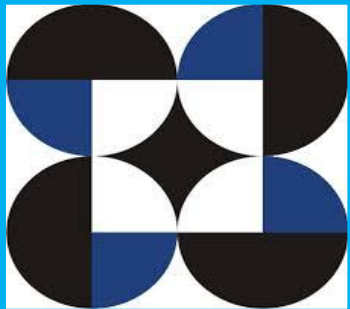


Training on Diagnostic Parasitology and Medical Teleparasitology

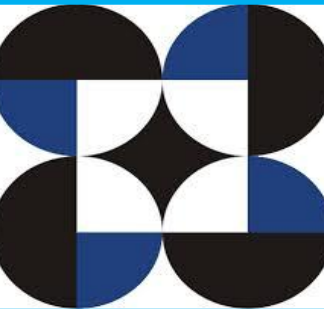


ORIENTATION TO THE COURSE

Vicente Y. Belizario Jr., MD, MTM&H
University of the Philippines Manila
25 March 2015



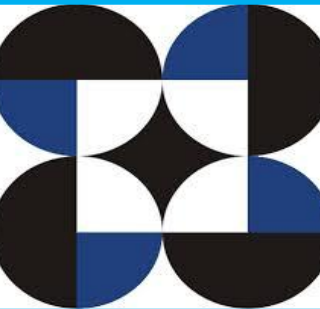
Training on Diagnostic Parasitology and Medical Teleparasitology



Background and Rationale

- Appropriate and correct medical management of parasitic infections largely depends on accurate and timely diagnosis through microscopy and other laboratory techniques.
- Most peripheral laboratories lack necessary expertise for accurate diagnosis of less common parasitic infections that are emerging and re-emerging.
- Referral mechanism lacks system and formalization.
- Parasitic infections are misdiagnosed or mismanaged, undiagnosed or untreated.

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Objectives

1. To describe the epidemiology of intestinal parasitic infections in the Philippines
2. To describe measures for control and prevention of intestinal parasitic infections
3. To describe and perform laboratory procedures for diagnosis of intestinal parasites in stool specimens
4. To identify intestinal parasites in stool specimens
5. To describe quality assurance in diagnosis of intestinal parasitic infections
6. To describe Medical Teleparasitology System and its application to Diagnostic Parasitology
7. To demonstrate the utilization of Medical Teleparasitology System

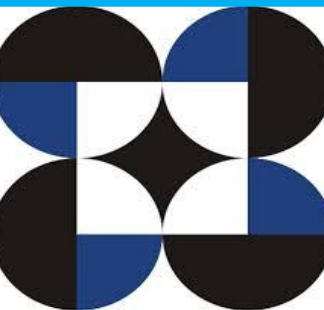
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Lecture Topics

1. Epidemiology and control of intestinal parasitic infections in the Philippines
2. Laboratory diagnosis of intestinal parasites in stool specimens
3. Quality assurance in diagnosis of intestinal parasitic infections
4. Medical Teleparasitology System and its application to Diagnostic Parasitology

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Laboratory Activities

1. Demonstration of laboratory procedures and intestinal parasites in preserved and fresh stool specimens
2. Exercises on Direct Fecal Smear (DFS), Kato thick, Kato-Katz and Formalin Ether Concentration Technique (FECT)
3. Stool unknown
4. Demonstration and exercise on the utilization of the Medical Teleparasitology System for Diagnostic Parasitology

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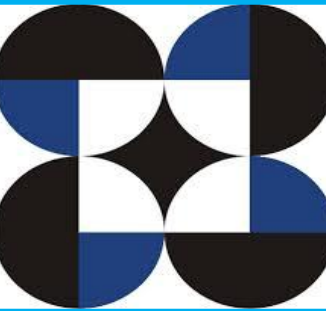
Evaluation

- Theoretical Examinations
 - Pre-test
 - Post-test
- Practical Examinations (electronic images)
 - Pre-test
 - Post-test
- Stool Unknown

Time	Mar 25 (Wednesday)	Mar 26 (Thursday)	Mar 27 (Friday)
8:00 a.m.	Registration of Participants		
8:30 a.m.	Pre-test Theoretical Examination Practical Examination (electronic images)	Lecture: <i>Quality assurance in diagnosis of intestinal parasitic infections</i> Dr. Vicente Y. Belizario, Jr.	Lecture: <i>Medical Teleparasitology System: Diagnostic Parasitology using ICT</i> Dr. Patrick Sylim
9:30 a.m.	Opening Ceremony	Break	
10:00 a.m.	Welcome Remarks: Orientation to the Course Introductions of Participants Photo Opportunity		
10:30 a.m.	Break	Practice identification of electronic images	Break
10:45 a.m.	Lecture: <i>Epidemiology, control and prevention of intestinal parasitic infections in the Philippines</i> Dr. Vicente Y. Belizario, Jr.	<i>Mr. Roy Dahildahil</i>	<i>Medical teleparasitology System demonstration and return demonstration</i> Dr. Patrick Sylim
11:15		Post-test Practical Examination (electronic images)	
12:00 p.m.	Lunch	Lunch	Lunch
1:00 p.m.	Lecture: <i>Laboratory diagnosis of intestinal parasites in stool specimens</i> Dr. Arlene Bertuso	Practice Stool Unknown <i>Ms. Myra Mistica</i>	Post test <i>Medical Teleparasitology System Reference Scheme</i> Dr. Rodelia Pascua

2:00 p.m.	Laboratory Period: <i>Ms. Myra S. Mistica</i> <i>Mr. Roy Dahildahil and</i> <i>Mr. Herschel Don Go</i> Demonstration of laboratory procedures and intestinal	Post-test Stool Unknown <i>Ms. Myra Mistica</i>	Image Bank <i>Mr. Herschel Don Go</i> <i>Medical Teleparasitology System demonstration and return demonstration</i> <i>Dr. Patrick Sylim</i>
2:30 p.m.	parasites in preserved and fresh		Break
3:00 p.m.	stool specimens (Exercise on Direct Fecal Smear, Kato thick, Kato-Katz and Formalin Ether Concentration Technique)		Closing ceremony Thanksgiving prayer Sharing of Insights from the Participants
3:30 p.m.	Break	Break	Presentation by the Three Groups Feedback from the Course Coordinator Recognition of Outstanding Participants Awarding of Certificates of Participation Messages from Partner Institutions Closing Remarks
4:00 p.m.	Continuation of laboratory	<i>Capturing electronic images of</i>	Adjournment
5:00 p.m.	period and return demonstration	<i>intestinal parasites</i> <i>Dr. Rodelia Pascua</i>	
5:30 p.m.	Adjournment	Adjournment	

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WELCOME Participants!