



GenQA has developed an online tool to provide continuing competency assessment of the ability of individuals working in laboratories to perform both routine and non-routine tasks:

Genetics Training Assessment and Competency Tool (G-TACT)

The system introduces errors or problems to expose the participant to challenging scenarios e.g. handling of samples which are not fit for purpose or analysing and reporting sub-optimal results.



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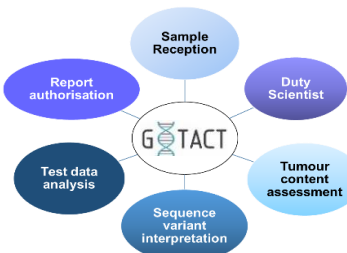


Welcome to GenQA



- **Easy Access / Interactive:** Enter the virtual laboratory through www.genga.org and select which scenario to complete
- **Work at your own pace:** Participation is active throughout the year
- **Randomly-generated scenarios:** No two individuals will complete the exact same task
- **Automated assessment:** G-TACT assigns scores based on the participant's handling of the scenario
- **Training / Performance Reviews:** Tailor scenarios to local testing policy or the individual's training needs

The scenarios provided within G-TACT:



Examples of routine tasks being assessed include:

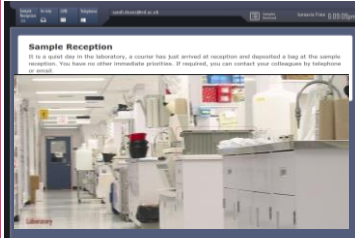
- logging a sample into a Laboratory Information Management System (LIMS)
- dealing with service users requests, prioritising workloads and assigning tests
- analysing and interpreting test results
- interpretation of sequence variants (**NEW**)
- authorising clinical reports
- assessing tissue sample tumour content and cellularity

G TACT



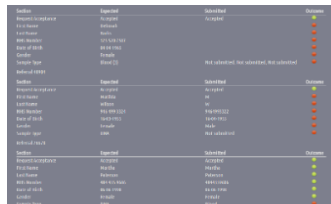
SAMPLE RECEPTION SCENARIO:

Enter the virtual laboratory and navigate to Sample Reception



RESULTS DASHBOARD:

Review outcomes and frequency of participation with local line manager using the individual performance dashboard to determine competency and identify training needs



UPCOMING FREE TRIALS FOR 2019:

- **Single Nucleotide Variant (SNV) interpretation (trial):**
Online competency assessment module for classifying the pathogenicity of five SNVs.
- **Copy Number Variant classification (trial):**
Online competency assessment module for classifying the pathogenicity of five CNVs.
- **Haematological Malignancies classification (trial):**
Online competency assessment module for classifying the pathogenicity of five variants

PARTICIPATION

Full details are available on the website.

If you wish to participate in any of the EQAs provided or require further information, then please contact the Scheme.

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