



## **KUSHT NIYANTRAN EVUM UNMOOLAN SAMITI (KNEUS)**

**11, Knowledge Park-1, Greater Noida (U.P.)-201310**



### **ANNUAL REPORT YEAR- 2015**

#### **BACKGROUND INFORMATION**

KUSHT NIYANTRAN EVUM UNMOOLAN SAMITI (KNEUS) is a registered voluntary organization working for Leprosy, HIV/AIDs, Tuberculosis and other communicable diseases in the states of Uttar Pradesh, Uttarkhand and Delhi for almost two decades. In the year 1987, KNEUS started working in 57 leprosy colonies in the western UP and treated over 5,000 leprosy patients. In 1992, this work was extended to villages and cities, where through house to house surveys and health education programs patients were detected and treated. The leprosy focused services carried out by the organization have been extended to tuberculosis after integration of leprosy treatment into general health in 2003. The systematic and scientific approach planned and implemented by KNEUS has yielded desired result several folds. This is evident from the fact that nearly 47,394 number of medical interventions for leprosy affected persons and 25,617 number of tuberculosis affected persons have been undertaken by the organization as on December 2015.

#### **Tuberculosis**

India has the highest burden of Tuberculosis in the world, accounting for approximately one fifth of the global incidence – an estimated 2 million cases annually. TB is a curable and preventable disease and yet it causes significant morbidity and mortality, which is a cause of serious concern. The Revised National Tuberculosis Control Program has completed 15 years of its implementation with four years of full nation-wide coverage. Since its inception in the districts of GauthamBudh Nagar, Ghaziabad, JyotibaPhule Nagar, Bijnor, Jhansi, Jaunpur, Maharajganj and Haridwar by Kusht Niyantaran Evum Unmoolan Samiti the program has initiated over 26,500 patients on treatment thus saving more than 3 lakh lives. In 2003, when the program was initiated in Bijnor and GauthamBudh Nagar districts, KNEUS registered 167 patients and put them on DOTs. Today the program has achieved the global targets of 70% case detection and 85% cure rates in new smear positive patients in the project areas. These are encouraging trends for RNTCP as it steadily works towards achieving the

Millennium Development Goals by 2015. The ultimate goal of the program remains a “TB-free India”, and clearly it is a long journey towards this goal.

KNEUS has 3 Designated Microscopic Centers (DMCs) of Revised National Tuberculosis Control Program (RNTCP) under Public Private Partnership with the Government of U.P. in Bhangel and Sec-10 of GautamBudh Nagar and Saidnagali of J.P.Nagar district. Most of the population living in the two urban DMCs, Bhangel, Sec-10 is migrants and unauthorized settlement consists of more than 2.5 lakhs.



Diagnosis by Medical Officer at DMC Sec-10



Microscopy by Lab Technician at DMC Sec10

They are socially, economically backward and marginalized. Health facilities in this area are very pathetic. People are suffering due to lack of basic civil facilities. The population of this area cannot be accurately censured because of the frequent in and out of people from this area. The development of women and children residing in the target area are in risk due to lack of health and educational facilities. Majority of the population belongs to lower class. The living condition is also pathetic. Half of the children in this area below 14 yrs are going for work. And DMC Saidnagali is covering very remote of the rural area. There are lack of health facilities and awareness.

Three KNEUS DMCs are working for the health care of the people residing in the area since 2003. It has a long history of supporting health services at the community level, often with remarkable effectiveness and rapport with communities. KNEUS also have capacity to provide excellent treatment support, counseling for patients, and contributes to public health oriented activities in TB treatment, namely address verification and default retrieval. Through these centers free sputum checkup and medicines are given to the people those who are suffering from tuberculosis, leprosy and other communicable diseases. Majority of the population approaching this centre are below poverty line. The staffs in this centre are giving health education to the people. The District Health Society was providing training and

technical guidance and performs laboratory quality control. They monitor diagnostic quality (three smears taken for diagnosis and two for follow-up, proportion of positive smears, and proportion of smear –negative cases, if any).

Ever since KNEUS signed Memorandum of Understanding (MoU) with District Tuberculosis Officer (DTO) on behalf of District Health Society (DHS) on 29.10.2003 it has registered and treated 26,500 Tuberculosis patients so far in this colony and villages till 2016 December. Year- wise details are given below.



Executive Director of KNEUS program  
discuss with KNEUS staff at Bhangel DMC



Home visit by KNEUS staff and asking with  
patient about progress

## YEAR WISE CONSOLIDATED ACHIVEMENT OF KNEUS

Year	Total no. of OPD attendance	Total no. of TB suspects examined	Total no. of TB sputum diagnosed smear +ve.	% of Smear positive cases among suspect.	Total no. of case registered under RNTCP	Treatment successfully completed (%)
2003	9422	701	78	11.1	167	78.5
2004	28098	2882	442	15.3	938	87.05
2005	42872	5283	855	16.2	1473	88.53
2006	49489	7267	996	13.7	2042	91.21
2007	44844	6184	957	15.5	2080	91.34
2008	59125	5687	1007	17.7	2137	92.02
2009	57428	8851	1244	14.1	2393	91.94
2010	55721	6943	1262	18.2	2661	93.61
2011	57871	7708	1379	17.9	2894	93.04
2012	51646	7133	1286	18.0	2794	91.7
2013	44442	6756	1119	16.6	2584	92.3
2014	32414	5871	907	15.4	2161	94.04
2015	20597	3805	502	13.2	1293	92.84
<b>TOTAL</b>	<b>553969</b>	<b>75071</b>	<b>12034</b>	<b>15.6</b>	<b>25617</b>	<b>...</b>

