

## **Ensuring uninterrupted drug supply & lab linkages amidst lockdown**

The DO letter from Central TB division (CTD) received on 25.03.2020, directs to provide uninterrupted TB services to all TB patients, especially the lab services as well as the treatment services.

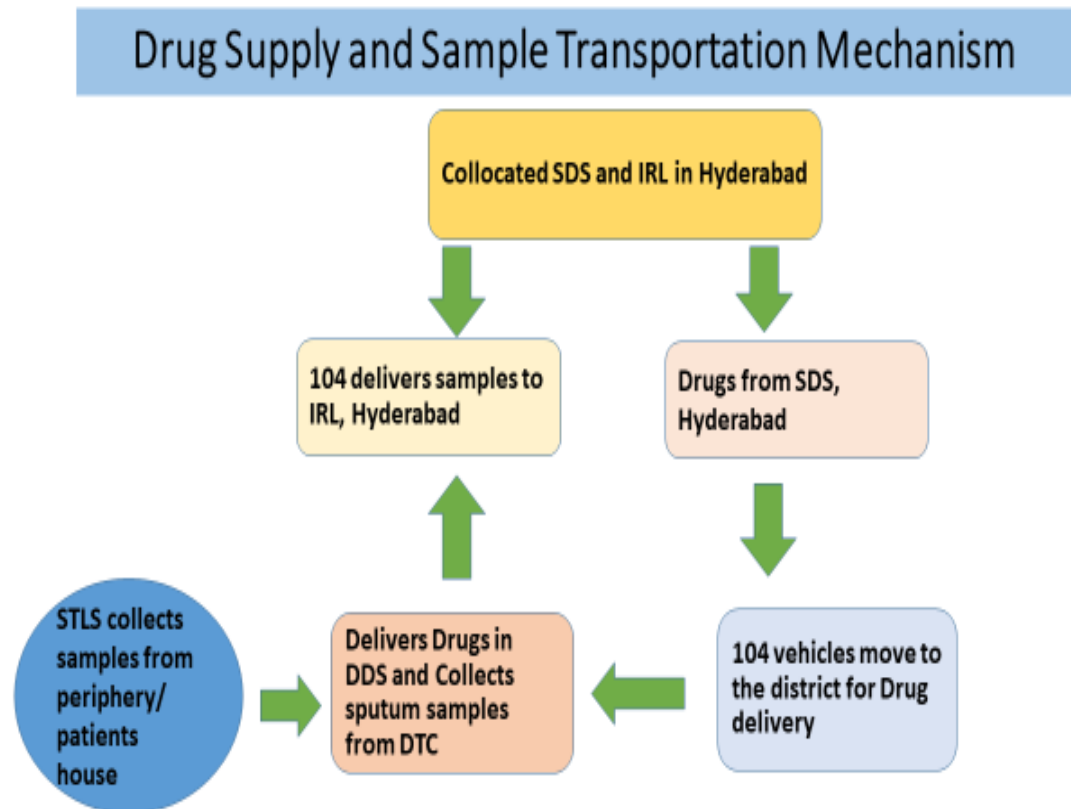
States were strongly recommended to provide every patient on treatment with one month's advance supply of ATT drugs, preferably to the doorstep of individual patient household. In an effort to facilitate the Telangana State adopted the following measures

1. A communication to all districts from STO to provide uninterrupted TB services was sent.
2. Complete line list of First line and second line drug stock was obtained from Nikshay Aushadhi. Similarly, Drug requirement forecasting was done for supplying drugs to the districts.
3. Stock of CBNAAT cartridges in the district was taken in order to plan the additional requirement of cartridges to be provided.
4. Line list of lab consumables in IRL for LPA and LC was ensured to be in place.
5. DTOs of Greater Hyderabad Municipal Corporation (GHMC) which includes 3 districts Hyderabad, Rangareddy and Medchal ensured to deliver the samples for CBNAAT testing and LPA testing in their own vehicle.

In due course of time a decision was taken by the state to utilize 104 vehicles for drug delivery and sample collection and transportation. In order to ensure the successful implementation of the plan -

1. A route map was prepared by the state team for drug delivery and sample collection in the districts.

2. All STLS in the districts were instructed to collect samples from periphery and send the samples to IRL in the same vehicle through which drugs were being delivered.
3. All 33 districts were covered in the route map date wise.



Even before the State/ Center imposed the lock down, the State office proactively prepared a roster of drug mobilization from State HQ Hyderabad to respective 33 District HQs. This activity was completed over a span of 2 weeks [8<sup>th</sup> March- 24<sup>th</sup> March 2020].

Once the drugs arrived at District HQ, the corresponding STS/TB HV mobilized the drug to further PHIs and up to Patient household as appropriate.

