



BIOGENIX

INFECTION CONTROL PLAN

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NAME		DESIGNATION	SIGNATURE	DATE
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CODE: BG/PP/INF/002

BIOGENIX

VERSION: 1.0

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1 REVISION HISTORY

#	Version	Date	Changes Made by	Reason for Changes	Clause Changed
1	1.0				





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2 REVIEW HISTORY

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3 POLICY STATEMENT:

- 3.1 This policy outlines the infection control plan in Biogenix Laboratory.
- 3.2 This policy contains infection control & prevention plan tailored to Biogenix settings to meet expectations of staffs to prevent exposure to infectious agent, cross contamination during procedure and the protection of environment.
- 3.3 Infection control at Biogenix laboratory, is an important consideration in every decision and plan. Infection control must be an integral responsibility of all personnel. It requires cooperation between all departments. It is the responsibility of facility administration to oversee and provide resources for the Infection Control Program. All departments and services are included in the program.
- 3.4 Infection control plan for Biogenix Laboratory includes
 - 3.4.1 An infection control committee
 - 3.4.2 Prevention and Control of Healthcare associated infection
 - 3.4.3 Employee health program
 - 3.4.4 Quarantine policy
 - 3.4.5 Continuous Education to Staff
 - 3.4.6 Procedure for laboratory cleaning and disinfection.
 - 3.4.7 Post Exposure Plan
- 3.5 Infection control policies will be available in the G42 shared folder which is accessible to all the staff at Biogenix laboratory. New and revised policies and procedures will be updated in the shared folder immediately following the training on the updated contents.
- 3.6 Communication about new policies will be disseminated through in-service training, clinical teaching by team leader and minutes of infection control committee meeting.
- 3.7 The infection control program has an infection control committee with representatives from all departments including core Laboratory, safety, biomedical, inventory and housekeeping.





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- 3.8 The committee chaired by Lab director and infection control as co-chair. The committee meets monthly and minutes of meetings will be shared with all staff members.
- 3.9 The infection control plan focuses on the core measures to prevent the spread of infectious diseases, which includes whether staffs are compliant to
 - 3.9.1 Hand Hygiene
 - 3.9.2 Personal Protective Equipment
 - 3.9.3 Laboratory Waste Management
 - 3.9.4 Work bench decontamination
 - 3.9.5 Equipment decontamination

4 PURPOSE

- 4.1 This policy has been developed for Biogenix Laboratory to serve as a model for infection control plan.
- 4.2 To ensure that the Biogenix Laboratory has a functioning coordinated process in place, to reduce the risks of acquiring infections among employees, contract service workers and visitors.

5 SCOPE

- 5.1 The scope of this policy extends to all the staffs in the Biogenix laboratory whether staffs are compliant to established infection control policies.

6 DEFINITIONS

- 6.1 N/A

7 ACRONYMS





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- 7.1 PPE – Personal Protective Equipment
- 7.2 ICC: Infection Control Committee
- 7.3 DOH – Department of Health

8 RESPONSIBILITIES

- 8.1 Infection Control officer is responsible for overall monitoring of staff compliance to established infection control and prevention policy of Biogenix Laboratory.
- 8.2 Team leader is responsible to monitor the staff compliance to established infection control and prevention policy of Biogenix Laboratory in their daily practice.
- 8.3 Biogenix Laboratory personnel are responsible for following laboratory safety requirements and follow the standard precautions as defined in the infection control and prevention policy and in corresponding laboratory specific training.

9 PROCEDURE

- 9.1 Infection Control Committee (ICC)

9.1.1 Role:

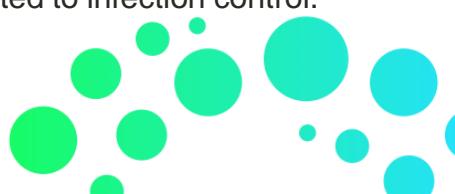
- 9.1.1.1 The role of Infection Control Committee is very multi-faceted. It should be involved in planning, monitoring, updating, evaluating and educating staff members. The committee sets infection control policies and provides input into specific infection control issues. The committee members will meet monthly.

9.1.2 Function:

- 9.1.2.1 Simply stated, its function is to prevent and control infections through:

- 9.1.2.1.1 Discuss any problems brought to them by the infection control chairman, infection control officer and others staff of the committee members.

- 9.1.2.1.2 Take responsibilities for major decisions related to infection control.





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9.1.2.1.3 Reviews the employee health related issues and discussed the occupational exposure reported and perform root cause analysis of the incident, if required.

9.1.2.1.4 The committee is responsible for assessment and management of risk involved in the laboratory.

9.1.2.1.5 The committee is responsible to maintain written infection control procedures, which should be available to all staff.

9.1.2.1.6 Advice on the selection of equipment's and products including cleaning and disinfection agents and continues evaluation of the same for the prevention of infection.

