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NPTCCD /Presum-cir /
2019 II

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Your No.)

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Ministry of Health, Nutrition & Indigenous Medicine

General Circular Number: 01 - 27 / 2019

All Provincial Secretariat of Health

All Provincial/ Regional Directors of Health Services,

All Deputy Provincial/ Regional Directors of Health Services,

All the Heads of Decentralized Units/Special Campaigns,

Director/ National Institute of Health Sciences,

All the Heads of Health Institutions/All Medical Superintendents/District Medical officers/Medical Officers in Charge of Hospitals,

Chief Medical Officer of Health, Colombo Municipal Council,

Ending TB in Sri Lanka by 2025: Strengthening the screening of presumptive tuberculosis (TB) patients

The National Programme for Tuberculosis Control and Chest Diseases (NPTCCD), Ministry of Health, Nutrition and Indigenous Medicine is aiming to reach end TB targets by the year 2025. This initiative needs scaling up of current strategies on screening, detection and management of TB patients.

One of the major challenges of TB control in Sri Lanka is the gap of about 4,000 cases between the World Health Organization estimated incidence of 13,000 cases per year and the numbers of patients identified as TB. Therefore, it is utmost important to screen all patients suspected of TB (presumptive TB) in all possible occasions. A presumptive TB patient is a person, who presents with symptoms or signs suggestive of TB, particularly with cough lasting for more than 2 weeks.

Latest guidelines recommend to do sputum examination and a chest X ray for any symptomatic patient suggestive of TB (Annexure I). Further, it is necessary to maintain a presumptive TB register at each outpatient department (OPD). It is expected to refer about 2% of OPD attendees for TB screening, the usual estimated proportion of patients with respiratory symptoms.

The sputum microscopy testing is carried out at Microscopic Centers located in identified hospitals/ District Chest Clinics. Presently, most of the microscopic centers are underutilized due to inadequate referrals (Annexure II).

Please advocate your staff in OPD, Medical wards, Pediatric wards, other wards and clinics to carry out following actions to end TB by 2025 in Sri Lanka.

- 1) Screen and refer all patients with symptoms and signs suggestive of TB for sputum microscopy and chest X ray (as per availability). Hospitals, without microscopy facilities shall collect and transport sputum samples to nearest microscopy center.
- 2) Provide special emphasis on high risk groups(elderly, diabetics, patients with chronic kidney diseases and other immunosuppressed) presenting with symptoms suggestive of TB (i.e.,cough for any duration) and refer them for sputum microscopy and chest X ray.
- 3) Facilitate carrying out chest X rays for OPD referrals of presumptive TB patients by giving priority.
- 4) Maintain presumptive TB registers in the OPD(Annex III) and monitor daily by identifying the missing cases between OPD and Microscopy center and take necessary actions.
- 5) Maintenance and review of a presumptive TB register is a responsibility of Senior Medical Officer (OPD).

