

## I'm a doctor. Why do I need to know about genomics?

All Doctors need to be able to talk to patients about genomics. It is included in the Academy of Medical Royal Colleges Genomics Syllabus: [www.aomrc.org.uk/](http://www.aomrc.org.uk/)

### Where does genomics feature in everyday medical practice?

- **Family history:** When your patients talk about their family history can you recognise the likelihood of inherited conditions? Do you know how to advise them?
- **Access to diagnostic genomic testing:** Genomic testing is available for eligible patients with diabetes, cardiac disease, cancer and much more. Many paediatric disorders are diagnosed by genomic testing. Are you able to request tests, understand and explain results and know onward referral pathways?
- **Targeted treatment:** Did you know that a genetic diagnosis might guide treatment, surveillance and access to clinical trials? Pharmacogenetics may have implications for your patients.
- **Research:** Genomics is an integral part of translational research, within projects such as [www.nhs-galleri.org](http://www.nhs-galleri.org) and [ourfuturehealth.org.uk](http://ourfuturehealth.org.uk)

# I'm a doctor. Where can I learn more about genomics?

Explore the many free online courses and resources at:



## NHSE Genomics Education Programme

[genomicseducation.hee.nhs.uk](https://genomicseducation.hee.nhs.uk)

Online courses and tools, including GeNotes case-study-based resources.



## e-Learning for Healthcare

[e-lfh.org.uk](https://e-lfh.org.uk)

Relevant courses include Genomics 101, Genomics in clinical practice conversations.



**GeNotes**

## GeNotes

<https://www.genomicseducation.hee.nhs.uk/genotes/in-the-clinic>

This educational resource to support you in the clinic includes endocrinology, oncology, neurology, paediatrics and others.



## Future Learn

[futurelearn.com](https://futurelearn.com)

Many courses are free if completed within a specific timeframe.

Explore the National Genomic Test directory:

[england.nhs.uk/publication/national-genomic-test-directories/](https://england.nhs.uk/publication/national-genomic-test-directories/)

Find out more about the National Genomic Research Library:

[genomicsengland.co.uk/patients-participants/data](https://genomicsengland.co.uk/patients-participants/data)

[centralsouthgenomics.nhs.uk](https://centralsouthgenomics.nhs.uk)

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