



The Royal Australian and New Zealand College of Radiologists®

RANZCR Trainee Virtual SMART Workshop Timetable Study Design Concepts Monday 16 March 2020

*Convenor Dr Trang Pham
Open to Registered Trainees Only*

8.30am	<i>Welcome and Introduction</i> Dr Giuseppe Sasso, President of TROG Cancer Research	
8.50am	Study Design	Cohort / case control
		Aspects of bias
		Phase 1 and phase 2 designs
		Randomised controlled trials
		Randomisation and stratification
	Non-inferiority / equivalence designs	
9.30am	Small Group Session 1	
10.30am – 10.50am Morning Break		
10.50am	Selecting endpoints	Outcome to endpoint
		Endpoint selection
	Measurement of effect	Means, medians
		Standard deviation, IQR
		Odds ratios
		Risk rate
		Hazard ratios
11.30am	Small Group Session 2	
12.30pm – 1.30pm Lunch Break		
1.30pm	Prof Peter Hoskin <i>Consultant Clinical Oncologist, Mount Vernon Cancer Centre, Northwood, United Kingdom</i> <i>Professor of Clinical Oncology, University of Manchester, United Kingdom</i>	
2.10pm	Other issues	Sample size considerations
		Non-compliance
		Confounders
		Appropriate follow up time
		Frequency of data collection
		Dealing with missing data
2.50pm	Ms. Jenifer Dunlop <i>AstraZeneca</i>	
2.55pm	Afternoon Break	
3.15pm	Small Group Session 3	
4.15pm	Open forum Q & A	
4.25pm – 4.35pm	Wrap up – Closing	