

Education about handling of Biohazardous Materials and Biorisk Basics

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Staff members of Animal Health Research Institute (AHRI) received a training program so that they become aware of the protocols specific to Biosafety .Training Materials used were suitable for the different audience including the researchers working in the labs. Topics covered include: Biosafety and biosecurity basics, biohazard risk assessment, work practice and containment of biohazardous agent, chemical waste disposal and spills and their treatment.

The training program includes the different topics (risk factors of biohazardous agents; definition of biohazards, routes of exposure; donning and doffing of personal protective equipments; containment facilities and the hazards associated with laboratory equipments; decontamination, sterilization procedures; disposal procedures for biohazardous waste; handling of different biological spills; demonstration of fume hoods/biological safety cabinets and biohazard risk assessment)

Conclusion

The training Program at AHRI was intended to provide learning about handling with biohazardous materials and Biosafety and biosecurity basics. This information includes how an individual may be occupationally exposed, the types of exposures that place their health at risk.

The training program achieved the majority of its goals as it focused on the proper work practices of the staff members of the institute .A final Quiz was taken by the members and the scores were recorded showing their levels of well understanding of the contents of the schedule of the program.

Some difficulties faced the trainees; the duration of the training program was not enough to cover all the subjects and the topics fairly , the need for further discussions of many agents and microorganisms with more details and the high Cost of some of the tools necessary to apply the basics of the biosafety and biosecurity measures.