**As of 5th May 2020, status of 1 month advance ATT drug supply to Patient Doorstep**

Number of TUs	Number of Patients where door step delivery done	Proportion of total running cases covered with door step drug delivery
104 TUs	19344	91-100%
31 TUs	5044	76-90%
15 TUs	1506	51-75%
10 TUs	1857	31-50%
4 TUs	853	21-30%
6 TUs	637	10-20%

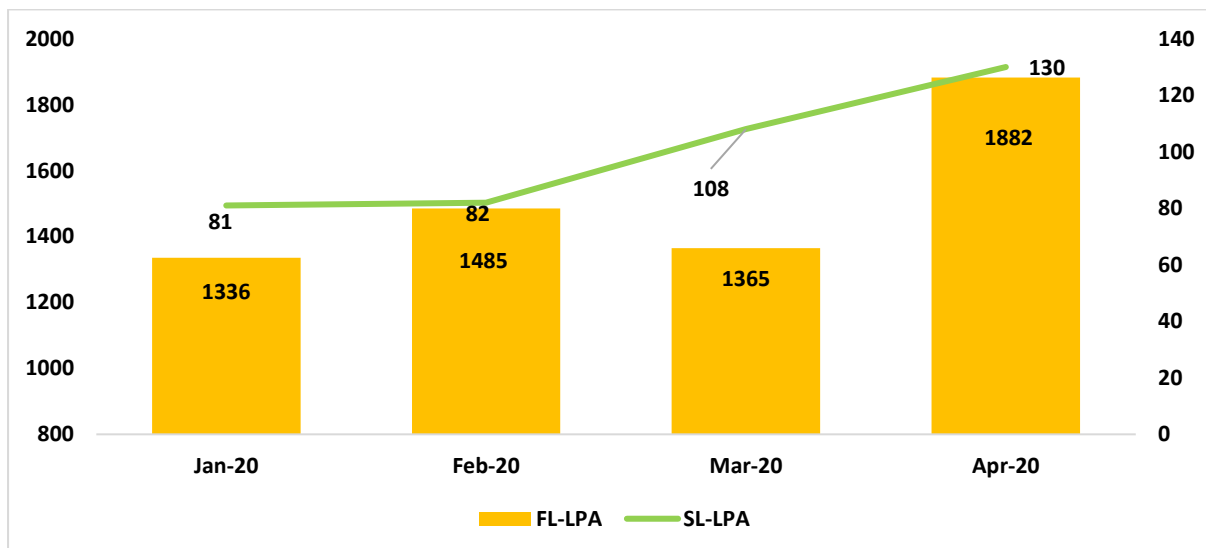
Total Number of running cases as per Nikshay as on 5th May 2020= 40,147

Total number of current cases, given 1 month advance ATT at door step = 29241

% of Total patients on treatment who availed 1 month advance drug delivery at doorstep= 73% [ 29, 241/40,147]

**Efforts are underway to reach 100% in Public sector.**

**Impact of pro-active planning and execution for boosting lab linkages in lock down:**



- Following the above Drug and Sputum transportation mechanism IRL, Hyderabad received 2616 cases during the lockdown period from 22<sup>nd</sup> March to 30<sup>th</sup> April 2020. The district wise samples received for various testes are mentioned in the table below

<b>District Wise samples received in IRL,Hyderabad</b>						
<b>FROM 22-03-2020 TO 30-04-2020</b>						
<b>S.No</b>	<b>Name of District</b>	<b>FLLPA</b>	<b>SLLPA</b>	<b>FOLLOW-UP</b>	<b>Rejected cases</b>	<b>Total</b>
1	Adilabad	2	0	0	0	2
2	Komarambheem Asifabad	28	0	0	0	28
3	Mancherial	1	0	0	0	1
4	Nirmal	44	3	10	0	57
5	Badrachalam	155	11	8	0	174
6	Hyderabad	157	10	29	4	200
7	Karimangar	65	2	15	0	82
8	Peddapalli	83	6	18	0	107
9	Siricilla Rajanna	22	2	11	0	35
10	Jagityal	37	5	43	5	90
11	Mahabubnagar	93	6	13	8	120
12	Jogulamba Gadwal	30	3	7	3	43
13	Wanaparthy	69	5	9	4	87
14	Nakrurnool	39	4	1	1	45
15	Khammam	92	7	19	0	118
16	Nalgonda	99	6	12	5	122
17	Suryapet	81	6	36	2	125
18	Yadadri bhongir	28	0	9	3	40
19	Nizamabad	60	1	20	3	84
20	Kamareddy	36	4	5	0	45
21	Rangareddy	169	16	30	6	221
22	Medchal	68	6	23	0	97
23	Vikarabad	22	2	15	10	49
24	Sangareddy	115	6	10	0	131
25	Siddipet	41	1	3	7	52
26	Medak	37	0	2	0	39
27	Warangal Urban	77	8	21	5	111
28	Warangal Rural	84	7	0	0	91
29	Janagaon	40	2	12	0	54
30	Jayashankar bhupa	74	3	2	0	79
31	Mehboobabad	16	0	9	0	25
32	Mulugu	4	0	0	0	4
33	Narayanpet	42	2	0	3	47
34	Others	6	1	2	2	11
	<b>TOTAL</b>	<b>2016</b>	<b>135</b>	<b>394</b>	<b>71</b>	<b>2616</b>