**PERFORMANCE REPORT OF KNEUS DMCs BHANGEL , NOIDA, SEC-10  
GAUTAM BUDDH NAGAR AND SAID NAGLI J..NAGAR IN THE YEAR- 2015**

**Population Covered: 3.5 Lakh**

**Case Detection(1st January, 2015- 31st December, 2015)**

Indicators	Bhangel	Sec10	Said Nagali	Total
Number of Patient in OPD.	7647	6219	2729	16595
No. of suspect examined	683	1175	755	2613
No.of Smear positive cases among suspect.	96	195	86	377
% of Smear positive cases among suspect.	14.06	16.60	11.39	14.43
New Smear Sputum Positive diagnosed.	67	144	88	299
Total patient registered for treatment.	261	528	146	935
Annual Case Detection Rate				267

**Sputum Conversation Rate(1<sup>st</sup> Quat.2015-4<sup>th</sup> Quat.2015)**

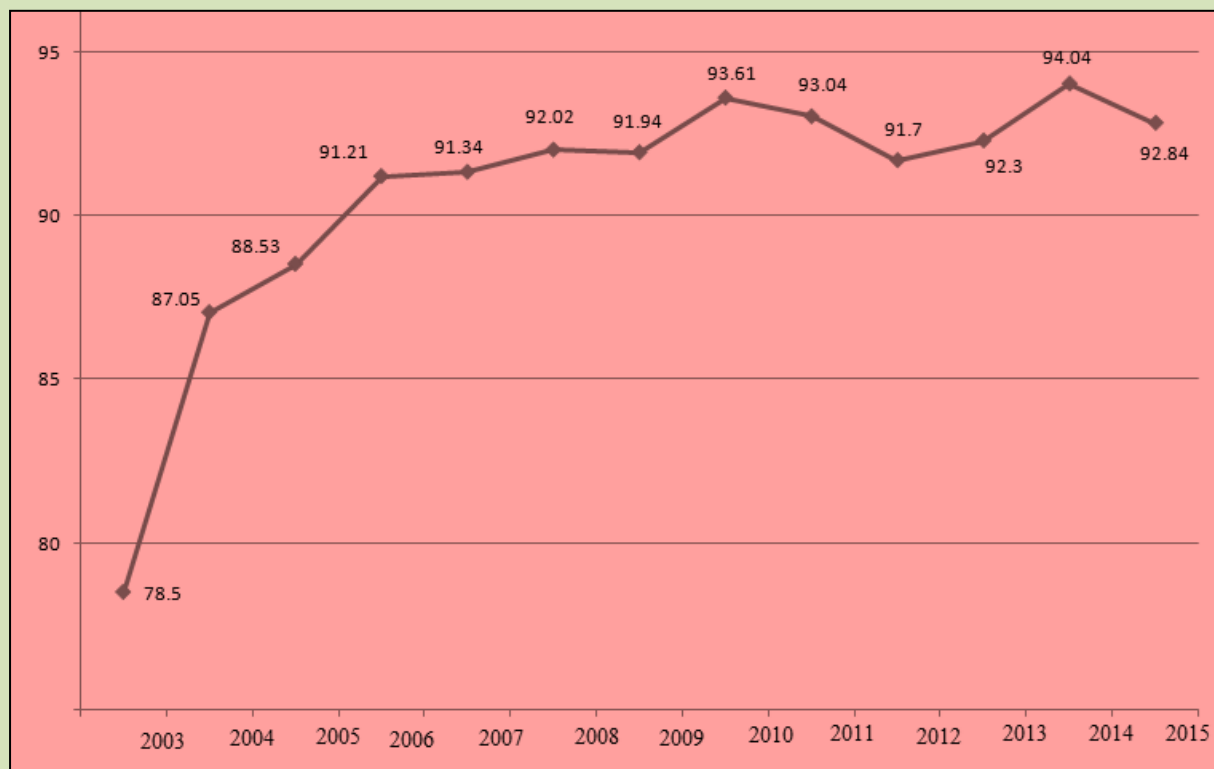
Indicators	Bhangel	Sec10	Said Nagali	Average %
New Smear Sputum Positive Cases	98.25	89.52	100	95.92
Re-Treatment Cases	89.33	83.2	100	90.84
Total/Average	93.79	86.36	100	93.38

**Treatment Out Come(1st January, 2014- 31st December, 2014)**

Indicators	Bhangel	Sec10	Said Nagali	Total	Out come in %
Registered	363	465	162	990	
Cured	137	149	104	390	39.39
Completed	204	288	49	541	54.65
Failure	6	6	0	12	1.21
Defaulter	9	6	6	21	2.12
Died	8	10	0	18	1.82
Others	0	6	3	9	0.91

KNEUS DMC Annual New Sputum Smear Positive Case Notification Rate as per RNTCP status report of 2014 is 83/ 1 lakh population in Gautam Budh Nagar district and 84.4/ 1 lakh population in KNEUS DMC area in Bhangel & Sec 10 and Annual New Sputum Smear Positive Case Notification Rate 79/1 lakh population in Jyotiba Phule Nagar district and 88/1 lakh population in KNEUS DMC area in Saidnagli block. KNEUS have achieved treatment success rate more than 92% which trend is given below-

#### **TREATMENT SUCCESS RATE BY ALL KNEUS DMCS**



The District authority regularly visits our DMCs and verifies the work. The centers are operational on 6 days a week and provide proper OPD services to the people of the area. KNEUS always thrusts in quality work and better services to the poor and needy of the region.

Place: Greater Noida  
Dated: 05.03.2017

Fr. Shaji Joseph  
Executive Director