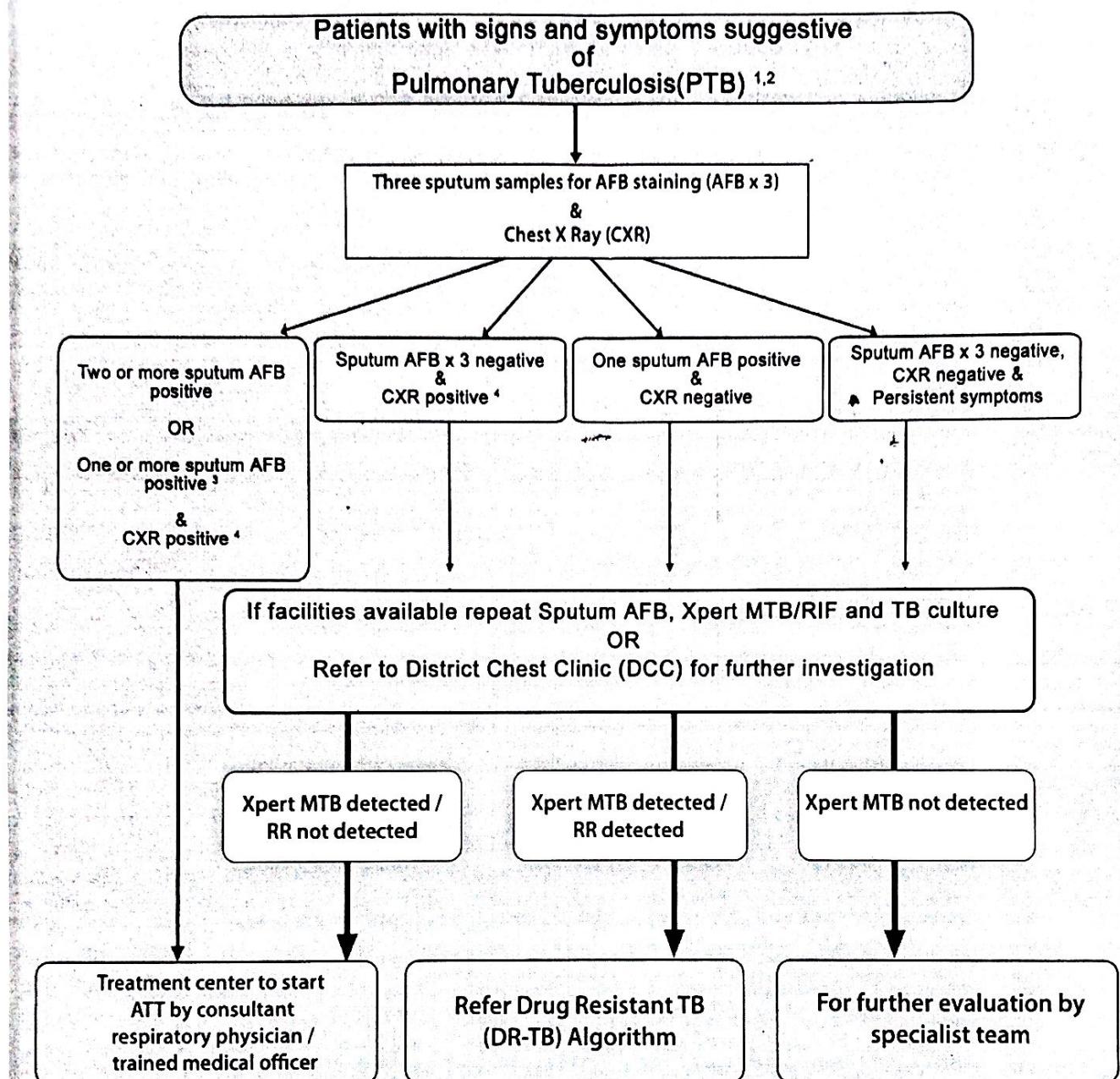
Your valuable contribution in ending TB in Sri Lanka by 2025 will be highly appreciated. Please contact NPTCCD (Tel: 011-2368386/ District Chest Clinics for more information (Annex IV)

Thank you,

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Dr Anil Jasinghe,
Director General of Health Services,
Ministry of Health, Nutrition and Indigenous Medicine

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Diagnostic Algorithm for Tuberculosis



1. Key symptoms of TB are cough of 2 weeks or more and/or chest pain, shorness of breath, haemoptysis. In immunosuppressed individuals and in elderly people (60 years or more of age) cough of any duration should be considered.
Other symptoms of TB are loss of appetite, tiredness, loss of weight or failure to gain weight in children, low grade fever, night sweats.
2. Pulmonary tuberculosis suspects with high risk should be referred urgently / early to District Chest Clinics or situation where no other diagnosis to be consider. These High-risk categories include Health care workers (HCW), Patients living with HIV (PLHIV), prisoners, drug addicts, close contacts of Bacteriologically confirmed PTB patients and patients with past tuberculosis or immunosuppression.
3. If two or more sputum samples are positive without chest x-ray , the patient should be referred for treatment
4. Positive chest X-ray is defined as any abnormality that could be consistent with TB

Abbreviations

AFB - Acid Fast Bacilli , Xpert - Gene Xpert , MTB - Mycobacterium Tuberculosis, RR - Rifampicin Resistance, ATT - Anti Tuberculosis Treatment

TUBERCULOSIS is completely cured with proper treatment



National Programme for Tuberculosis Control & Chest Diseases

Ministry of Health, Nutrition & Indigenous Medicine



Functioning Microscopic Centers/sputum collection centers in Sri Lanka: 2019 - January

