



Government of the People's Republic of Bangladesh

Directorate General of Health Services

Mohakhali, Dhaka-1212

www.dghs.gov.bd

Laboratory Testing for COVID-19 and Treatment facilities at Private Hospitals

A) Requirement for a laboratory

- a. Dedicated space for Molecular Laboratory (BSL2)
- b. Real Time – RT-PCR machine ABI 7500 or higher version, Bio-Rad
- c. Biosafety level 2 laboratory / biosafety hood/ biosafety cabinet
- d. Certification of BSL2 Class II hood
- e. Extraction room
- f. Clean room
- g. Trained Laboratory personnel (Microbiologist/Virologist, Biochemist/ Biochemist & Molecular Biologist, Medical Technologist)
- h. Results to be shared with WHO reference lab for COVID-19 (IEDCR)
- i. Quality control by WHO reference lab for COVID-19 (IEDCR)

B) Charge for laboratory services

A fixed charge to be determined by Director (Hospital) of DGHS, DGDA

C) Hospital Setting for Patient Selection and Treatment

a) Triage facility

The suspected patients or patients for screening will attend designated OPD (e.g., Fever Clinic) for medical advice. A triaging system and facility will be established. Samples will be collected from suspected patients. The suspected patients will be admitted at the designated isolation ward waiting for the lab result. If any patient detected as negative for COVID-19, s/he will be managed for his/her medical condition in an appropriate unit of the hospital. If the patient is detected as positive for COVID-19, s/he will be admitted at separate isolation unit dedicated for COVID-19 patients

b) Separate isolation building/ward for lab confirmed COVID-19 patients

A separate unit will be established for clinical management for COVID-19 patients. Preferably it may be established in a separate building.

Ideally twenty (20) beds should be reserved for isolating triaging patients waiting for RT-PCR test result. Fifty or more beds may be dedicated for isolation unit for COVID-19 patients. Intensive Care Unit (ICU) should be established for at least 5% patients of isolation COVID-19 unit.

c) Infection Prevention and Control

Appropriate Infection Prevention and Control (IPC) system will be in place. Facilities for hand hygiene for patients and health care providers, appropriate PPE for health care providers and patients, waste management, engineering and environmental control and other standard procedures