

Weqas
Unit 6, Parc Tŷ Glas
Llanishen, Cardiff, CF14 5DU

Tel: 02920 314750
Email: contact@weqas.com

Weqas

GLOBAL PROVIDER OF QUALITY
IN DIAGNOSTIC MEDICINE



EXTERNAL
QUALITY
ASSESSMENT



INTERNAL
QUALITY
CONTROL



REFERENCE
MEASUREMENT
SERVICES



EDUCATION &
TRAINING

Weqas Connect Updates

Samantha Jones

Presentation Summary

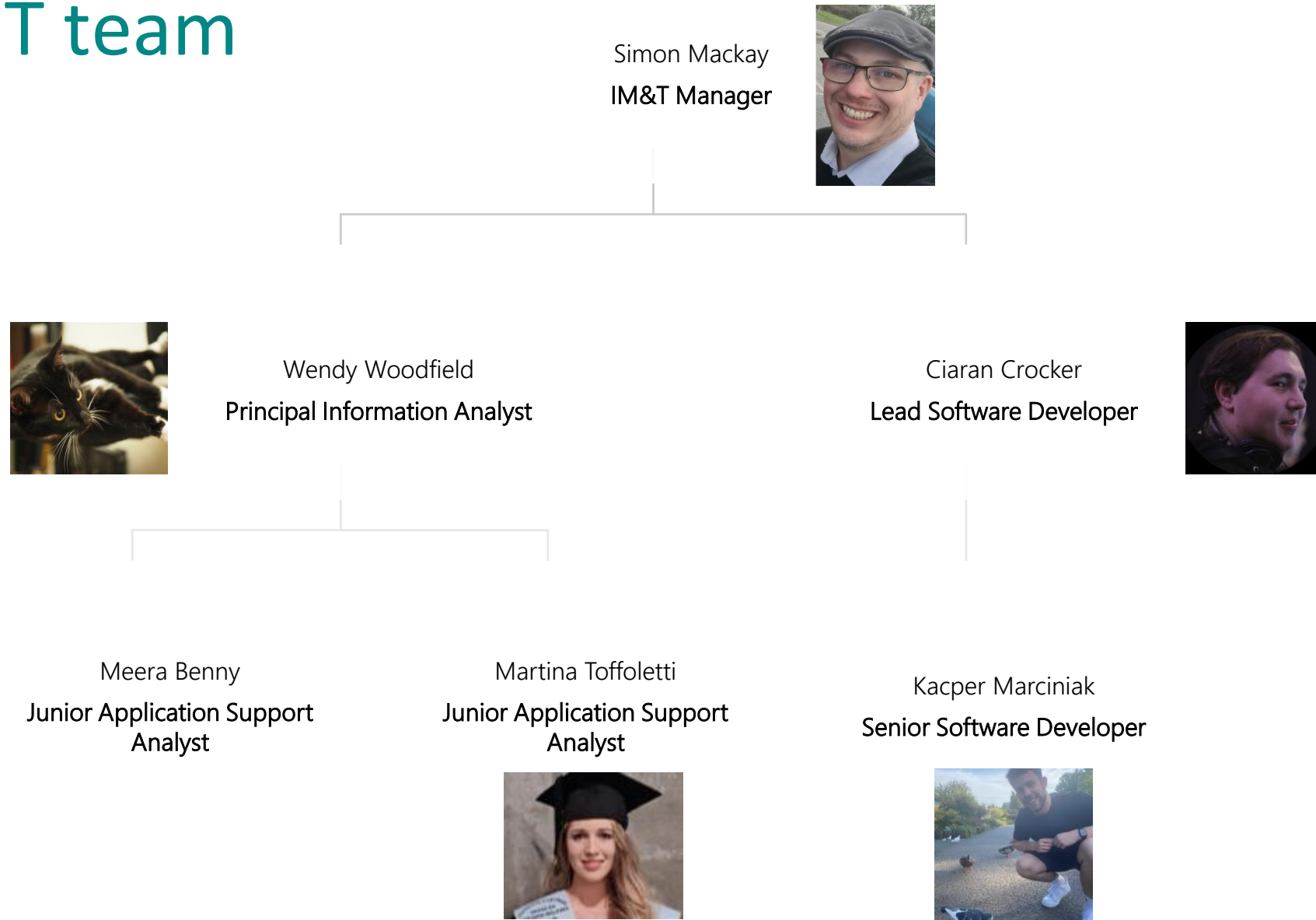
- ❖ Our IT team

- ❖ Programme migration
 - Glucose migration
 - Cuesee end of life
 - Future migration