RDHS Area	Functioning Microscopic centers at hospitals/ District Chest Clinics	Sputum collection centers
Ampara	Chest Clinic Ampara DGH Ampara BH Dehiattakandiya BH Mahaoya	
Anuradhapura	Chest Clinic Anuradhapura BH Padaviya BH Thabutthegama DH Kahatagasdigiliya DH Nnochchiyagama DH Kekirawa DH Eppawala DH Medawachchiya BH Kebithigollewa DH Habarana DH Medawachchiya CD Galkulama DH Nelubewa DH Vilachchiya DH Kalawewa DH Horopathana DH Mihinthale DH Rambewa	TH Anuradhapura
Badulla	Chest Clinic Badulla BH Diyatalawa BH Welimada BH Mahiyanganaya DH Giradurukotte DH Kandeketiya DH Meegahakurula DH Passara DH Uwaparanagama DH Dambana DH Haldummulla DH Bandarawela DH Haputhale DH Koslanda	CD Ella
Batticaloa	Chest Clinic Batticaloa BH Kalawanchchikudy BH Valaichenai TH Batticaloa BH Katthankudi	DH Ariyampathy

Colombo	Chest Clinic Colombo BH Awissawella BH Homagama DH Moratuwa DH Piliyandala DH Wethara IDH Angoda NIMH Angoda DH Padukka Prison Hospital BH Mulleriyawa DH Maligawattha CD Sedawattha National Hospital, Sri Lanka Kotalawala Defense University Colombo South Teaching Hospital	
Galle	Chest Clinic Galle BH Udugama BH Balapitiya BH Elpitiya DH Ambalang OHC Habaraduwa	
Gampaha	Chest Clinic Gampaha DGH Gampaha DGH Negombo BH Wathupitiwala BH Mirigama DH Diwulapitiya DH Minuwangoda DH Kiribathgoda DH Dompe National Hospital for Respiratory Diseases, Welisara	CD Pamunugama Wijaya kamarathunga Memorial Hospital DH Akaragama CD Malwathuhiripitiya DH Ja ela DH Bokalagama DH Kandana DH Biyagama DH Radawana DH Udupila CD Piyangoda CD Hendala North Colombo Teaching Hospital
Hambantota	Chest Clinic Hambanthota BH Tissamaharamaya BH Tangala DH sooriyawewa DH Walasmulla	

Jaffna	Chest Clinic Jaffna BH Tellippalai BH Chawakachcheri BH Kayts BH Point Pedro DH Chandana	
Kalmunai	Chest Clinic Kalmunai BH Pothuwil BH Akkaraipaththu BH Kalmunai North AMH Kalmunai	
Kaluthara	Chest Clinic Kaluthara BH Horana BH Panadura DH Beruwala	
Kandy	Chest Clinic Kandy DH Thalatuoya DH Wattegama BH Gampola DH Galagedara DH Kadugannawa BH Nawalapitiya DH Akurana DH Theldeniya Prison Hospital-Bogambara Open Prison - Kandy TH Kandy	CD Madol kale
Kegalle	Chest Clinic Kegalla BH Karawenella BH Warakapola DH Aranayake DH Mawanella D H Rambukkana	
Kilinochchi	Chest Clinic Kilinochchi	
Kurunegala	Chest Clinic Kurunegala DH Dambadeniya DH Dunakadeniya DH Galgamuwa DH Gokarella DH Hettipola DH Hiripitiya	

	DH Kuliyapitiya DH Maho DH Nikaweratiya DH Polgahawela DH Polpitigama DH Ridigama DH Sandalankawa DH Wariyapola DH Mawatagama	
Mannar	Chest Clinic Mannar DH Murunkan	
Matale	Chest Clinic Matale BH Dambulla DH Yatawatta DH Rattota DH Galewala	
Matara	Chest Clinic Matara BH Deniyaya BH Kamburupitiya DH Weligama DH Morawaka DH Dickwella	DH Pallegama DH Urubokka Galbokka DHKirinda Puhulwella
Monaragala	Chest Clinic Manaragala DH Medagama DH Wellawaya DH Bibila DH Thanamalvila BH Siyambalanduwa DH Okkampitiya DH Badelkumbura BH Katharagama BH Butthala	
Mullaithivu	Chest Clinic Mullaithivu DGH Mullathivu	
NuwaraEliya	Chest Clinic NuwaraEliya BH Rikillagaskada	
Polonnaruwa	Chest Clinic Polonnaruwa PU Bakamuna DH Hingurakgoda BH Medirigiriya RH Welikanda DH Pulasthigama	Kandakaduwa Prison CD Nuwaragala

Puttalam	Chest Clinic Pullalam GH Chilaw BH Marawila DH Dankotuwa DH Anamaduwa BH Putthalam	
Rathnapura	Chest Clinic Rathnapura BH Embilipitiya PU Kiriella BH Balangoda BH Kahawatta DH Eheliyagoda DH Kalawana PH Kuruvita DH Godakawela DH Kolonna	
Trincomalee	Chest Clinic Trincomalee BH Kanthalae BH Kinnya BH Mutur	PU Chelwanayapuram
Vavuniya	Chest Clinic Vavniya BH Cheddikulam	

Presumptive TB Register (Specimen)*

Annexure III

Date Referred for Sputum Examination	TB Suspect No.	Name in Full	Sex	Age	Complete Address	Contact Number	Date Results Received	Result of Examination			X-ray Requested Result	GeneXpert Requested Result	Diagnosis	Action taken **
								1	2	3				

* To be used a suitable book based on this specimen

* Action Taken: DTB No, Referred to Medical Clinic, referred to CRP, Referred to DCC, Send for Culture.

