

# Wessex Genomic Medicine Centre (GMC): Delivering the 100,000 Genomes Project across Wessex



## What was delivered in 2017-18?

Wessex GMC has now submitted 4,000 samples into the national 100,000 Genomes Project; a major drive to improve the diagnosis and treatment of rare disease and cancer for patients.

The majority of these are through University Hospital Southampton NHS Foundation Trust (UHS); the following trusts are also part of the project, as Local Delivery Partners, to help reach more patients:

- Portsmouth Hospitals NHS Trust
- Royal Bournemouth and Christchurch NHS Foundation Trust
- Hampshire Hospitals NHS Foundation Trust
- Southern Health NHS Foundation Trust
- Solent NHS Trust
- Isle of Wight NHS Trust
- Dorset HealthCare University NHS Foundation Trust
- Poole Hospital NHS Foundation Trust
- Salisbury NHS Trust



**4,000 samples**  
into the 100,000  
Genomes Project

Recruitment of patients to the 100,000 Genomes Project ends in September 2018. We have supported Wessex GMC to produce engagement materials, such as posters, banners, and 'How to' guides for clinicians. These have been used at exhibitions and events regionally and nationally.

## Public engagement

The AHSN identified, planned, and delivered an opportunity for in-depth public education on the project through the Café Scientifique network, Pint of Science and U3A networks:



across **90-minute**  
dedicated events



reaching  
**435 people**



in **seven of our**  
towns and cities.

## Professional engagement

Wessex AHSN has helped spread our innovative ideas across other GMCs contributing our ideas, approaches and materials at a national level.

We've held major 'onboarding' events for Local Delivery Partners in May and September 2017, attended by 100 and 60 delegates respectively. Encouraging engagement has been followed by increased patient recruitment into the project. We also support an extensive genomics education programme for health professionals and student clinicians, delivered via consultant geneticists, engagement and clinical ethics leads.

## Patient engagement

We've worked with patient organisations to hold an information event for over 30 parents of children with undiagnosed genetic conditions.

Our social media channels share patient stories and support national campaigns from Genomics England. Two participant story films have been created for Wessex GMC by the AHSN communications team, and launched nationally to highlight the life-changing impact of genome sequencing. To date, they've received a **combined total of 800 plays and almost 27,500 views**.

## What's planned for 2018-19?

- To mark the end of the 100,000 Genomes project, we will be celebrating regional achievements and looking to the future at a high profile Wessex event in October.
- The 100,000 Genomes Project has created the infrastructure needed to mainstream genome sequencing into a new national Genomic Medicine Service for the NHS.
- The Wessex GMC structure is integral to the network of Genomic Laboratory Hubs, which will be rolled out from October 2018.

To find out more about the role of genomics in the region's health system, please contact:  
[genomicsrd@uhs.nhs.uk](mailto:genomicsrd@uhs.nhs.uk)  @WessexGMC #Genomes100K or visit [uhs.nhs.uk/WessexGMC](http://uhs.nhs.uk/WessexGMC)