Cancer Genetics Course Programme 2019



Monday 3 rd June	Tuesday 4 th June	Wednesday 5 th June	Thursday 6 th June
09:30 Welcome, module overview	09:30 Risk assessment in Breast and Ovarian cancer	09:30 Bowel cancer genetics	09:30 Consent taking for genetic testing and ethical implications
09:45 Cancer Biology Review online coursework	10:00 Risk assessment in Breast and Ovarian cancer practice session	10:00 Risk assessment in Bowel cancer	
10:20 Refreshments and networking	10:30 Refreshments and networking	10:30 Refreshments and networking	10:30 Refreshments and networking
Taking and drawing a family tree in cancer	11:00 BRCA and HR deficiency	11:00 Risk assessment in Bowel and related cancer practice session	11:00 Risk assessment and consenting practice session
	11:30 Hereditary breast cancer (panel test- moderate penetrance genes)	11:30 MMR deficiency/Lynch syndrome (NICE pathway)	
12:00 Lunch and networking	12:30 Lunch and networking	12:00 Lunch and networking	12:00 Lunch and networking
13:00 Principles of Family History Assessment	13:30 Hereditary ovarian cancer (panel test- moderate penetrance genes)	13:00 Management of Lynch syndrome	13:00 Overview of new service and background of lab reconfiguration and 100K project
13:30 Case study 1 discussion	14:00 Management of familial breast and ovarian cancer	13:30 Polyposis syndromes and management	13:30 How to request genomic tests and refer to genetic services – useful contacts and links
14:00 Indications for germline testing on basis of somatic results	14:30 Current issues in Breast and Ovarian cancer management	14:00 Rare cancer predispositions	14:00 Technological approaches – NGS panels, paired tumour and germline WGS (aka 100K)
14:30 Joint working models within secondary and primary care (Family History clinics, Embedded models, MDTs, MDC, Mainstreaming)	15:00 Case study 2 discussion	14:30 Reproductive options in hereditary cancer	14:45 The role of genomic registries in healthcare
15:30 Introduction to work-based learning	15:15 Genetic results-Common challenges (VUSs, mosaicism and incidental findings)	15:15 Case Study 3 discussion	15:30 Closing and Feedback

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DRINKS RECEPTION	

Course preparation tasks:

- 1. Cancer Biology slides please read and familiarise yourself with the content this will be covered during the course as well.
- 2. Case study 1: Psychosocial aspects in familial cancer please read and think about the discussion points.
- 3. Case study 2: Ethical aspects in familial cancer please read and think about the discussion points.

Written course assessment:

Level 6 – a 3500 word discussion of an assigned case study relevant to your practice

Level 7 – a 6000 word discussion of an assigned case study relevant to your practice