### Clinical Genetics EQA

- Single sequential online case
- Multi-stage case scenario
- Based on real clinical case
- 6 weeks to submit results
- Case compiled by a Clinical Geneticist
- Detailed instructions provided
- Summary report and individual centre report provided
- Marking criteria based on professional guidelines

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<tr>
<th>EQA</th>
<th>Type of EQA</th>
<th>Sample Type</th>
<th>Testing</th>
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<tbody>
<tr>
<td>Cardiovascular</td>
<td>Educational sequential case scenario</td>
<td>Online</td>
<td>Clinical diagnosis, analysis of test results and</td>
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<td>Genetics</td>
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The Educational EQAs are multi-stage case scenarios following the patient pathway from first consultation and request of appropriate genetic test(s), through interpretation of test results, and finally to correct diagnosis and counselling of the patient.

The case scenarios are based on a real clinical cases, as presented to the clinical geneticist who compiled the case.

For further information on these EQAs contact us at [info@genqa.org](mailto:info@genqa.org)

Please see overleaf for more EQA information

Email: info@genqa.org
For further information, please contact us at info@genqa.org
Registration for all GenQA EQAs for 2020 will open in September 2019

The EQA Cycle

1. Receive validated EQA material plus clinical questions
2. Analyse material using routine procedures
3. Upload genotyping results
4. Expert evaluation of submissions
5. Compare laboratory performance (benchmark)
6. Education/Internal review/Quality improvement

GenQA EQA Specialties

- Molecular Genetic Disorders
- Molecular Rapid Aneuploidy (MRA)
- Molecular Pathology
- Sample Handling: DNA extraction & quantification
- Newborn Screening
- Non-Invasive Prenatal Testing (NIPT)
- Haematological Neoplasms
- Technical: Next Generation Sequencing
- Constitutional Postnatal Testing
- Constitutional Prenatal Testing
- Clinical Genetics
- Individual Competency Assessment (G-TACT / Tissue-i)

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