Metropolis Healthcare Ltd., EQAS
Accredited by NABL as Proficiency Testing Provider
Role of Clinical Laboratories

Vital to effective Healthcare delivery.
~70% of clinical decisions are made by clinicians based on test reports.
Biochemistry tests contribute ~80% of total volumes for most Labs.

Challenges for Clinical Laboratories

Analytical
• Need to deliver error free results
• Prohibitively high cost of EQAS schemes
• Menu of EQAS schemes inappropriate

Personnel
• Skill gaps in available staff; high attrition rates
• Meeting training needs of staff
  - Lack of skilled trainers
  - Lack of good cost-effective training programs
  - For multi-location units, covering all employees

MHL EQAS PLUS
A uniquely designed first-of-its-kind Comprehensive Laboratory Proficiency Solution.

EQAS – It offers most commonly performed tests in Biochemistry – routine, immunoassays & tumour markers in 4 rounds every year

LMS* – Learning management system – web based, accessible through smartphone or computer

Special Membership Concept – This will enable member Laboratories to avail host of benefits.

Membership Benefits:
• Access to 10 trainings of choice for 5 employees or equivalent
• Support for reviewing PT failures (up to 2 times a year)
• Invitation to webinars/meets
• Mailing list for updates
• Newsletter
Why MHL EQAS PLUS?

EQAS

- Accredited by NABL under ISO 17043:2010
- Cost effective
- Robust statistical model
- Liquid stable PT items; no reconstitution errors
- Ability to differentiate random & systematic errors
- Totally web based – from enrolment to reporting
- Reporting in 4 working days only
- Performance score in %; ease in monitoring
- Colourful graphical & informative multiple reports
- Evaluation as per ISO 13528:2015
- Menu is expanded continuously

LMS

- Plan & implement your customized training calendar
- Easily accessible trainings – anytime, anywhere
- All trainings with post training evaluation
- Competency assessment of staff
- Permanent digital records & certificates
- Managers can view team' performance & progress
Test Menu

Quantitative
Clinical Biochemistry - Glucose, Urea, Creatinine, Total Bilirubin, Direct Bilirubin, Total Protein, Albumin, Uric Acid, Calcium, Ionized Calcium, Phosphorous Inorganic, Magnesium, Cholesterol, Triglycerides, HDL, LDL, ALT, AST, ALP, CK, GGT, LDH, Amylase, Lipase, Chloride, Sodium, Potassium, Iron*

Immunoassay- T3, T4, TSH, FT3, FT4, LH, FSH, Vitamin B12, 25 (OH) Vitamin D, Prolactin, Folate, Testosterone, Estradiol, Ferritin, β-hCG, Insulin, Progesterone, Inhibin A*, Cortisol*
Tumour markers - CA-19.9, CA-15.3, CA 125, CEA, AFP, PSA*

Qualitative
Immunoassay/Serology* – HIV Ag/Ab, Anti HCV, HBs Ag, C-Reactive Protein, Dengue NS1, Toxoplasma IgG, Toxoplasma IgM, CMV IgG, CMV IgM, Rubella IgG, Rubella IgM, HSV 1&2 IgG, HSV 1&2 IgM, RPR

Anatomic Pathology* based on digital images using Whole slide imaging (WSI)
  o Histopathology
  o Immunohistochemistry (IHC)

Cytology*- based on digital images
  o Gynec cytology
  o Non-gynec cytology

EQAS Plus Enrollment Scheme:

<table>
<thead>
<tr>
<th>Code</th>
<th>MHL EQAS Schemes</th>
<th>Samples/Round</th>
</tr>
</thead>
<tbody>
<tr>
<td>BB 001</td>
<td>Biochemistry · Basic</td>
<td>2</td>
</tr>
<tr>
<td>BP 001</td>
<td>Biochemistry · Premium</td>
<td>3</td>
</tr>
<tr>
<td>IMB 001</td>
<td>Immunoassay · Basic</td>
<td>2</td>
</tr>
<tr>
<td>IMP 001</td>
<td>Immunoassay · Premium</td>
<td>3</td>
</tr>
<tr>
<td>TM 001</td>
<td>Tumour marker</td>
<td>2</td>
</tr>
<tr>
<td>CB 001</td>
<td>Comprehensive · Basic</td>
<td>2</td>
</tr>
<tr>
<td>CP 001</td>
<td>Comprehensive · Premium</td>
<td>3</td>
</tr>
<tr>
<td>LM 001</td>
<td>LMS*</td>
<td></td>
</tr>
<tr>
<td>QM 001</td>
<td>Quality membership</td>
<td></td>
</tr>
</tbody>
</table>

Go to MetropolisIndia Website: http://metropolisindia.com

* Not Accredited