

Virtual Cancer Genetics Course 20/21		
Dates	Session title and Speakers	Learning Objectives
<p><b>DAY 1</b></p> <p><b>Monday, 2 November 2020</b></p> <p>Time: 9:00am – 12:00pm</p>	<p><b>Introduction: genetic counselling and mainstreaming, cancer biology, cancer susceptibility and pedigree drawing</b></p> <p><b>Work-based learning session 1: Introduction</b></p> <p><i>GSTT Speakers: Sarah Rose (Principal Genetic Counsellor) and Alice Coulson (Genetic Counsellor)</i></p> <p><i>GSTT Moderator: Amy Goldman (Genetic Counsellor)</i></p>	<p>Understand the role of mainstreaming in cancer care</p> <p>Understand basic genomic concepts and their role in cancer development e.g. DNA, genes, somatic vs germline changes, inheritance patterns</p> <p>Take an accurate and comprehensive family history considering genomic and environmental influences and risk factors</p>
<p><b>DAY 2</b></p> <p><b>Tuesday, 3 November 2020</b></p> <p>Time: 9:30am 11:30am</p>	<p><b>Breast and ovarian cancer susceptibility including polygenic risk scores and risk tools</b></p> <p><i>GSTT Speakers: Vishakha Tripathi (Consultant Genetic Counsellor) and Anjana Kulkarni (Consultant in Cancer and Clinical Genetics)</i></p> <p><i>GSTT Moderator: Alice Coulson (Genetic Counsellor)</i></p>	<p>Critically discuss the influence of cancer genetics in the development of breast and ovarian cancer</p> <p>Understand management and psychosocial implications of identifying a cancer susceptibility mutation in a family</p> <p>Appreciate the role of genomic testing in guiding the clinical pathway for breast and ovarian cancer patients</p>
<p><b>DAY 3</b></p> <p><b>Monday, 7 December 2020</b></p> <p>Time: 9:30-11:30am</p>	<p><b>Bowel and gynaecological cancer susceptibility including sample reports</b></p> <p><i>GSTT Speakers: Anjana Kulkarni (Consultant in Cancer and Clinical Genetics) and Vishakha Tripathi (Consultant Genetic Counsellor)</i></p> <p><i>GSTT Moderator: Alice Coulson (Genetic Counsellor)</i></p>	<p>Critically discuss the influence of cancer genetics in the development of bowel and gynaecological cancers</p> <p>Understand management and psychosocial implications of identifying a cancer susceptibility mutation in a family</p> <p>Appreciate the role of genomic testing in guiding the clinical pathway for bowel and gynaecological cancer patients</p>
<p><b>DAY 4</b></p> <p><b>Tuesday, 8 December 2020</b></p> <p>Time: 9:30-11:30am</p>	<p><b>Rarer cancers and precision oncology</b></p> <p><i>GSTT Speakers: Sarah Rose (Principal Genetic Counsellor), Devon Haynes (Principal Genetic Counsellor) and Anjana Kulkarni (Consultant in Cancer and Clinical Genetics)</i></p> <p><i>GSTT Moderator: Amy Goldman (Genetic Counsellor)</i></p>	<p>Recognise patterns suggestive of rare cancer predisposition syndromes in a patient's personal or family history</p> <p>Understand the utility of targeted therapies in different tumour types</p> <p>Evaluate when somatic testing may indicate referral for an assessment of inherited susceptibility to cancer</p>

<p><b>DAY 5</b></p> <p><b>Monday, 11 January 2021</b></p> <p>Time: 9:30-11:30am</p>	<p><b>Principles of genomic testing part 1: types of tests and implications, consent in genomics including result interpretation and delivery</b></p> <p><i>GSTT Speakers: Vishakha Tripathi (Consultant Genetic Counsellor) and Alice Youngs (Genetic Counsellor)</i></p> <p><i>GSTT Moderator: Amy Goldman (Genetic Counsellor)</i></p>	<p>Understand the different types of genomic tests (e.g somatic vs germline, predictive vs diagnostic)</p> <p>Be able to undertake a consent conversation genomics and understand how this may differ from consent for other medical interventions</p>
<p><b>DAY 6</b></p> <p><b>Tuesday, 12 January 2021</b></p> <p>Time: 9:30-11:30am</p>	<p><b>Principles of genomic testing part 2: counselling and communication skills in genetics including ethical considerations and reproductive options</b></p> <p><i>GSTT Speakers: Vishakha Tripathi (Consultant Genetic Counsellor) and Alice Coulson (Genetic Counsellor)</i></p> <p><i>GSTT Moderator: Amy Goldman (Genetic Counsellor)</i></p>	<p>Recognise appropriate ways to communicate genomic information with patients</p> <p>Recognise ethical issues around genetic testing and impact on the wider family</p> <p>Describe reproductive options available for patients with cancer susceptibility syndromes</p>
<p><b>DAY 7</b></p> <p><b>Monday, 1 February 2021</b></p> <p>Time: 9:30-11:30am</p>	<p><b>Cancer genetics in practice (NHS), future of genetics and research</b></p> <p><i>GSTT Speakers: Anjana Kulkarni (Consultant in Cancer and Clinical Genetics) and Sarah Rose (Principal Genetic Counsellor)</i></p> <p><i>GSTT Moderators: Amy Goldman and Alice Coulson (Genetic Counsellors)</i></p>	<p>Work-based learning session 2: Developing a learning plan</p> <p>Understand current landscape of genomic practice in the UK</p> <p>Current research</p>
<p><b>DAY 8</b></p> <p><b>Tuesday, 2 February 2021</b></p> <p>Time: 9:30-11:30am</p>	<p><b>Problem based learning workshop</b></p> <p><i>GSTT Speakers: Sarah Rose (Principal Genetic Counsellor), Amy Goldman (Genetic Counsellor), Devon Haynes (Principal Genetic Counsellor), Alice Youngs (Genetic Counsellor) and Alice Coulson (Genetic Counsellor)</i></p> <p><i>GSTT Moderators: Vishakha Tripathi (Consultant Genetic Counsellor) and Anjana Kulkarni (Consultant in Cancer and Clinical Genetics)</i></p>	<p>TBC based on experiences from previous sessions</p>