rates are as follows:
- $6 flat rate
- $2 hourly rate (to maximum $6)

Pay and Display machines accept $1 and $2 coins. Most machines do not accept notes.

Change machines are located:
- On Manning Road in front of the Old Teachers’ College
- Behind the Wentworth Building in Maze Crescent
- In the Shepherd Street carpark
- On Western Avenue near the entrance to the Western Avenue (underground) carpark