

Paediatric radiotherapy course:

The MDT management approach for LMIC: Part 1

25 November, 28 November – 1 December 2022

**Session 1: Friday 25 November 2022 – Introduction Day**

**09h00 – 13h15**

Time	Topic	Presenter
09h00 – 10h00	The role of radiotherapy in paediatric cancer management The role of the RTT in paediatric radiotherapy	JP
10h00 – 10h30	Paediatric anaesthesia for paediatric RT	GW
10h30 – 11h00	Break	
11h00 – 11h15	Paediatric imaging – Dose concerns	JM
11h15 – 12h15	Paediatric imaging – Wilms, Medullo and Rhabdo	EB
12h15 – 13h15	Paediatric pathology – Wilms, Medullo and Rhabdo	SS
13h15	Closing	

Hours: 3.75

**Session 2: Monday 28 November 2022 – Wilms Tumour**

**09h00 – 15h00**

Time	Topic	Presenter
09h00 – 10h30	Wilms Tumours Clinical overview	JP
10h30 – 11h00	Break	
11h00 – 11h30	Surgery for Wilms tumour	SC
11h30 – 12h00	Chemotherapy for Wilms tumour	AD/HdQ
12h00 – 12h30	Contouring requirements	JP
12h30 – 13h00	Lunch	
13h00 – 15h00	Case based practical planning for Wilms tumour Flank Whole abdomen Whole lung	JP

Hours: 5

## Session 3: Tuesday 29 November 2022 – Palliative Radiotherapy for Paediatrics and Retinoblastoma

09h00 – 15h30

Time	Topic	Presenter
09h00 – 09h45	Role of palliation in paediatric cancer care Disease site overview	TN
09h45 – 10h15	Radiotherapy in the setting of recurrent disease	TN
10h15 – 10h45	Break	
10h45 – 11h45	Practical planning for midline glioma	TN
11h45 – 12h45	Palliative RT case demonstration	TN
12h45 – 13h15	Lunch	
13h15 – 13h30	Overview of retinoblastoma	JW
13h30 – 14h15	Ophthalmology for RB	HM
14h15 – 15h30	Radiotherapy for RB: Case demonstration Brachytherapy EBRT	JW/AG/NJ

Hours: 5.5

## Session 4: Wednesday 30 November 2022 – Medulloblastoma

09h00 – 15h30

Time	Topic	Presenter
09h00 – 10h00	Overview and Treatment options	JP
10h00 – 10h30	Surgery for medulloblastoma	TF
10h30 – 11h00	Break	
11h00 – 12h00	Contouring for 3D CRT CSI – target and OAR	JP
12h00 – 12h30	Contouring for VMAT CSI – target and OAR	TN
12h30 – 13h00	Lunch	
13h00 – 14h00	Practical planning demonstration – CSI 3DCRT	JP
14h00 – 15h00	Practical planning demonstration- CSI VMAT	TN
15h00 – 15h30	Q&A	

Hours: 5.5

## Session 5: Thursday 1 December 2022 – Rhabdomyosarcoma

09h00 – 15h45

Time	Topic	Presenter
09h00 – 10h00	Overview and Treatment options	TN
10h00 – 10h30	Surgical considerations for H&N RMS	SP
10h30 – 11h00	Chemotherapy for RMS	AD/HdQ
11h00 – 12h15	Practical planning demonstration – H&N RMS (2 cases: 3D and VMAT) Contouring Planning Plan review	TN
12h15 – 13h00	Lunch	
13h00 – 13h30	Surgical considerations for paratesticular RMS	JL
13h30 – 15h00	Practical planning demonstration - abdominal RMS Contouring Planning Plan review	JW
15h00 – 15h30	Brachytherapy in RMS H&N Botryoid	JW
15h30 – 15h45	Closing	JP

Hours: 6