9.1.2.1.7 To provide and recommend formal educational opportunities.

9.1.3 Members of the ICC Team

9.1.3.1 Infection control Chairman – Lab Director

9.1.3.2 Infection Control Officer

9.1.3.3 Chief Medical Laboratory Technologist

9.1.3.4 Quality Manager

9.1.3.5 Laboratory Team Leaders

9.1.3.6 Biomedical Engineer

9.1.3.7 HSE officer

9.1.3.8 Facility Manager

9.1.3.9 Inventory in charge

9.2 Prevention and Control of Healthcare Associated Infection

9.2.1 The infection control & prevention plan of Biogenix Laboratory focuses on the core measures to prevent the spread of infectious diseases, through





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9.2.1.1 Prevention:

9.2.1.1.1 Prevent the spread of infectious disease in staff through,

 9.2.1.1.1.1 Education about infection control guidelines.

 9.2.1.1.1.2 Application of infection control measures

 9.2.1.1.1.3 Use of appropriate PPEs

 9.2.1.1.1.4 Frequent review and evaluation of plan effectiveness.

9.2.1.2 Monitoring of compliance:

9.2.1.2.1 It includes whether staffs are compliant to

 9.2.1.2.1.1 Hand Hygiene.

 9.2.1.2.1.2 Personal Protective Equipment's.

 9.2.1.2.1.3 Laboratory Waste Management.

 9.2.1.2.1.4 Work bench decontamination

 9.2.1.2.1.5 Equipment decontamination

9.2.1.2.2 Minimum of 2 staff from each shift from each technical area has been assigned as Infection control link staff, who will be given responsibility to monitor the infection control practices during the work process. (Annexure 1- Infection Control Link Staff)

9.2.1.2.3 Staff compliance to infection control and prevention practices is monitored daily by the infection control staff or the team leader and recorded in the **BG/REC/INF/001** Infection Control Staff Compliance Checklist.

9.2.1.2.4 Non-compliant staffs are identified, and root cause analysis and corrective action done. Corrective action includes, but not limited to, training of staff and reassessment.





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9.2.1.2.5 Collected data evaluated on monthly basis by the infection control officer and Laboratory Director and corrective & preventive done appropriately.

9.2.1.2.6 Establishing the KPI to monitor the effectiveness of the infection control Plan.

9.2.1.3 Control:

9.2.1.3.1 Identify staff with communicable or potentially communicable infections.

9.2.1.3.2 Advise staff on control procedures as indicated

9.2.1.3.3 Serve as an information resource for all staff on various disinfection and cleaning products and procedures.

9.2.1.4 Continuous review and evaluation

9.2.1.4.1 Continuous review and evaluation of infection control practices

9.2.1.4.2 Evaluate and monitor the results and revise techniques as needed.

9.3 Employee Health program.

9.3.1 During initial employment period staff undergo blood screening for HIV and chest x-ray for pulmonary tuberculosis in DOH approved screening center as part VISA process.

9.3.2 All staffs are screened for Covid-19 once in 3 days.

9.3.3 Upon joining all health care workers will be screened for anti HBs Antibodies. The facility will arrange Hepatitis B vaccination for those who are not vaccinated before, and for those with low anti HBs antibody titer value.

9.3.4 Staff will be encouraged for seasonal Flu & MMR vaccine.

9.3.5 A master vaccination log is maintained by HR department in which the vaccination status of all staff will be updated and follow up will be done accordingly.





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- 9.3.6 Non responders are identified and documented in master log, the information will be passed to concerned staff and proof of the information will be filled in the staff file.
- 9.3.7 Biogenix laboratory encourage to use PPE based on the risk in procedure they follow.
- 9.3.8 All occupational exposures will be reported within 24 hours. All exposures will be evaluated and post exposure prophylaxis will be provided as per the protocol.
- 9.3.9 Majority of the sharp instruments using are with proper engineering and safety controls.
- 9.3.10 Pregnant staffs are excluded from working in Molecular Laboratory.

9.4 Quarantine Policy:

- 9.4.1 Biogenix laboratory follow Department of Health, Abu Dhabi guidelines for the quarantine of staffs with highly contagious communicable diseases like Covid-19, measles, chicken pox etc.
- 9.4.2 When the staff identified with any of the communicable diseases listed as per the DOH, Abu Dhabi, it will be notified to the local health authority and follow the instructions given accordingly.

9.5 Continuous Education to Staff:

- 9.5.1 Staff in Biogenix laboratory will be given regular training on infection control policies as per the training plan scheduled by the quality department

9.6 Procedure for laboratory cleaning and disinfection:

- 9.6.1 Biogenix laboratory has established policy on laboratory cleaning and disinfection to keep clean and safe environment for the employee and as well environment.
- 9.6.2 For the detailed procedure refer **BG/PP/INF/008** titled Laboratory Cleaning and Disinfection.

9.7 Post Exposure Plan:





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- 9.7.1 Biogenix laboratory has post exposure plan for the staff who are exposed to biohazard substance.
- 9.7.2 For the detailed procedure refer **BG/PP/INF/004** titled Occupational Exposure Management.

10 CROSS REFERENCE:

- 10.1 DOH Abu Dhabi Policy on Policy for Infection Control in the Health Care Facilities (PPR/HCP/P0010/07).
- 10.2 Infection control Policies of Biogenix Laboratory.

11 RELEVANT DOCUMENTS & RECORDS:

- 11.1 BG/REC/INF/001 Infection Control Staff Compliance Checklist.
- 11.2 BG/PP/INF/004 Occupational Exposure Management.
- 11.3 BG/PP/INF/008 Laboratory Cleaning and Disinfection.

