

Radiation Oncology Physics lectures 2011- 2012

No	Date/Time: 7:00-8:00am	Lecture	Faculty
1	Tuesday, September 13, 2011	Basic Brachytherapy I	JHuang
2	Tuesday, September 20, 2011	Basic Brachytherapy II	JHuang
3	Tuesday, September 27, 2011	Brachytherapy: Radioactive sources	P Rassiah
5	Tuesday, October 11, 2011	Brachytherapy: Calibration	J Huang
6	Tuesday, October 18, 2011	Brachytherapy: Radiation protection	J Huang
7	Tuesday, October 25, 2011	Regulations	P Rassiah
8	Tuesday, November 01, 2011	Radiation Shielding	V Sarkar
9	Tuesday, November 08, 2011	Imaging in radiation Oncology I - Film -screen,	H Zhao
10	Tuesday, November 15, 2011	Imaging in radiation Oncology III - CT,	H Zhao
11	Tuesday, November 29, 2011	Imaging in radiation Oncology IV - MRI	M Szegedi
12	Tuesday, December 06, 2011	Imaging in radiation Oncology II - EPID, DRR and Cone beam	V Sarkar
13	Tuesday, December 13, 2011	Imaging in radiation Oncology V - PET	V Sarkar
14	Tuesday, December 20, 2011	Quiz	J Huang
15	Tuesday, January 03, 2012	NO class New Year	
16	Tuesday, January 10, 2012	Ultrasound	B Wang
17	Tuesday, January 24, 2012	Image Processing	B Wang
18	Tuesday, January 31, 2012	Assesment of patient set up	J Huang
19	Tuesday, February 07, 2012	3D CRT and ICRU concepts	H Zhao
20	Tuesday, February 14, 2012	3D CRT: Optimisation and implication of treatment variabilities	H Zhao
21	Tuesday, February 28, 2012	IMRT I- delivery systems	B Salter
22	Tuesday, March 06, 2012	IMRT II- delivery systems	B Salter
23	Tuesday, March 13, 2012	IMRT V- Validations	B Wang
24	Tuesday, March 20, 2012	IMRT III - Dose prescription and inverse planning	B Salter
25	Tuesday, March 27, 2012	IMRT - IV	B Salter
26	Tuesday, April 03, 2012	Special procedures: TSE	P Rassiah
27	Tuesday, April 10, 2012	Quiz	B Wang
28	Tuesday, April 17, 2012	Special procedures: SRS	B Salter
29	Tuesday, April 24, 2012	Special procedures: TBI	M Szegedi
30	Tuesday, May 01, 2012	Informatics	B Salter
	Tuesday, May 08, 2012	Special procedures: SBRT	B Salter
31	Tuesday, May 15, 2012	Special procedures: SBRT II	B Salter
32	Tuesday, May 22, 2012	Particle therapy : Proton	M Szegedi
34	Tuesday, June 05, 2012	Particle therapy : Neutron	V Sarkar
35	Tuesday, June 12, 2012	Hyperthermia	V Sarkar
36	TBA	Radiopharmaceutical Physics and Dosimetry I	TBA
37	TBA	Radiopharmaceutical Physics and Dosimetry II	TBA
38	TBA	Radiation Incidents and Bioterrorism Response Training	Rad Health
37	TBA	Quiz and Discussion	P Rassiah