- ❖ Portal development 2024 and beyond



Our IT team



One portal for all programmes – Weqas Connect

The screenshot displays the Weqas Connect web portal. On the left is a navigation sidebar with a 'Weqas' header and a list of menu items including 'Logout', 'Home', 'PDF Report Prefs', 'Queued Jobs', 'Distributions', 'Users', 'Pools', 'Materials', 'Analytes', 'Regions', 'Reports', 'Methods', 'Manufacturers', 'Suppliers (C & R)', 'Instruments', 'Sections', 'Scheme Admin', 'Lab Orders', 'Prices', 'Site Text', 'Audit', 'Add Lab', 'Add Region', 'Mailer', 'Utilities', and 'Report Statuses'. Below the menu is a 'Find Lab' search box and a copyright notice '© Weqas 2001 - 2022'. The main content area features the 'Weqas Connect' logo, contact information (office@weqas.com, +44 (0) 2920 314750), and a navigation bar with links for 'Home', 'Instruments', 'Participants', 'Distributions', 'Reports', and 'Users'. A user profile 'Adam1@CCCC' is visible in the top right. The central banner shows a hand pipetting into a multi-well plate, with a 'Participant Home' button overlaid. Below the banner are four main sections: 'Instruments' (with a sub-button 'Instruments'), 'Programme Registrations' (with a sub-button 'Registrations'), 'Submit results', and 'Download reports'. On the right side, a 'participant' login form is shown with fields for 'username' and 'password', and a 'log-in' button.

Weqas Interactive

POCT Interactive (CueSee)

Weqas Connect

Glucose Migration 2024

Glucose & Ketones is by far the largest programme in terms of data points and participant numbers. This programme was key to moving forward with the retirement of the CueSee portal. Migration occurred in a step by step fashion (one manufacturer cohort at a time) to ensure participants, manufacturers and Weqas had sufficient time to collate data for upload.

- Participant data reviewed and cleansed as part of migration to Weqas Connect
 - ✓ Instrument information updated
 - ✓ Contact information updated
 - ✓ User contacts and access levels agreed
 - ✓ User preferences agreed and rolled out
- Old manufacturer specific coding retired and new WQ codes created.
- Groups and SuperGroups created to allow one view across entire organisations.
- Groups and SuperGroups in agreement with participants.
- Virtual training sessions held with individual regions or participants.
- User feedback considered to improve and develop the portal e.g. distributions to be set up one week prior to dispatch to allow more time for document preparation.

CueSee end of life 2024

POCT Interactive (CueSee)

assess the performance (accuracy and precision) of in vitro diagnostic (IVD) products.

External Quality Control (QC) data.

Assessment Schemes (EQAS).

Manufacture, distribute or utilise IVD products, such as diagnostic instruments.

How can it be used?
You only need a computer with an internet connection and webbrowser. Registration for CueSee gives you programme administrator access, allowing you to specify :

- your participants profiles and groups
- analytes and methods
- sample specification
- customised reports
- customised page settings
- and many more...

Also, if you wish to participate in one of our existing programmes, you can register directly with the EQAS organisation.

