



# ESTRO

## 9<sup>th</sup> ESTRO - AROI Teaching Course, 10<sup>th</sup> -13<sup>th</sup> November 2022

Venue: Rasmanch I & II, Swabhumi The Heritage, Kolkata

Day 1 : 10 <sup>th</sup> November 2022		
Time	Lecture Topic	Speaker
8:00 – 9:00 am	Registration	
9:00 – 9:45 am	Inaugural function	
9:45 – 10:15 am	TEA	
	Chair:	
10:15 – 11:00 am	Clinical Rational and Evidence for IMRT and IGRT	Dr Coen Rasch
11:00 – 11:45 am	Errors and Margins in IGRT	Dr Indranil Mallick
11:45 am – 12:15 pm	GTV/CTV/ITV/PTV concepts and ICRU guidelines	Dr V Kannan
12:15 – 1:00 pm	Correction Strategies	Dr T Ganesh
1:00 – 2:00 pm	LUNCH	
	Chair:	
2:00 – 2:45 pm	SBRT for HCC & Liver Mets	Dr Shirley Lewis
2:45 – 3:30 pm	Dose-Volume Relationship; Head and Neck	Dr Sarbani Ghosh Laskar
3:30 – 4:00 pm	TEA	
	Chair:	
4:00 – 4:30 pm	Role of Advanced Technologies in Treatment of Head & Neck Cancer	Dr A K Anand
4:30 - 5:45 pm	Clinical Session: Head & Neck IMRT and IGRT	Dr Andrew Hope Dr Coen Rasch Dr Sarbani Ghosh Laskar

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Day 2 : 11 <sup>th</sup> November 2022		
Time	Lecture Topic	Speaker
	Chair:	
9:00 – 9:30 am	IMRT Delivery Techniques	Dr Ben Heijmen
9:30 – 10:15 am	Automated treatment planning for IMRT/VMAT	Dr Ben Heijmen
10:15 – 11:00 am	Plan Evaluation of IMRT/IGRT in Head and Neck Cancers: What clinicians should keep in mind?	Dr Vineeta Goel
11:00 – 11:30 am	TEA	
	Chair:	
11:30 – 12:00 pm	Dosimetry of IMRT: Patient Q & A and Clinical Acceptance	Dr T Ganesh
12:00 – 12:30 pm	VMAT and IMRT Planning Prioritizing plan Optimization / Plan Normalisation	Dr A K Bansal
12:30 – 1:00 pm	Advances and Challenges in Particle Therapy	Dr Rakesh Jalali
1 - 2 pm	LUNCH	

2:00 – 3:30 pm	Group 1	}	Contouring session HNC (Prof. C Rasch, Dr. Andrew Hope, Dr A K Anand)
2:00 – 3:30 pm	Group 2		
3:30 – 4:00 pm	TEA		
4:00 – 5:30 pm	Group 1	}	Contouring session Thorax (Dr. Andrew Hope , Prof. C Rasch, Dr Vineeta Goel)
4:00 – 5:30 pm	Group 2		

**GALA DINNER (7 pm onwards)**

**At Rangmanch, Swabhumi – The Heritage, Kolkata**

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<b>Day 3: 12<sup>th</sup> November 2022</b>		
	Chair:	
9:00 – 9:45 am	Frameless IGRT and Stereotactic Radiotherapy	Dr Andrew Hope
9:45 – 10:15 am	Dose-Volume Relationship Thorax	Dr Andrew Hope
10:15 – 10:45 am	Thorax: EUD and NTCP Concepts	Dr Andrew Hope
10:45 – 11:15 am	TEA	
	Chair:	
11:15 am – 12:15 pm	Clinical Session: Thorax IMRT and IGRT	Dr Andrew Hope Dr A K Bansal
12:15 – 12:45 pm	Clinical Case Thorax: Indications, Image Guidance & Outcome of SBRT in Stage I Lung Cancer	Dr V Kannan
12:45 – 1:15 pm	Towards Accurate and Precise Image Guided Radiotherapy: Clinical Applications of the MR-Linac	Dr A K Anand
1:15 – 2:15 pm	LUNCH	
	Chair:	
2:15 – 3:00 pm	Technology IGRT: Non Radiographic IGRT techniques	Dr Ben Hijmen
3:00 – 3:45 pm	CT based Image guided adaptive brachytherapy for cervical cancer	Dr Umesh Mahantshetty
3:45 – 4:15 pm	TEA	
	Chair:	
4:15 – 5:00 pm	Imaging and Target Delineation	Dr Coen Rasch
5:00 – 5:30 pm	Workflow and Implementation RTT Perspective	Dr Coen Rasch

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<b>Day 4: 13<sup>th</sup> November 2022</b>		
<b>Time</b>	<b>Lecture Topic</b>	<b>Lecturer</b>
	<b>Chair:</b>	
9:00 – 9:45 am	Adaptive Radiotherapy	Dr Coen Rasch
9:45 – 10:30 am	Indications of Proton Therapy in Brain Tumours	Dr Rakesh Jalali
10:30 – 11:15 am	Current status and future of Artificial Intelligence in Radiotherapy	Dr Ben Heijmen
11:15 – 11:45 am	<b>TEA</b>	
	<b>Chair:</b>	
11:45 am – 12:15 pm	Clinical Session: IMRT/IGRT in High Grade Gliomas	Dr Tejpal Gupta
12:15 – 1:00 pm	Clinical Session: SBRT in Spine Metastasis – Indication and Pros and Cons in Comparison to Conventional Radiation	Dr A K Anand
1:00 – 1:30 pm	Clinical Session: Stereotactic radiotherapy for brain metastasis	Dr Vineeta Goel
1:30 – 2:15 pm	<b>LUNCH</b>	
	<b>Chair:</b>	
2:15 – 3:00 pm	Clinical Session: Pelvis, Rectum/Gynaec IMRT and IGRT: IMRT and IGRT in the Management of Carcinoma Cervix	Dr Umesh Mahantshetty
3:00 – 3:30 pm	Is there a need of RCT in the perspective of new techniques?	Dr Jyotirup Goswami
3:30 – 4:00 pm	Concept of PTV: Is it department or technique related	Dr Indranil Mallick
4:00 – 4:30 pm	Panel Discussion	ESTRO / Indian
4:30 – 5:00 pm	Handing out Certificates	ESTRO / Indian
<b>CLOSING OF COURSE &amp; TEA</b>		

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