

UK NEQAS Developments

Yvonne John

UK NEQAS General Haematology Service Manager

Introduction of Staff: Oct 2017 to Sept 2018

- ▶ Service Manager Yvonne John
- ▶ Morphology Lead Jon Sims
- ▶ Haemoglobinopathy Lead Duljeet Chohan
- ▶ Senior EQA Scientist Julia Mahesan and Vatsala Soni
- ▶ EQA Scientists Nikki Emodi and Zeno Abid
- ▶ AP support staff Gulala Karim and Paula Dynes
- ▶ lab assistant James Hindell

Previous plans for improving our services

- ❖ Implementation of our new mixing and dispensing system
- ❖ Review and report of the 2017 participants questionnaire
- ❖ Modernisation/ streamlining our goods in, goods out process
- ❖ POCT WBC/DIFF scheme for 2018

What's New for 2018/2019



- ▶ Barbara Wild who was instrumental in developing the Haemoglobinopathy Scheme
- ▶ Vatsala Soni, Senior EQA Scientist
- ▶ Julia Mahesan, Senior EQA Scientist

Introduction of New Staff: From Sept 2018 to Date

▶ Senior EQA Scientist

Sheetal
Karunanandarajah

▶ EQA Scientist

Joana
Louerio

▶ AP support staff

Alexandra
Makin

GF PILOT

The lead scientist on the project is
Joana Louerio

GF PILOT

Stage 1:

Consisted of testing 6 EBV positive samples (of varying degrees of positivity) on a variety of kits both in-house and via our general advisory committee

We were able to determine that the sourced material works and are now ready to start our pre-pilot work

GF PILOT

Stage 2:

Moving into Pre-Pilot phase

In August I emailed over 200 UK participants registered on our FB scheme asking you to express your interest in taking part in pre-pilot stage

Not surprisingly we were inundated with responses from labs who wish to be included

GF PILOT

We are in the process of reviewing the expressions of interest and variety of kits being used

We want to have a good selection of around 20–30 labs testing a range of kits

Once we have made our selection Joana will be in touch again soon

HAEMOCUE WBC/DIFF PILOT

The lead scientists on the project is Nikki Emodi

HAEMOCUE WBC/DIFF PILOT

We validated the potential EQA material;
This involved obtaining 50 patient samples that had been analysed on a DxH500 analyser and analysing these samples on our Hemocue WBC and WBC/DIFF machines

The results were very comparable and we are confidently moving into stage 2

HAEMOCUE WBC/DIFF PILOT

Radiometer are assisting with finding users of the Hemocue WBC/ DIFF machine who will be happy to take part in our pre-pilot work

Once the expressions of interest have been received we will start to prepare the material to send out to these participants

Both the GF and Hemocue pilots will be set up on-line so that results can be returned and reports issued electronically

PK PILOT

The lead scientists on the project are;
Barbara De la Salle
Duljeet Chohan and
Zeno Abid

PK PILOT

This is a high level specialist international scheme which will be operated in the same way was the DN diagnostics scheme

We are working in collaboration with the Euroblood Net organisation as they are keen to develop an EQA scheme

Euroblood Net is a network set up to co-ordinate the testing and diagnosis and support of patients with rare haematological disorders (which has an oncological and non-oncological arm)

PK PILOT

We have sourced all reagents and set up test in-house

We are planning 2 pre-pilot exercises,

- 1 with small number of labs in the UK and Europe and
- 2nd pre-pilot with up to 20 labs in the early part of next year to scale up the exercise

We hope to offer this as a pilot scheme for the 2019/20 distribution year

PK PILOT

More information can be obtained from the Euroblood Net and the PKDeep websites

Euroblood Net

<https://www.eurobloodnet.eu/>

PKDeep

<https://www.eurobloodnet.eu/radeep/pkdeep>

MORPHOLOGY

We are working on;

Implementating analytical performance scoring for the Parasitology identification scheme

- this is to capture participants who misdiagnose P.falciparum and P knowlesi
- currently participants are notified if they have misdiagnosed P.Fal or report an out of consensus Parasitaemia

MORPHOLOGY

Implementing scoring for our RD scheme

Implementing graphical representation of data on the manual differential reports

Implementing the BF analytical scoring inc working on the report format

MORPHOLOGY

The RD, DF, CY reports are also now online

We are proud to announce that we will be launching our new digital morphology platform which will be presented later in this afternoons programme

summary

We are progressing with the plans set from 2017

With the growth of our team we are on schedule to starting new pilots in the next few months and will move into the full pilots for the 2018/19 distribution schedule