



PPHI Sindh

7th Round of Free Tuberculosis Screening and Treatment Camps Report





Introduction:

TB is an infectious disease caused by the bacillus *Mycobacterium tuberculosis*. It typically affects the lungs (pulmonary TB), but can also affect other sites (extrapulmonary TB). The disease is spread when people who are sick with pulmonary TB expel bacteria into the air, for example by coughing.

According to World Health Organization (WHO) Global TB Report of 2018, there were an estimated **10 million** new (incident) **TB cases** worldwide in 2017, of which 5.8 million were men, 3.2 million were women and 1 million were children. In 2017, **1.6 million people died from TB which makes TB as one of the top 10 causes of death** worldwide. However, TB deaths fell by 33% from 2000-2017 and 54 million lives were saved. The **treatment success rate** for people newly diagnosed with TB was **82%** in 2016. Estimated MDR/RR-rate in 2017 was 14 per thousand. Treatment coverage proportion was 68% and it has been targeted approximately to 90% till 2025.

According to World Health Organization, Pakistan, with an estimated 510 000 new TB cases emerging each year and approximately 15 000 developing drug resistant TB cases every year, is ranked fifth among B high-burden countries worldwide and it accounts for 61% of the TB burden in the WHO Eastern Mediterranean Region. Pakistan is also estimated to have the fourth highest prevalence of multidrug-resistant TB (MDR-TB) globally. Key reasons for emergence of drug resistance form of TB include: delays in diagnosis, unsupervised, inappropriate and inadequate drug regimens, poor follow-up and lack of a social support program for high-risk populations.

Moreover, national TB control program highlights prevalence, incidence and mortality per 100,000 population per year from TB as 348, 276 and 34 respectively. At provincial glance, total incident cases of TB in 2016 were 67,987 and case notification rate was 155 per 100,000.

About Camps:

PPHI Sindh has signed a Memorandum of Understanding (MOU) with Provincial TB Control Program (PTP). Under the same MOU, PPHI Sindh has held monthly coordination meetings, trained in-charge Medical Officers (MOs) and dots facilitators and organized Free TB camps in collaboration with PTP.

PPHI Sindh has been organizing these camps since 2017 and has so far arranged seven rounds of multiple camps. The aim of all these camps was to identify the positive cases TB and their treatment. PPHI Sindh ensured the accessibility of community to both medical doctors and paramedics for free checkups, screening services and treatments. Free lab services for sputum collection and definitive diagnosis along with free medicines were provided to the presumptive and confirmed cases, respectively.



The camps were advertised through print media, radio announcements and promotional walks. Awareness was also raised through community meetings, school health sessions and announcements in mosques. The Lady Health Workers (LHWs) attached to the respective health facilities also conducted community mobilization sessions.

Recently, PPHI Sindh organized 7th round of TB camps at 52 different sites in 22 districts of Sindh for 3 days (4 to 6 December, 2018) to achieve a rapid improvement in case detection rate of TB patients.

Objectives of arranging free TB Camps:

1. To increase the number of notified TB cases from 298,981 in 2013 to at least 420,000 by 2020 while maintaining the treatment success rate at 91%
2. To reduce by at least 5% per year by 2020 the prevalence of MDR-TB among TB patients who have never received any TB treatment.
3. Strengthen programmatic and operational management capacity of the TB Control Program while enhancing public sector support for TB control by 2020.

Advertisement:

PPHI Sindh in collaboration with Government of Sindh is conducting a

Three-Day Free TB Diagnostic Camps

at 53 Health Facilities in 22 districts of Sindh

From 4th to 6th December, 2018
(9:00am to 4:00pm)

If you have:

- 1 Cough more than two weeks old
- 2 Blood in sputum
- 3 Fever at night with chills
- 4 Rapid weight loss

Then visit the camp for:

- Screening for Tuberculosis
- Health Information & Check up
- Free TB medicine to confirmed cases

For further information:
www.pphisindh.org | www.facebook.com/pphiofficial | info@pphisindh.org | 0800 77755

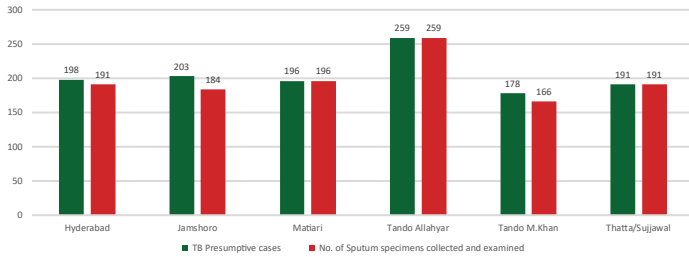
**Results of 7th round of free TB Camps:**

