

The 100,000 Genomes Project Eligibility Wheels Guide

These Eligibility Wheels have been designed as a simple guide to help clinicians identify potential participants to join the 100,000 Genomes Project. The wheels bring together conditions that would be seen by a physicians in a clinic setting, for example, a consultant in metabolic medicine / chemical pathology may see patients with familial hypercholesterolemia.

Using the eligibility wheels:

- Find and download the wheel(s) containing your patient's condition
 - For example, the cardiology wheel for a patient with familial hypercholesterolemia
- Eligible conditions are in the red inner segment
 - For example, your patient has familial hypercholesterolemia
- Your patient must meet all of the inclusion and exclusion criteria in the green and orange segments. This may include family history and your ability to recruit family members
 - For example, a patient with familial hypercholesterolemia needs to meet all of the Simon Broome criteria, have no secondary causes of abnormal LDL-C, not have a raised fasting plasma triglyceride level and not have a family history that follows recessive inheritance.
- If part of your standard practice, you may consider the advised genetic testing for your patient in the outer blue segment
 - For example, for a patient with familial hypercholesterolemia this would be LDLR, APOB and PCSK9 and polygenic risk 12-SNP gene score.