Where to register?
For further information, please contact Eurotrol who provides access to an product licenses.

participant
username
password
log-in

- POCT Glucose & Ketone programme migrated during 2024
- Urinalysis distribution UA1124 was the final Weqas distribution on CueSee
- CueSee end of life – 31st December 2024
- All required reports to be downloaded from CueSee by 31st December 2024

31 programmes on Weqas Connect

Final Lab programmes to migrate

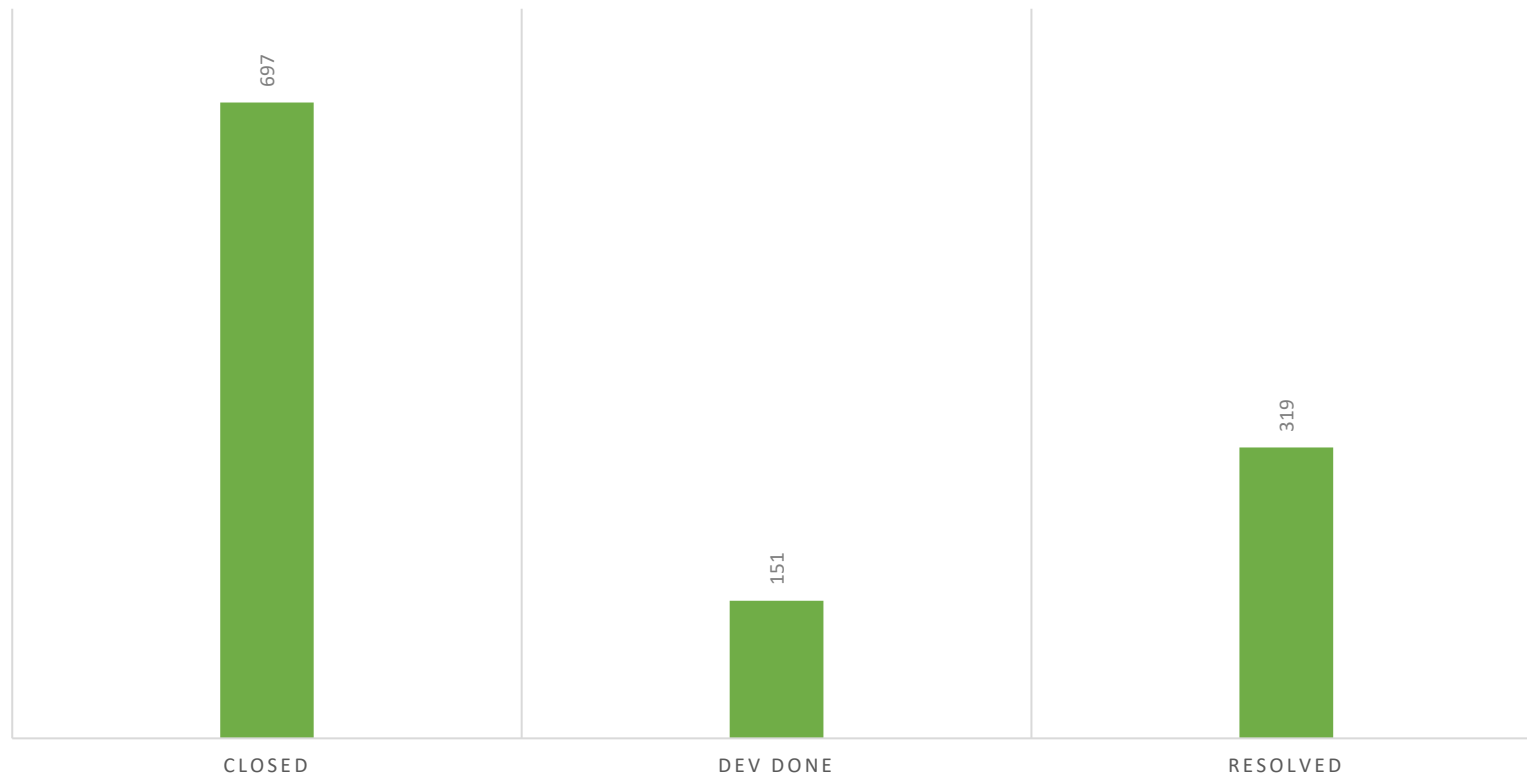
Bilirubin
HbA1c
HIL Serum Indices
Porphyrin
Pre Eclampsia
TDM
Serum Chemistry

Final POCT programmes to migrate

POCT Bilirubin
POCT D-dimer
POCT HbA1c
POCT HIV
POCT Respiratory Virus
Pre-term Labour Markers
POCT Pregnancy Testing
Urine Drugs of Abuse
Viscoelastic Haemostasis

Development 2024

DEVELOPMENT ITEMS 2024



8 new
version
releases

Participant: WQ0000
 Location: POCT Lab
 Location contact: n/a



Dispatch Date:

Weqas POCT Lipids EQA programme

Distribution: PL1224
 Return Date: 31-Dec-2024

Instrument Serial Number: 6127896
 Instrument Type: PTS Diagnostics - CardioChek



Dear Colleague,

Please test the enclosed sample as if it were a patient sample, using your usual method.