Contact Numbers and Addresses of District Chest Clinics – 2019

SN	District Chest Clinic	Address	Land Line No.	Mobile No.
01.	Ampara	DTCO,Chest Clinic ,Near the General Hospital Kalmunai Road, Ampara	063- 2224165	071 - 4496575 077- 7412092
02.	Anuradhapura	DTCO ,Chest Clinic, Near St. Josephs College Bulankulama Disa Mawatha, Anuradhapura	025- 3852155	071- 5451760
03.	Batticaloa	DTCO, Chest Clinic, Hospital Road, Batticaloa	065 - 2222678	077 - 3269488
04.	Badulla	DTCO, Chest Clinic, General Hospital, Badulla	055 - 2222483	071 - 4399910
05.	Colombo	DTCO,Central Chest Clinic, Base line Road, Colombo 08	011 - 2675274	071 - 8273901
		DTCO, Chest Clinic, Colombo South Teaching Hospital	011- 2763261	071 - 8135787
06.	Galle	DTCO, Thaseem Chest Clinic, Wakwella Road, Galle	091 - 2234196	077 - 3568256
07.	Gampaha	DTCO, Chest Clinic (Gampaha),Premises of Chest Hospital ,Weligama	011 - 2960155	077 - 7871985
08.	Hambantota	DTCO, Chest Clinic, Base Hospital, Hambantota	047 - 2220574	071 - 8410776
09.	Jaffna	DTCO, Chest Clinic, No.16, Clock Tower Road, Jaffna	021 - 2222494	077 - 9352469
10.	Kalmunai	DTCO, Chest Clinic, District Hospital, Samanthurai	067 - 2260601	077 - 2516192
11.	Kaluthara	DTCO, Chest Clinic ,Teaching Hospital, Nagoda, Kalutara	034 - 2222677	071 - 8616269
12.	Kandy	DTCO, Chest Clinic, Bogambara Road ,Kandy	081 - 2222071	071 - 5601060
13.	Kegalle	DTCO, Chest Clinic, Bulathkohupitiya Road, Kegalle	035 - 2232431	077 - 2096226
14.	Kilinochchi	DTCO, Chest Clinic ,District General Hospital, Kilinochchi	021 - 2283709	077 - 2516192
15.	Kurunegala	DTCO, Chest Clinic, SuwaMedura, Puwakgas Junction, Kurunegala	037 - 2224439	071 - 4971745
16.	Mannar	DTCO ,Chest Clinic ,District General Hospital, Mannar	023 - 2251554	071 - 8189073
17.	Mathale	DTCO ,Chest Clinic ,District General Hospital, Matale	066 - 2224888	071- 4859250
18.	Matara	DTCO, Matara Chest Clinic, No. 9, Rahulaharaspara, Matara	041 - 2222134	071- 6037752
19.	Monaragala	DTCO, Chest Clinic ,Base Hospital ,Monaragala	055 - 2277354	071 - 5330211
20.	Mullathivu	DTCO, Chest Clinic, Base Hospital, Mullathivu	021 - 2061418	077 - 1554788
21.	NuwaraEliya	DTCO, Chest Clinic, Base Hospital, NuwaraEliya	052 - 2051655	071 - 4564277
22.	Polonnaruwa	DTCO, Chest Clinic, General Hospital, Polonnaruwa	027 - 2225570	070 -3073811
23.	Rathnapura	DTCO, Chest Clinic, Hospital Road, Rathnapura	045 - 2222268	071 - 8179580
24.	Trincomalee	DTCO, Chest Clinic, General Hospital, Trincomalee	026 - 2221026	077 - 8256288
25.	Vavuniya	DTCO, Chest Clinic, General Hospital, Vavuniya	024 - 2221421	077- 2093228
26.	Puttalam	DTCO, Chest Clinic, Colombo Road, Puttalam	032 - 2265361	071 - 8381091