

HEALTH SERIVCES RESEARCH AND HEALTH ECONOMICS IN RADIATION ONCOLOGY

21 November 2020

SCIENTIFIC PROGRAMME

Course Director	Faculty	
Yolande Lievens	Ajay Aggarwal	Michael Barton
Eduardo Zubizarreta	Hedwig Blommestein	Josep Maria Borras
	Noemie Defourny	Cai Grau
	Danielle Rodin	

9:00	Pre-meeting starts	
	Radiotherapy availability and access: magnitude of the problem.	
09:00-09:30	Actual status of radiotherapy resource availability and access to radiotherapy; focus on EU, but with some data about worldwide	C. Grau
	From cancer incidence to radiotherapy needs.	
09:30-10:00	Treatments: fractions and courses (EBEST, other approaches); start to discuss how these number of courses translate into number of resources (theory)	M. Barton
	How are such data used to support radiotherapy at national level?	
10:00-10:30	Starting from point of view of cancer plans, the regulator's perspective. Show some European scenario's, including MALTHUS; maybe also show some experience in LA (JMB did some audits there). (practical)	JM. Borras



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10:30-11:00	COFFEE BREAK		
11:00-11:30	Radiotherapy costs: provider vs. payer perspective. Discuss the cost of radiotherapy: what does it mean (provider perspective, overview of literature, cost calculation methods, implementation and results) vs. payer perspective	Y. Lievens	
	(reimbursement systems and levels, how do they drive practice). (theory) Radiotherapy cost calculation in practice.		
11:30-12:00	Practical examples of RT costing: Microcosting, HERO time driven activity-based cost calculator, IAEA model (practical)	N. Defourny	
12:00-12:30	economics play a role at departmental level?		
	How to use these data to start-up, expand a department, make investments at departmental/micro-level. Include sustainability?	E. Zubizarreta	
12:30-14:00	LUNCH		
14:00-14:30	How do economics play a role at societal level?		
	A primer to Health Technology assessment, CEA, BIA. (theory)	H. Blommestein	
14:30-15:00	Cost-effectiveness and budget-impact analysis in radiotherapy.		
	In-depth discussion of CEA and BIA (practical examples)	ТВС	



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15:30-16:00	COFFEE BREAK		
	How can we safeguard investment in radiotherapy?		
15:00-15:30	Investment in radiotherapy, investment models, global level, return on investment	D. Rodin	
	From evidence to practice: how to generate the necessary data?		
16:00-16:30	How to collect data on costs and clinical endpoints? CED? Intro to VBHC	A. Aggarwal	
16:30-17:00	Wrap up		