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சுவசிரிபாய  
SUWASIRIPAYA

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சுகாதார அமைச்சு  
Ministry of Health

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எனது இல ) NPTCCD/GeneXpert/PPM/2022/1  
My No. )

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Your No. : )

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திகதி ) 12.03..2022  
Date )

01-13/2022

Director Private Health Sector Development  
Ministry of Health

### Provision of Gene Xpert facility for the Private sector

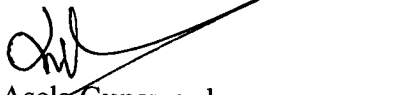
The National Programme for Tuberculosis Control & Chest Diseases (NPTCCD) is in the process of extending its services to involve private sector health institutions in TB diagnosis which is important in improving case finding in the private sector.

Gene Xpert is an important facility in advanced diagnosis of TB. Gene X pert facility is available in all districts of the country in state sector.

Therefore to improve of diagnosis patients present to the private sector. Ministry of Health has decided to extent Gene X pert facility to the private sector.

This facility to the private sector has to be accessed through the relevant District Chest Clinics (DCC) in the following manner:

1. Patients has to be directed to the DCC or ;
2. Samples of properly collected sputum need to be sent to the DCC (Annexure i). The samples should be collected in the relevant container and should be sent to DCC accompanied by properly filled TB 6 form (Annexure ii).

  
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385, සුවසිරිපාය, සෞඛ්‍ය දෙපාර්තමේන්තුව විමලවංශ හිමි මාවත, කොළඹ 10, ශ්‍රී ලංකාව.

385, வணக்கத்துக்குரிய பத்தேகமவிலவங் சதேரோமாவத்தை, கொழும்பு 10.

385, Rev. Baddegama Wimalawansa Thero Mawatha, Colombo 10, Sri Lanka.

## **How to collect a sputum sample properly**

### **Steps in specimen collection**

Step 1 - Instruction to the laboratory staff

Step 2 - Instructions to the patient.

Step 3 - Guide to obtain a good quality specimen.

#### **Step 1 - Instructions to the laboratory staff**

- Use a clean, wide mouthed container with a lid for microscopy (Figure 3.1).
- Give the patient a lab serial number, and write it on the body of the container.
- Provide the patient with information on collection of specimen (Refer step 2, 3).
- Direct the patient to the coughing booth to collect the specimen.

#### **Step 2 - Instructions to the patient.**

Explain clearly to the patient by medical officers/nursing officers/MLTs/PHLTs.

- Why sputum is needed.
- Three specimens are required.
- Spot-morning-spot (for diagnosis) or Morning-spot (for follow on).
- What a good specimen is (thick, purulent sputum, approximately 3–5ml in volume) and how to obtain it.
- The need for obtaining a specimen collection container from the laboratory (Figure 3.1).
- Opening and tight closing of containers.
- Not to soil the exterior of the container.
- Not to expose the specimens to sunlight.
- The need to return the specimen to the laboratory.

#### **Step 3 - Guide to obtain a good quality sputum specimen**

- Gargle with water to rinse out mouth. Drinking a glass of warm water may help to bring out sputum.
- Inhale deeply 2-3 times through your mouth and cough up mucous from deep in your chest.
- Place the coughed-up sputum in to the container.
- Screw the lid tightly so it does not leak.
- Hand over the specimen to the laboratory.

**REQUEST FORM**  
**TB CULTURE, DRUG SUSCEPTIBILITY AND MOLECULAR TESTING**  
**National TB Reference Laboratory, Welisara**

Specimen		Date of Collection		
Sputum	Other (Specify)	dd	mm	Yy

Lab Use Only			Serial No	
Date of Receipt			Lab No.	
dd	mm	yy	Culture	DST

Last Name of the Patient (In Block Letters)

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First Name/Initials of the Patient (In Block Letters)

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Date of Birth			Sex		Contact Number	NIC/ID of Patient/Parent/Guardian
YYY	mm	dd	M	F		

Name of Sending Institution	Ward/Clinic	BHT/Clinic No	Forwarding DCC	Standard Card No.	District TB NO	Report to be Sent to

Patients Address:						Residential District:	

Test/s Requested	Culture & DST	Xpert (MTB/RIF)

Indication	For Diagnosis	Follow Up CAT I	Follow Up CAT II	Follow Up CAT IV	Other (Specify)

Probable Diagnosis	PTB Smear positive	PTB Smear negative	EPTB	Site/s

Treatment History	New	Previously Treated	Known MDR	Known MOTT	History Unknown

If Previously Treated	First Relapse	>1 Relapse	Rx After Failure	Rx After Loss to Follow Up	Other (Specify)

**Details of Treatment**

Past ATT (Indicate periods of treatment)	Cat I/Cat II/Cat IV
Present ATT (on the date of specimen collection)	Not on ATT / On ATT (Indicate regime & starting date) Cat I /Cat II /Cat IV

Current Sputum Smear Status of Follow Up Patients	
Positive	Negative

Duration of Treatment

Does the patient belong to a Presumptive MDR group?	
Yes	No

Contact No.: 011-2956702 or 011-2951428 or 011-2951751 or 011-2958271 Ext 409, 138 or 421