Please record your results, meter serial number and strip / cassette lot number on the results return sheet (input sheet) below and return to address stated below. This will either be your POCT Lead, or Weqas if registered for a Fully Managed Service.

For participants on a Fully Managed Service returning results to Weqas, please scan and email results to weqas.enquiries@wales.nhs.uk.

All results must be returned by the return date stated above. Please keep a hard copy of the results for your records.

Please ensure that all operators take turns to participate in the EQA programme. This procedure should not be carried out by the same operator on each distribution.

Return To: Mrs Annette Thomas, Unit 6, Parc Ty Glas, Llanishen, Cardiff, CF14 5DU

Tel No: 02920 314750

Storage conditions
 Please tick the appropriate box

Operator ID	
Date Samples Received	
Date Samples Analysed	
Strip Lot Number	



2 - 8 °C	
-20 °C	
-70 °C	
Ambient Temperature (18 - 30 °C)	
Analysed on receipt	

Analyte	Sample 1	Unit
Cholesterol		
HDL Cholesterol		

Operator Comments:

Instrument search - add group and supergroup to the instrument search form	Dev done
Distribution letters - Add instrument name to the instrument identification area	Dev done
User search - search by participant code will also return group and usergroup level users for any groups and supergroups with which the participant is associated	Dev done
Participant list view - add supergroup between group and primary contact	Deployed
Extend default numbers of results displayed on search results list view for Locations, Instruments and Users	Deployed
User creation completion passes to user details page for the new user	Deployed
[H+ Instruments	Page result deletion
pH Create Instrument	Deployed
Par Show 100 entries Search:	Deployed

Participant	Location	Name	Manufacturer	Model	Serial Number	Status
WQ0000	Milborne Port Surgery		Roche	CoaguChek Pro II	TZ1	Active
WQ0000	Health Group		Roche	CoaguChek Pro II	TZ10	Active

User Profile

Username sam@weqas.com
Email samantha.jones7@wales.nhs.uk
Name Miss Sam Jones
Role Weqas Senior Manager
Password [Change your password]

Report Subscriptions

Subscribe to receive PDF participant reports directly by email:

Programme	Manager's Summary Report			Standard Report			Simplified Report			Non>Returns Report	Poor Performance Report
	Subscribe	Type		Subscribe	Type		Subscribe	Type		Subscribe	Subscribe
		Location	Participant		Location	Participant		Location	Participant		
Ammonia	<input type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="checkbox"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<input type="checkbox"/>	<input type="checkbox"/>

Participant Feedback – accepted suggestions

- ✓ Add POCT Co-ordinators reports to user preferences to email PDF report
- ✓ Blank results sheet template – 82% voted yes for this when polled
- ✓ Addition of address fields for the location to enable the location address to be shown on distribution letters **Polling Q: Who uses mail merge to create letters to issue**
- ✓ New user level for data entry only (no other functions)
- ✓ Quick link to learning zone or built in training area - 90% voted yes for this when polled
- ✓ Ability to download instrument lists as excel files for easy audit / review

Participant Feedback – under consideration

- ✓ Email confirmation of results submission – 83% voted yes for this when polled
- ✓ Option to print or save results submission – 77% voted yes for this when polled

You are invited to add any other suggestions into the polling portal



Other ongoing IT projects:

- Labgnostics
- Middleware connectivity
- CRM implementation

• Quick guides for report interpretation – Report Interpretation – Weqas

Participant Code replaces Lab Code.

