

Spotlight lecture:

Whole Genome Sequencing: Why, when, and what can it tell you?

Wednesday 8 June 2016, 2:30-3:30pm
Heartbeat Lecture Theatre, F level, North wing

Speaker: Dr Gillian Crawford,
Principal Genetic Counsellor (Wessex Clinical
Genetics Service) and Clinical Research Fellow
(University of Southampton)

**Have you thought about the fact some of your patients
are having their genome sequenced right now...**

What does this mean?

What kind of results does this produce and what should be done about the findings?

What should I discuss with the patient?

What about unexpected findings?

What might this mean for relatives?

Genomic tests that look at the patient's whole genome are now replacing targeted genetic tests that investigated specific genes or regions. This technological advance is to be welcomed but complexities around interpretation need to be addressed. As this type of testing moves from the laboratory bench to the bedside clinicians need to know about the issues this type of testing brings and how to inform individuals and their relatives about a new genetic diagnosis or predisposition to disease.

This lecture will focus on Gillian's recent NIHR Clinical Fellowship exploring how patients and health professionals understand the concept of incidental findings from genomic tests. Southampton is one of 13 centres taking part in the 100 000 genomes project so the implementation, interpretation and communication of genome testing is something we all need to consider in our clinical practice.

This event will be hosted by Rosemary Chable, Deputy Director of Nursing, Education & Workforce

The lecture is free to attend but spaces are limited. To book your place, please email
laura-marie.smith@uhs.nhs.uk . Arrival is from 2:00pm with
refreshments for a 2:30pm start