



Hands on Training on the WHONET Installation, Data Collection and Data Analysis

Training Venue:

Date:

Supported by: CAPTURA, International Vaccine Institute and CDC, DGHS

The purpose of this training is to develop core capacity of the decision makers, data entry operators, laboratory technologist on the WHONET (www.whonet.org, an open source microbiology laboratory database software). The participants can learn how to install WHONET, to enter patient information, to print patient individual report on their letterhead, to analyze different kinds of reports and export data for further analysis and sharing. Ultimate expected outcome is to make a strong laboratory community and to automate their manual paper based record keeping to the standardized digital software system.

Time	Session	Details	Facilitator
9:00-09:15	Registration		All
9:15-9:30	Introduction	Self-introduction of participants	All Participants
9:30-9:45	Inaugural, Opening remarks	Head of the Microbiology Department	
9:45-10:00	Objective	<ul style="list-style-type: none">❖ Purpose of the training❖ CAPTURA, CDC and IEDCR involvement	Julhas Sujan, CAPTURA
10:00-10:30	WHONET Introduction	<ul style="list-style-type: none">❖ What is WHONET❖ What can do WHONET❖ What is BacLink❖ Installing WHONET and BacLink	CAPTURA Team (Julhas Sujan, Abul Hasnat, Hridika Talukdar)
10:30-12:00	WHONET installation and Lab configuration	<ul style="list-style-type: none">❖ Download from WHONET website❖ Lab information add❖ Antibiotic selection❖ Location setup❖ Data fields setup❖ Isolate alert setup❖ Finishing lab configuration	CAPTURA Team



12:00-13:00	WHONET-Baclink	<ul style="list-style-type: none"> ❖ What is BacLink and how it works ❖ Excel, text files, and other desktop applications ❖ Baclink and Laboratory information systems ❖ BacLink and Vitek-2 	CAPTURA Team
13:00-13:45	Prayer Break		
13:45-14:45	Data analysis	<ul style="list-style-type: none"> ❖ Data Analysis <ul style="list-style-type: none"> - Isolate listing and summary - %RIS and test measurement - Scatterplot - Resistance profile - Isolate alerts - Cluster alerts ❖ Quick data analysis <ul style="list-style-type: none"> - Standard report - Data check and summary - Standard report detailed 	CAPTURA Team
14:45-15:30	Hands on data entry	<ul style="list-style-type: none"> ❖ 10 records for each of the participants ❖ Lab technologist will enter 20 records ❖ Data export ❖ Quick analysis 	CAPTURA Team
15:30-16:00	<ul style="list-style-type: none"> ❖ Open discussion ❖ Training Evaluation ❖ Closing the session 		