

Improvement of Clinical Laboratory Technology -for Proper Diagnosis of Infectious Diseases- 「臨床検査技術の改善－感染症の適切な診断のために－」		Continuing	
Target Countries :		11 participants	
Course No. : J1704208		No. : 1784432	
Sector : Health/Other infectious diseases			
Sub-Sector :			
Language : English			
Outline			
This program is for laboratory technologists who are engaged in clinical examination in national/local core hospitals or laboratories to collaborate with the department in charge of diagnosis. Participants are expected to acquire skills for accurate examination and laboratory management, aiming at proper diagnosis and strengthening laboratory network in each country.			
Objective/Outcome		Target Organization / Group	
【Objective】 Participants are expected to acquire and be able to explain knowledge and skills of accurate examination for diagnosis and treatment of infectious diseases, and skills for laboratory management in consideration of the role of clinical laboratory in the health system in each country.		【Target Organization】 1. National / Local Core Hospitals 2. National / Local core laboratories to collaborate with the department in charge of diagnosis	
【Outcome】 1. To acquire and be able to explain knowledge and skills of clinical examination for infectious diseases control (including “KAIZEN” approach). 2. To acquire and be able to explain how to utilize clinical examination effectively for diagnosis of infectious diseases.		【Target Group】 1. Be a laboratory technologist, Medical Doctor, Pharmacist or nurse who are engaged in microbiological tests 2. Be responsible for disseminating the knowledge and skills acquired through the program in his/her organization	
Contents			
1-1. Biosafety and standard precaution in laboratory 1-2. Quality control of examination and laboratory management (including human resource management) 1-3. Smear examination as rapid test, 1-4. Procedures for processing of specimen (how to progress of examination, interpretation and report of results) 1-5. Characteristics and usage of each medium, Characteristics of clinically important colony 1-6. Identification test, 1-7. Drug susceptibility test and characteristics of drug resistant bacteria 2-1. Data analysis of examination for diagnosis of infectious diseases, 2-2. Role of clinical laboratory in infectious diseases control (including HAIs)		Course Period	2017/09/27~2017/12/03
		Department in Charge	Human Development Department
		JICA Center	JICA Tokyo (Human Dev.)
		Cooperation Period	2015~2017
Implementing Partner	Japan International Medical TEchnology Foundation		
Remarks and Website			