



McQAS

Malaysian College Quality Assurance Scheme



Who we are

In January 2013, the College of Pathologists, Academy of Medicine of Malaysia registered a limited company called MCPath QAP (Malaysian College of Pathologists Quality Assurance Programmes) to offer the external Malaysian College Quality Assurance Scheme (McQAS) for pathology laboratories.

It is the company's mission to provide a broad range of quality assurance programmes in all disciplines of pathology to serve the medical and scientific communities in Malaysia and the surrounding regions. Ultimately, the company aims to promote, support and assist in raising the quality of services provided by the participating pathology and diagnostic laboratories in a cost effective manner.

McQAS provides more than 50 parameters of four programmes where the samples are distributed from a recognised supplier of EQA for ISO accreditation purposes.

Our Board of Directors

- Dr Leslie Lai (Chairman)
- Professor Dr Menaka Hariharan
- Professor Dr Yap Sook Fan

Our EQAP Advisory Committee

- Emeritus Professor Dr Cheong Soon Keng (Chairman)
- Dr Leslie Lai (Chemical Chemistry)
- Dr Raudhawati Osman (Hematology)
- Professor Dr Yasmin Malik (Serology)

Our Board of Trustees

- Professor Datuk Dr Looi Lai Meng
- Professor Dr Pathmanathan Rajadurai
- Emeritus Professor Dr Mak Joon Wah
- Professor Dr Parasakthi Navaratnam
- Dr Patricia Por

A) Hematology Programmes

Full blood count (FBC)

9 Parameters

Quarterly sample distribution, 1 x 12 monthly cycles, 12 x 2.5ml glass-vial of ready to use whole blood samples

Haemoglobin (Hb)	Mean Cell Volume (MCV)	Mean Platelet Volume (MPV)
Platelets (PLT)	Total White Blood Cell Count	Haematocrit (HCT)
Mean Cell Haemoglobin (MCH)	Mean Cell Haemoglobin Concentration (MCHC)	Red Blood Cell (RBC)

B) Serology Programmes

SEROLOGY – VIRAL MARKERS PROGRAM

9 Parameters

Five sample distribution, 5 x 12 monthly cycles, 5 x 2.0ml glass-vial of ready to use serum samples

Anti-HIV-1&2 Combi	Anti-HAV (IgM)	HBsAb
Anti-HAV (Total/IgG)	Anti-HBc (Total/IgG)	HBsAg
Anti-HBc(IgM)	Anti-HCV	HBeAg

SEROLOGY – SYPHILIS PROGRAM

3 Parameters

Five sample distribution, 5 x 12 monthly cycles, 5 x 1.0 ml glass-vial of ready to use serum samples

RPR	TPHA	VDRL
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C) Clinical Chemistry Programme

Once a year sample distribution, 1 x 12 monthly cycle, 12 x 5ml primary tubes of human-based lyophilised samples

GCC10	GCC20	GCC30	GCC40	GCC50
1-10 Parameters	11-20 Parameters	21-30 Parameters	31-40 Parameters	41-51 Parameters

The parameters:

Acid phosphatase,	Acid phosphatase,	Albumin	ALP	ALT (ALAT)
Amylase, pancreatic	Amylase, total	AST	Bicarbonate	Bile Acid
Bilirubin, direct	Bilirubin, total	Calcium, ionised	Calcium, total	Chloride*
Cholesterol	Cholinesterase	CK, total (CPK)	Copper	Creatinine
D-3-Hydroxybutyrate	Free T3	Free T4	Gamma GT	GLDH
Glucose*	HBDH	HDL-Cholesterol	Iron	Lactate (Pilot)
LD (LDH)	Lipase	Lithium*	Magnesium*	NEFA
Osmolality	Phosphate, inorganic	Potassium*	Protein, total	PSA
Sodium*	TIBC	Total T3	Total T4	Triglycerides*
TSH	Urea	Uric acid*	Zinc	

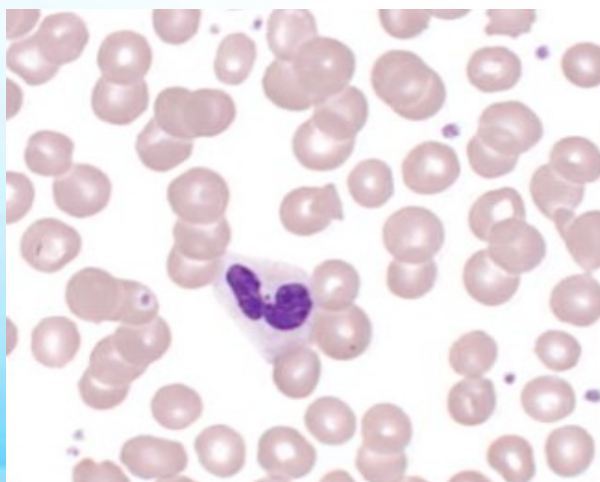
D) Digital Pathology Programmes

Our up coming e-programmes are as follows:

- **Manual eBlood Film Differential Count (eBFDC)**
- **Manual eBone Marrow Differential Count (eBMDC)**
- **eBlood Film Morphology (eBFM)**
- **ePaediatric Morphology (ePM)**
- **eBone Marrow Morphology (eBMM)**
- **eBlood Film for Malarial Parasite (eBFMP)**

Visit us today!!!

<http://www.mcqas.com>





MCPATH QAP SDN BHD (1032288-D)

**Academy of Medicine of Malaysia, Unit 1.6, Level 1, Enterprise
3B, Technology Park Malaysia (TPM), Jalan Inovasi 1,
Lebuhraya Puchong -Sungei Besi, Bukit Jalil
57000 Kuala Lumpur,
Wilayah Persekutuan.**

Tel: 018-8728805

Email: mcpathqap@gmail.com