

Hong Kong College of Radiologists

Fellowship Basic Training Course (Radiology) – Physics 2022

Venues:

[†] Pao Yue Kong Auditorium, G/F, Hong Kong Academy of Medicine Jockey Club Building

[^] Lecture Theatre, 12/F, Block R, Department of Clinical Oncology, Queen Elizabeth Hospital

Date	Time	Lecture	Topic	Speaker
9 Jul 22	9:00am - 12:00pm	P05 Physics	Principles of medical diagnostic imaging	Dr. Carrison Tong
	2:00pm - 3:00pm [†]	P01 Mandatory lecture	* Formation and structure of HKCR	Dr. Lilian Leong
	3:15pm - 5:00pm [†]	P02 Mandatory lecture	* Good practice in radiology	
16 Jul 22	No lecture (to avoid clashes with Anatomy lecture)			
23 Jul 22	9:00am - 12:00pm	P09 Physics	Fluoroscopy with x-rays. Image formation, contrast agents, image quality, equipment performance & QC	Mr. Keith Kwan
	2:00pm - 3:30pm	P19 Physics mandatory lecture	* Radiation interactions, absorbed dose, biological effects, internal and external hazards (examinable by RCR)	Mr. Andy Cheung
30 Jul 22	9:00am - 12:00pm	P08 Physics	Radiography with x-rays. Image formation, image quality, equipment performance & QC	Dr. Thomas Choi
	2:00pm - 3:00pm	P22	Clinical Audit (Practical hints)	Dr. Ryan KL Lee
6 Aug 22	9:00am - 12:00pm	P10 Physics	Tomographic reconstruction. X-ray computed tomography, image quality, image processing, artifacts, equipment performance & QC	Mr. Adson Leung
	2:00pm - 4:30pm	P14 Physics mandatory lecture	* Radiation safety and protection in radiography and fluoroscopy with x-rays including interventional radiology. Highlights on staff protection in daily practices (examinable by RCR)	Mr. Sebastian Lee
13 Aug 22	9:00am - 12:00pm	P03 Physics mandatory lecture	* Nuclear magnetic resonance. Magnetic resonance imaging and safety (I)	Mr. Alvin Li
	2:00pm - 5:00pm	P04 Physics mandatory lecture	* Nuclear magnetic resonance. Magnetic resonance imaging and safety (II)	
20 Aug 22	9:00am - 12:00pm	P06 Physics	Physics of ultrasound. Imaging and safety (I)	Ms. Amy Leung
	2:00pm - 5:00pm	P07 Physics	Physics of ultrasound. Imaging and safety (II)	
27 Aug 22	9:00am - 12:00pm	P11 Physics	Radioactivity and properties of radiopharmaceuticals. Planar radionuclide imaging, equipment performance and QC	Mr. Teddy Tang
	2:00pm - 3:30pm	P15 Physics mandatory lecture	* Radiation safety and protection in CT, dose reduction techniques, low-dose CT scanners; emphasis on paediatrics (examinable by RCR)	Ms. Chris Yu
	3:30pm - 5:00pm	P16 Physics mandatory lecture	* Radiation safety and protection in the use of radioisotopes in imaging, management of the radioactive patients, handling of contaminations and radioactive waste (examinable by RCR)	Mr. Teddy Tang

Hong Kong College of Radiologists Fellowship Basic Training Course (Radiology) – Physics 2022

Date	Time	Lecture	Topic	Speaker
3 Sep 22	9:00am - 12:00pm	P12 Physics	SPECT & PET/CT. Image processing, equipment performance & QC	Mr. Teddy Tang
	2:00pm - 3:30pm	P13 Physics mandatory lecture	* International and local guidelines, rules and regulations on the safe use of medical radiation	Dr. Francis Lee
	3:30pm - 5:00pm	P21 Physics mandatory lecture	* Important international organizations concerned with radiation protection standards and trend of radiation protection in medical imaging	Dr. PM Wu
10 Sep 22	10:00am - 11:00am	P25	Audit and quality assurance	Dr. Victor Chan
	11:00am - 11:30am	❖Plain film 4	Plain film reading – Chest	Dr. WH Chong
	11:30am - 12:00pm	❖Plain film 2	Plain film reading – A&E Trauma	Dr. May Leng
	2:00pm - 5:00pm	P17 Physics mandatory lecture	* UK framework for ionising radiation protection (I) (examinable by RCR)	Mr. Andy Cheung
17 Sep 22	9:00am - 10:00am	P23 Mandatory lecture	* Iodine-based contrast media	Dr. Shiobhon Luk
	10:15am - 11:15am	P26 Mandatory lecture	* MRI contrast media	Dr. MK Yuen
	11:30am - 12:30pm	P27 Mandatory lecture	* USG contrast media	Ms. Pat Wong
	2:00pm - 5:00pm	P18 Physics mandatory lecture	* UK framework for ionising radiation protection (II) (examinable by RCR) & Introduction to HK framework for ionising radiation protection	Mr. Andy Cheung
24 Sep 22	2:00pm - 3:30pm	P20 Physics mandatory lecture	* Radiation safety and protection for female patients of childbearing age, pregnant women (staff and patients) and children	Mr. Alvin Li
	3:30pm - 5:00pm	P24 Physics mandatory lecture	* Management of radiation incidents – inadvertent exposures of foetus, patient, staff and member of public; cancer risk estimation, counselling, medical management of any acute exposure	Dr. Francis Tang
1 Oct 22	Public Holiday (National Day)			
8 Oct 22	2:00pm - 3:30pm	P28 Physics mandatory lecture	* Good and bad radiation protection practices - flashcards for daily practices	Dr. Sunny Tse
	3:30pm - 4:00pm	❖Plain film 3	Plain film reading – Foot and Ankle	Dr. Bill Lo
	4:00pm - 4:30pm	❖Plain film 1	Plain film reading – Pelvis	Dr. Stephen Kwok
15 Oct 22	2:00pm - 4:00pm [^]	Mandatory	* MCQ Test on Radiation Protection	Dr. Francis Lee

*These Mandatory Lectures would apply to all those trainees who commence the radiology training since 1 July 2014, and they would be required to attend once before attempting for Exit Assessment. These lectures are opened to all College's members for attendance free of charge.

Hong Kong College of Radiologists

Fellowship Basic Training Course (Radiology) – Physics 2022

^†The mandatory lectures on 9 July & 15 Oct 2022 would be conducted physically. All other lectures would be conducted virtually via Zoom platform.

An MCQ test for all radiation protection lectures (P13 – P21, P24, P28) will be conducted on 15 October 2022.

** Plain film reading lectures (Plain film 1 – 4) would not be counted in the attendance rate of Fellowship Basic Training Course (Radiology) – Physics.*

In case of Black Rainstorm Warning or after hoisting of Typhoon Signal No. 8 or above, lectures will be postponed until further notice.

#The timetable is subject to change.