FMH Update

Katy Veale

UK NEQAS (BTLP)
FMH update

• Changes
• Scheme redesign
• Future plans
• What I’ve learnt
• Material preparation
• Questions for you
FMH now part of BTLP

UK NEQAS
Haematology and Transfusion

Accreditation

West Hertfordshire Hospitals NHS Trust, operating UK NEQAS Haematology and Transfusion, is a UKAS accredited proficiency testing provider, No 7805 (BS EN ISO/IEC 17043:2010). A copy of the UKAS Accreditation Certificate is available to download here.

Who we are and what we do

The schemes provided by UK NEQAS Haematology and Transfusion are members of the UK National External Quality Assessment Service (UK NEQAS), a registered charity offering external quality assessment (EQA) services across all pathology disciplines. The primary aim of UK NEQAS is to maintain and improve performance of diagnostic testing at a high level of proficiency, wherever testing is performed. Participation in EQA is an established part of Quality Assurance and is actively encouraged by professional bodies.

General Haematology

1711NH *closes* in 1 day
(click for data entry and reports)

Blood Transfusion Laboratory Practice

1718ABOT3 *closes* in 5 days
(click for data entry and reports)

Feto-Maternal Haemorrhage

There are no *open* distributions
(click for data entry and reports)
Scheme Redesign

SCREEN
Acid Elution or Flow Cytometry

SCREEN negative → QUANTIFICATION
Acid Elution or Flow Cytometry

SCREEN positive → QUANTIFICATION
Acid Elution or Flow Cytometry

3 PATHWAYS
Screen only
Screen (+Quant)
Quantification only

RESULT ENTRY
Aims

• Acid elution screen / flow cytometry quantification in one registration
• Prevent potential for collusion
• Flow cytometry screen incorporated
• Target bleed volumes for technique
IT changes for you

• PRN – 1 per lab
• Data entry website
• Report layout
**IT changes for you**

### Performance Summary

**Your registration: Screening and Quantification by Acid Elution**

<table>
<thead>
<tr>
<th>Performance Summary:</th>
<th>Penalty Score this exercise</th>
<th>Cumulative Score</th>
<th>Cumulative Performance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-return penalty</td>
<td>0</td>
<td>0</td>
<td>Satisfactory</td>
</tr>
<tr>
<td>Late return penalty</td>
<td>0</td>
<td>0</td>
<td>Satisfactory</td>
</tr>
<tr>
<td>Participation score</td>
<td>0</td>
<td>0</td>
<td>Satisfactory</td>
</tr>
<tr>
<td>Analytical performance</td>
<td>0</td>
<td>36.0</td>
<td>Satisfactory</td>
</tr>
<tr>
<td>Outlying result performance</td>
<td>0</td>
<td>0</td>
<td>Satisfactory</td>
</tr>
<tr>
<td>Clinical Significance performance</td>
<td>0</td>
<td>0</td>
<td>Satisfactory</td>
</tr>
</tbody>
</table>

**Accuracy of quantification**
Future plans

- Bleed volumes reviewed for 2018
- Always to include “Aims” in report
- Material to mimic sample issues
  - ?WBCs
  - ?D variants
  - ?Haemaglobinopathies
What I’ve learnt

• Microscope set up - AE
• Loads about spreadsheets
• UoM
• Turn around times
• Proof reading
• Overseas practice
• EQA is a lot of work (for everyone!)
• There a lot of right ways to do things
FMH Material Preparation

• Planning
• Ordering material
• Pre-acceptance
• Pooling
• Bottling
• Data
• Reports
Questions for you

• AE course??
• AE images??
• Reflective sheet??
• FC Screen??
Any Questions?

btlp@ukneqas.org.uk

https://www.surveymonkey.co.uk/r/UKNEQASacidelutioncourse