

### SCIENTIFIC PROGRAMME

**Course Director**

P Hoskin

**Faculty**

P Bownes

S Machtens

C Salembier

FA Siebert

**Prerequisite Course Material List**

Students are advised to review the prerequisite course material on ESTRO Moodle before the course. The prerequisite material and virtual lesson create a complete subject unit.

Prerequisite Lectures	Speaker
Prostate anatomy and imaging for brachytherapy	S Machtens
QA for brachytherapy	F-A Siebert
Radiation protection and incidents	Peter Bownes

**Day 1 - 13 October**

Time	Topic	Lecturer
09:00 - 09:10	Welcome and introduction	P Hoskin
09:10 - 09:45	Patient Selection for LDR seed brachytherapy	C Salembier
09:45 - 10:30	Patient Selection for HDR brachytherapy	P Hoskin
10:30 - 11:00	<i>Coffee break</i>	
11:00 - 12:00	LDR seed techniques and video demonstrations	P Bownes S Machtens C Salembier
12:00 - 13:00	HDR techniques and video demonstrations	P Hoskin FA Siebert
13:00 - 14:00	<i>Lunch</i>	
14:00 - 14:30	CTV definition and Falcon exercise review	C Salembier
14:30 - 15:30	Planning principles and solution HDR & LDR	P Bownes FA Siebert
15:30 - 16:00	<i>Coffee break</i>	
16:00 - 16:30	Post-treatment evaluation	C Salembier FA Siebert
16:30 - 17:00	Image registration and uncertainties in prostate brachytherapy	P Bownes
17:00 - 17:30	Review and interactive session	All

### SCIENTIFIC PROGRAMME

#### Day 2 - 14 October

Time	Topic	Lecturer
09:00 - 10:00	Clinical results of LDR	C Salembier
10:00 - 10:45	Clinical results of HDR	P Hoskin
10:45 - 11:00	Adjuvant treatment and prostate brachytherapy	C Salembier
11:00 - 11:30	<i>Coffee break</i>	
11:30 - 12:15	Complications of prostate brachytherapy	S Machtens
12:15 - 13:00	Management of toxicity and complications	S Machtens All
13:00 - 14:00	<i>Lunch</i>	
14:00 - 14:30	Focal therapy: treatment planning and results: LDR and HDR	P Bownes P Hoskin S Machtens
14:30 - 15:30	Brachytherapy for salvage	C Salembier
15:30 - 16:00	<i>Coffee break</i>	
16:00 - 16:30	Prostate therapy: LDR, HDR, surgery, IMRT, SBRT	P Hoskin
16:30 - 17:00	Final Review and interactive session	All