



Health Services Research (HSR) and Health Economics in Radiation Oncology (HERO)

31st July 2020, from 09:00-17:00

Programme

Time slot	Title	Teacher
09:00	Pre-meeting starts	
09:00-09:30	Radiotherapy availability and access: magnitude of the problem. Actual status of radiotherapy resource availability and access to radiotherapy; focus on EU, but with some data about worldwide	C. Grau
09:30-10:00	From cancer incidence to radiotherapy needs. Treatments: fractions and courses (EBEST, other approaches); start to discuss how these number of courses translate into number of resources (theory)	M. Barton
10:00-10:30	How are such data used to support radiotherapy at national level? 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
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 (reimbursement systems and levels, how do they drive practice). (theory)	Y. Lievens
11:30-12:00	Radiotherapy cost calculation in practice. Practical examples of RT costing: Microcosting, HERO time driven activity-based cost calculator, IAEA model (practical)	N. Defourny
12:00-12:30	How do 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. Indepth discussion of CEA and BIA (practical examples)	Teacher TBC
15:00-15:30	COFFEE BREAK	
15:30-16:00	How can we safeguard investment in radiotherapy? Investment in radiotherapy, investment models, global level, return on investment	D. Rodin
16:00-16:30	From evidence to practice: how to generate the necessary data? How to collect data on costs and clinical endpoints? CED? Intro to VBHC	A. Aggarwal
16:30-17:00	Wrap up	