Region	Total Camps	TB Presumptive cases	No. of Sputum specimens collected and examined	Number of TB cases Diagnosed					No. of eligible presumptive TB cases for Gene-Xpert screening	No. of presumptive TB cases referred for Gene-Xpert	No. of MTB positive cases	No. of RR Positive cases
				screening %	AFB Positive	AFB Positive %	Clinical Positive	Total Positive				
Hyderabad	12	1225	1187	97	12	1	25	37	60	61	1	0
Mirpurkhas	12	1914	1910	100	28	1	4	32	32	32	0	0
Larkana	13	1479	1479	100	16	1	2	18	18	18	0	0
Sukkur	12	1905	1860	98	22	1	11	33	26	18	0	0
Grand Total	52	6523	6436	99	78	1	42	120	136	129	1	0

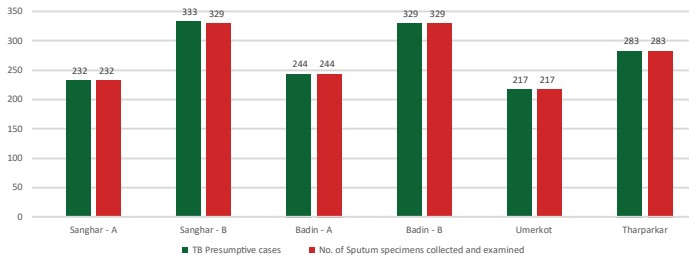


Graphical representation of results of 7th Round of free TB Camps:

HYDERABAD REGION



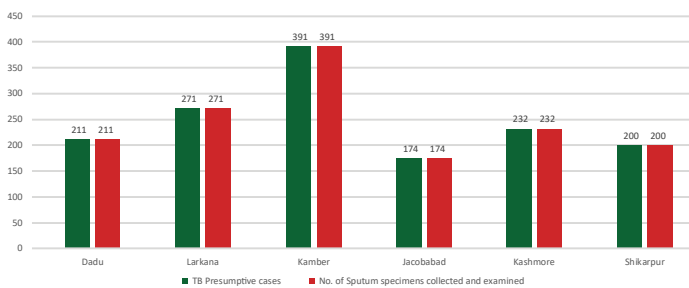
MIRPURKHAS REGION



SUKKUR REGION

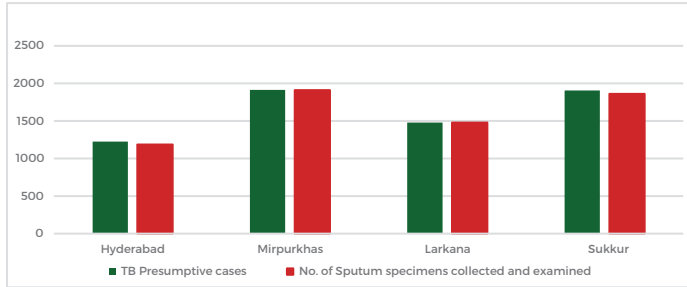


LARKANA REGION





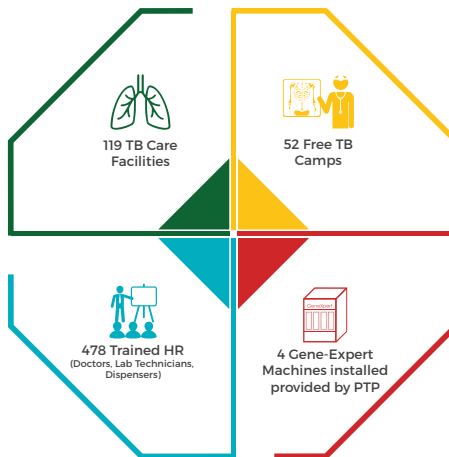
No. of TB Presumptives Vs. No. of Sputum Microscopy screened during 7th Round of free TB Camps



Overall chest camps performance

	Total Camps	Total OPD	Total Patients Screened	Number of TB cases Diagnosed		
				AFB Positive	Clinically Positive	Total Positive
CAMP 1	31	9210	1812	53	78	131
CAMP 2	34	7697	1725	45	30	75
CAMP 3	47	10823	2989	48	65	113
CAMP 4	58	26721	6360	82	54	136
CAMP 5	74	8161	5758	82	14	96
CAMP 6	66	7947	5340	65	30	95
CAMP 7	52	6523	6436	78	42	120

PPHI Sindh's contribution towards TB control





SPUTUM CUPS VERIFICATION AGAINST PATIENTS' TB FORM



PRESUMPTIVE CASE BEING REGISTERED FOR SMEAR MICROSCOPY



IEC MATERIAL FOR TB AWARENESS BEING DISTRIBUTED



CHEST EXAMINATION TO HEAR THE RESPIRATORY SOUNDS



MOHQ DOING A COUNTER VERIFICATION OF AFB POSITIVE SLIDE



LYMPH NODES EXAMINATIONS TO RULE OUT EXTRA PULMONARY TB





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A company set up under section 42 of The Companies Act 2017