

### SCIENTIFIC PROGRAMME

#### Course Directors

Nicolas Pourel

Núria Jornet

#### Faculty

Coen Hurkmans

Amanda Caissie

Marjolein van Os

Yolande Lievens

Karine Gerard

\*The Webinars are scheduled in CEST (Central European Summer Time) zone.

#### DAY 1 – 19<sup>th</sup> April 2021 – MONDAY

##### MODULE 1: Set up a Quality System / Roles and responsibilities / Staffing levels (Lectures)

Time	Lecture	Topic	Speaker
13:30-13:40	Live Webinar	Welcome and introduction	All Teachers
13:40-14:25	Live Webinar Q&A Session	Why do we need to assess and improve quality in RO	Núria Jornet
14:25-15:20	Live Webinar Q&A Session	The link between risk and quality management Example on prospective risk management	Núria Jornet
<b>15:20-15:35</b>	<b>Coffee break</b>		
15:35-16:10	Live Webinar Q&A Session	Setting up a Quality Management System: how to start	Nicolas Pourel
16:10-16:55	Live Webinar Q&A Session	Organization of a Radiotherapy Department: The writing Internal rules, assignment of responsibilities and roles, procedures and charts	Nicolas Pourel
<b>16:55-17:10</b>	<b>Coffee break</b>		
17:10-17:55	Live Webinar Q&A Session	Resource levels in RO: What are they and What should they be	Yolande Lievens
17:55-18:10	Live Webinar/ Discussion	Practical exercises on allocation of responsibilities, roles, (explanation). / staffing levels /Yolande)	Nicolas Pourel

#### DAY 2 – 26<sup>th</sup> April 2021 – MONDAY

##### MODULE 1: Set up a Quality System / Roles and responsibilities / Staffing levels (Practical)

Time	Lecture	Topic	Speaker
15:00-15:45	Live Webinar/ Discussion	Organise two live connections to discuss both exercises	Nicolas Pourel (All teachers)
<b>15:45-16:00</b>	<b>Coffee break</b>		
16:00-16:45	Live Webinar/ Discussion	Organise two live connections to discuss both exercises	Nicolas Pourel (All Teachers)

## SCIENTIFIC PROGRAMME

### DAY 3 – 27<sup>th</sup> April 2021 – TUESDAY

#### MODULE 2: Quality Assessment (Lectures)

Time	Lecture	Topic	Speaker
13:30-14:15	Live Webinar Q&A Session	Quality indicators in Radiation Oncology; The need, definition of quantitative and qualitative QI	Amanda Caissie
14:15-15:00	Live Webinar Q&A Session	Methods for monitoring QI: Statistical Process Control	Karine Gerard
<b>15:00-15:15</b>	<b>Coffee break</b>		
15:15-16:00	Live Webinar Q&A Session	How to set action limits: How to link clinical tolerances, uncertainties and action limits	Karine Gerard
16:00-16:45	Live Webinar Q&A Session	Real world data and QM (include patient related outcomes); data mining versus data farming for Quality monitoring improvement	Yolande Lievens
<b>16:45-17:00</b>	<b>Coffee break</b>		
17:00-17:45	Live Webinar Q&A Session	Clinical trials credentialing methods	Coen Hurkmans
17:45-18:00	Live Webinar/ Discussion	Practical exercises explanation.n (QI)	Amanda Caissie

### DAY 4 – 3<sup>rd</sup> May 2021 – MONDAY

#### MODULE 2: Quality Assessment (Practical)

Time	Lecture	Topic	Speaker
15:00-16:00	Live Webinar/ Discussion	Practical exercises: Provision of personnel depending on the technology	Yolande Lievens
<b>16:15-16:30</b>	<b>Coffee break</b>		
16:30-17:30	Live Webinar/ Discussion	Practical exercise Quality indicators	Amanda Caissie

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### DAY 5 – 4<sup>th</sup> May 2021 – TUESDAY

#### MODULE 3: Quality Improvement Tools (Lectures)

Time	Lecture	Topic	Speaker
13:30-14:15	Live Webinar Q&A Session	Creating a Culture of Continuous Improvement in a Radiation Therapy Department	Nicolas Pourel
14:15-15:00	Live Webinar Q&A Session	Quality improvement tools: Methodology of Lean thinking. Introduction to lean thinking	Marjolein van Os
<b>15:00-15:15</b>	<b>Coffee break</b>		
15:15-16:00	Live Webinar Q&A Session	Quality improvement tools: Lean thinking in Radiation Oncology	Marjolein van Os
16:00-16:45	Live Webinar Q&A Session	Peer review as a Quality Tool	Amanda Caissie
<b>16:45-17:00</b>	<b>Coffee break</b>		
17:00-18:00	Live Webinar/ Discussion	Practical exercises explanation.	Marjolein van Os

### DAY 6 – 10<sup>th</sup> May 2021 – MONDAY

#### MODULE 3: Quality Improvement Tools (Practical)

Time	Lecture	Topic	Speaker
15:00-16:00	Live Webinar/ Discussion	Exercise on Lean management: practical exercise on lean process optimization	Marjolein van Os
<b>16:00-16:15</b>	<b>Coffee break</b>		
16:15-17:00	Live Webinar/ Discussion	Exercise on Lean management: presentation of the results by groups	Marjolein van Os

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### DAY 7 – 11<sup>th</sup> May 2021 – TUESDAY

#### MODULE 4: Quality Audits/Clinical trials (Lectures)

Time	Lecture	Topic	Speaker
13:30-14:15	Live Webinar Q&A Session	Clinical trials methods: How to use lessons learned from clinical trials credentialing in day to day clinical practice	Coen Hurkmans
14:15-15:00	Live Webinar Q&A Session	How to set up a clinical audit	Núria Jornet
<b>15:00-15:30</b>	<b>Coffee break</b>		
15:30-16:15	Live Webinar Q&A Session	EU and quality in RT; What is on?	Coen Hurkmans
16:15-17:00	Live Webinar Q&A Session	Health technology assessment and value for money of Quality in RT	Yolande Lievens

### DAY 8 – 17<sup>th</sup> May 2021 – MONDAY

Time	Lecture	Topic	Speaker
13:30-15:00	Live Webinar Q&A Session	Wrap up of the course	Núria Jornet/ Nicolas Pourel/ All Teachers