



# ESTRO

European Society for  
Radiotherapy & Oncology

Association of Radiation Therapy Technologists of India  
First World Congress and 23rd National Conference & 1<sup>st</sup> ARTTI-  
ESTRO Course 13<sup>th</sup> - 15<sup>th</sup> December 2019



## ESTRO / ARTTI Course for RTTs

### Background

This course has been designed to facilitate maximum attendance by RTTs across India. There are two options both of which include an online component. The one-day teaching course will be open to all registering participants. The three-day course will incorporate the online component, the one-day teaching course and two additional days focusing on a Train the Trainer approach.

### 1. The online component

All participants will be required to register with ESTRO and complete the online component. The participants can access the lectures in their own time but must complete this section prior to attendance at the teaching day. The lecture content:

Lecture	Lecturer
Basic principles of positioning and immobilisation	Mary Coffey
Impact of positioning and immobilisation on treatment planning	Michelle Leech
Impact of positioning errors on margins	Todd Pawlicki and Irena Dragojevic
Impact of positioning and immobilisation on treatment verification – the RTT perspective	Sharon Wong
Impact of positioning and immobilisation on clinical outcome	Laura Mullaney

### 2. The one-day teaching programme 13<sup>th</sup> December, 2019

The aim of this day is to consolidate the information given in the online component. Lecture will be given by the ESTRO faculty.

Time	Lecture	Lecturer
9:00 – 9:30	Welcome and Introduction – review of online component	Faculty
9:15 – 10:15	Clinical application of basic radiobiology principles for RTTs	Michelle Leech
<b>10:15 10:45 COFFEE</b>		
10:45 – 11:30	ICRU reports 50, 62 and 83	Michelle Leech
11:30 – 12:15	Preparing the patient for treatment	Mary Coffey
12:15 – 13:00	Introduction to basic treatment planning principles	Michelle Leech
<b>13:00 – 14:00. LUNCH</b>		
14:00 – 14:45	Interpreting a treatment prescription and plan	Phil Scherer

14:45 – 15:30	Monitoring reactions	Mary Coffey
15:30 – 16:00	Reviewing IGRT Protocols	Phil Scherer
<b>16:00 – 16:30. COFFEE</b>		
16:30 – 17:15	Incident reporting and learning	Mary Coffey
17:15 – 17:45	Documentation	Mary Coffey
17:45 – 18:15	Conclusion and evaluation	Faculty

### **3. The two-day Train the Trainers programme 14<sup>th</sup> – 15<sup>th</sup> December, 2019**

Material on teaching and learning will be made available to participants of this component. Participants will be guided through the process of preparing a short course to deliver to their colleagues. There will be limited lecture content as the focus is on participants defining the topic, content and facilitators of short courses relevant for their situation.

#### **Timetable**

<b>Date/Time</b>	<b>Topic</b>	<b>Lecturer</b>
<b>14<sup>th</sup> December, 2019</b>		
9:00 – 10:00	Welcome and Introduction	Mary Coffey and Faculty
10:00 – 11:00	Improving the professional profile and education level of RTTs	Mary Coffey
<b>11:00 – 11:30 COFFEE</b>		
11:30 – 13:00	Workshop on short course preparation	Faculty
<b>13:00 – 14:00. LUNCH</b>		
14:00 – 14:30	Initial feedback from participants	
14:30 – 15:15	Preparing and delivering a short course	Phil Scherer
15:00 – 16:30	Workshop continued	Faculty
<b>16:30 – 17:00 COFFEE</b>		
17:30 – 18:30	Feedback from participants	
<b>15<sup>th</sup> December, 2019</b>		
9:00 – 9:30	Preparing a practical workshop	Mary Coffey
9:30 – 10:15	Running a journal club	Michelle Leech
<b>10:15 – 10:45. COFFEE</b>		
10:45 – 12:30	Workshop preparation continued	Faculty
12:30 – 13:00	Feedback from participants	
<b>13:00 – 14:00. LUNCH</b>		
14:00 – 15:30	Final workshop preparatory session	Faculty
<b>15:30 – 16:00 COFFEE</b>		
16:00 – 16:45	Presentation of short course outlines	Participants
16:45 – 17:30	Tips on powerpoint presentations	Mary Coffey
17:30 – 18:30	Conclusion, evaluation and presentation of certificates	Faculty