

Paediatric Cancer Whole Genome Sequencing Meeting

Thursday 14th July 2022 (via zoom)

09:00 to 09:15	Introduction to meeting and pre-meeting survey results <i>Chairs: Dr Ruth Armstrong (Cambridge) and Dr Helen Hanson (London)</i>
AM Session: Expert talks	
09:15 to 09:45	What is a WGS test, what can we detect and what can we miss? ➤ Dr Patrick Tarpey <i>Cambridge</i>
09:45 to 10:05	Challenges in implementation of WGS from a pathology perspective ➤ Dr John Tadross <i>Cambridge</i>
10:05 to 10:20	Discussion and questions
10:20 to 10:35 Break	
<i>Chairs: Dr Emma Woodward (Manchester) and Bev Speight (Cambridge)</i>	
10:35 to 11:15	Challenges in implementation of WGS from a germline perspective ➤ Dr Ruth Armstrong <i>Cambridge</i> and Dr Emma Woodward <i>Manchester</i>
11:15 to 11:45	Clinical utility and implementation challenges of WGS from a Paediatric Oncology perspective ➤ Dr Sam Behjati <i>Cambridge</i>
11:45 to 12:00	Discussion and questions
12:00 to 12:30	Consent and Confidentiality ➤ Dr Alison Hall <i>PHG Foundation</i>
12:30 to 13.00	Interpretation, reporting and unexpected findings guidelines ➤ Sandra Hing and Rachel Mein <i>NHSE</i>

13:00 to 13:15	Discussion and questions
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13:15 to 13:45 Lunch Break	
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PM Session: Discussion and future plans	
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13:45 to 13:50	Morning Summary and plan for afternoon <i>Dr Ruth Armstrong (Cambridge) and Dr Helen Hanson (London)</i>
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13:50 to 14:05	Overview of ACGS best practice guidelines on variant classification and reporting ➤ Dr Terri McVeigh <i>RMH</i>
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14:05 to 14:35	Group discussion and polls: Additional findings and carrier status Case scenarios: Dr Ruth Armstrong Chairs: <i>Dr Emma Woodward and Dr Helen Hanson</i>
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14:35 to 14:50 Break	
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14:50 to 15:10	Group discussion and polls: How can Clinical Genetics help challenges in implementation of WGS? Chairs: <i>Dr Ruth Armstrong and Dr Helen Hanson</i>
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15:15 to 15:45	Group discussion and poll: When should a genetic diagnosis be pursued? (variant evaluation, orthologous testing, considerations for genetics referral following WGS) Case scenarios: Dr Helen Hanson Chairs: <i>Dr Ruth Armstrong and Dr Terri McVeigh</i>
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15:45-16:00	Round up of key outcomes and actions
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