Your % Poor PI (Performance Index) across all samples for all instruments, the Median All Participants % Poor PI and the 97.5th Centile % Poor PI.

The PI Scores table shows performance for all analytes and all instruments.

PI scores are converted into performance categories and colour coded.

Key for PI Codes.

Distribution details and report status.

PI Ranges

<1	Good
1-2	Acceptable
≥2	Poor

Running PI analyte-sample Scores

Location	Instrument Serial #	Instrument Name	INR	Overall % Poor PI	Overall % Non-Return
Anti-Coag Clinic	TZ1000001		Good	0%	0%
Day Surgery Unit	TZ1000002		Acceptable	0%	0%
Endoscopy Unit	TZ1000003		Good	0%	0%
Ward 1	TZ1000004		Good	0%	0%
Ward 2	TZ1000005		Acceptable	0%	0%
Pathology 1	UQ0000001		Good	0%	0%
Ward 3	TZ1000006		Good	0%	0%
Ward 4	TZ1000007		Acceptable	0%	0%
Ward 5	UQ0000003		NRR	0%	100%
West Building	TZ1000008		NRR	0%	100%
West Building Ward 1	U0000004		Good	0%	0%

PI Code Key:

PI Code	Meaning
N/A	Not enrolled for this analyte
NRR	Analyte enrolled but no results returned
N/S	This quantitative analyte not scored for this distribution

******* Please note*******
The NQAAP expects 100% compliance on EQA returns. If you are enrolled for an analyte and have not returned a result (denoted by NRR in your PI table), this will be treated as a poor performance score. Please let us know as soon as possible if you are no longer providing this analyte as part of your diagnostic service.

Distribution Specific Comment:
There is no specific comment for this distribution.

Participant submitted comments

Location	Instrument Name / Serial #	Distribution specific comment from the participant
West Building	TZ1000008	ANALYSER NOT IN CLINICAL USE - AWAITING TRAINING FROM ROCHE

"Your reported result" will be shown in the units entered, in the Weqas standard units (if units entered are different from the Weqas standard units), and method corrected result (if appropriate for the analyte).

This will show whether you have been scored against Reference Value, Method Mean or Overall Mean and the actual target value will be shown here.

Running Performance chart shows the PI (Performance Index) score for each sample for the current distribution and the last 5 distributions, with colour coding for each performance category.

Overall Performance is shown as a 'Traffic light', with performance colour coded to easily identify the performance category.

INR (units)

Your reported result (units): **1.5**

Your results are scored against: (Method) 2.073

Running Performance

Bias (Absolute)

Your overall performance for this analyte is: Acceptable

• Your results for this distribution are acceptable

Participant Code, Distribution details and report status.

Analyte specific breakdown of performance categories for all samples.

Method specific data table showing:

- Target Value to which the submitted result is compared against and Target Value type e.g. Method Mean.
- Mean and SD of your submitted results for this method / instrument.
- Method data (all participants within this method) is also supplied in the right-hand column.

If you have more than one meter type, this data will be shown in a separate table.

Overall

Overall	n	%	n	%
Good	12	28.6	12	28.6
Acceptable	6	14.3	6	14.3
Poor	5	11.9	5	11.9
Non-scored	19	45.2	19	45.2
Total	42		42	

Method specific data table showing:

Method	Target Value Type	Sample 1	Abbott I-Stat	Method Mean
		2.704		
	Target Value	2.704		2.704
	Mean	0.456		0.29
	SD	0.0996		0.0637
	Uncertainty	0.0996		0.0637
	n	21		43

Sample 1 - My Results - Abbott I-Stat

Sample 1

Method: Abbott I-Stat * Instrument: I-STAT * Your results

Weqas supplied comment for INR:
There is no comment for INR for this distribution

The individual Location and instrument details will be shown here.

Numerical analyte specific breakdown of performance categories for each sample and overall for your Participant, Group or Super Group dependent on access level and report chosen.

Histogram showing the spread of your results. Bars are colour coded to show performance categories across the range.

Histogram showing breakdown of results for each sample, showing the spread of results for your method, your instrument and your submitted results.

Distribution Specific Comments from Weqas or participant.

