SUPPLEMENTARY MATERIAL

Clinical profile, risk factors, disease severity, and outcome for COVID-19 disease in patients with tuberculosis on treatment under the National Tuberculosis Elimination Program: a cohort of 1400 patients

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Supplementary Table 1. Characteristics of 1400 tuberculosis patients enrolled for the study.

Variable	Total number of patients for whom data are available (%) or median (interquartile range) n= 1400	Total number of patients with only TB n=1335	Percentage (%)	TB patients also have COVID-19 positivity/Suspect patients n= 65	Percentage (%)	P-Value
Age (Years)						
≤ 45 years	1163	1117	84	46	71	**0.0067**
> 45 years	237	218	16	19	29	
Gender						
Male	708	671	50	37	57	**0.2942**
Female	692	664	50	28	43	
Occupation						
Employed	467	440	33	27	42	**0.1519**
Unemployed	933	895	67	38	58	
BCG vaccination						
Yes	852	818	61	34	52	**0.9602**
No	179	172	13	7	11	
Do not know	369	345	26	24	37	
Comorbidity						
Diabetes mellitus	51	46	3	5	8	
Hypertension	2	1	0	1	2	
Thyroid disorder	2	1	0	1	2	
HIV infection	2	1	0	1	2	
Addiction (Alcohol	0	0	0	0	0	
abuse/Smoking)	0	0	0	0	0	
No comorbidity	1343	1286	96	57	88	

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Variable	Total number of patients for whom data are available (%) or median (interquartile range) N= 1400	Total number of TB patients N=1335	Percentage (%)	COVID-19 positive/Suspect patients n= 65	Percentage (%)	P-Value
TUBERCULOSIS						
Site of TB disease						
Pulmonary	781	752	56	29	45	**0.6331**
Extrapumonary	619	583	44	36	55	
Site of extrapulmonary TB						
Lymphnode	341	324	24	17	26	
Pleural	59	54	4	5	8	
Bone	31	29	2	2	3	
CNS	2	2	0	0	0	
Gastrointestinal	49	45	3	4	6	
Laryngeal	67	62	5	5	8	
Other	70	67	5	3	5	
Previous history of TB						
Yes	178	172	13	6	9	**0.3879**
No	1222	1163	87	59	91	
Drug resistance						
Resistant TB	106	99	7	7	11	**0.5874**
Sensitive TB	1294	1236	93	58	89	
TB Treatment Outcome						
Favorable	465	444	33	21	32	**0.0605**
Unfavorable	29	25	2	4	6	
On Treatment	906	866	65	40	62	

Variable	Total number of patients for whom data are available (%) or median (interquartile range) N= 1400	Total number of TB patients N=1335	Percentage (%)	COVID-19 positive/Suspect patients n= 65	Percentage (%)	P-Value
Covid 19 Vaccination						
Yes	199	174	13	25	38	**0.00001**
No	1201	1161	87	40	62	
1st Dose	189	166	12	23	35	
1st Dose NA	9	7	1	2	3	
2nd Dose	60	50	4	10	15	
2nd Dose NA	138	123	9	15	23	

TB, tuberculosis; CNS, central nervous system; BCG, bacille Calmette-Guerin; NA, not administered.

Supplementary Table 2. Characteristics of 65 tuberculosis patients diagnosed with COVID-19 disease.

Variable	COVID-19 positive/Suspect patients n= 65	Percentage (%)	P- Value
Age (Years)			
≤ 45 years	46	71	**0.00001**
> 45 years	19	29	
Gender			
Male	37	57	**0.1096**
Female	28	43	
Occupation			
Employed	27	42	**0.0687**
Unemployed	38	58	
BCG vaccination			
Yes	34	52	**0.00001**
No	7	11	
Do not know	24	37	
TB Treatment Outcome			
Defaulted	1	2	
Cured	3	5	
Completed	18	28	
On treatment	40	62	
Died	2	3	
Regimen changed	0	0	
Failure	1	2	
Not evaluated	0	0	
COVID-19 Treatment Outcome			
Cured	64	98	**0.00001**
Expired	1	2	
COVID-19			
COVID 19 symptoms-NA	0	0	
Symtomatic	51	78	**0.00001**
Asymptomatic	14	22	

Covid 19 Vaccination			
Yes	25	38	**0.00614**
No	40	62	
1st Dose	23	35	
1st Dose NA	2	3	
2nd Dose	10	15	
2nd Dose NA	15	23	
Variable	**COVID-19 positive/Suspect patients n= 65**	**Percentage (%)**	**P- Value**
Severity of COVID			
Mild	59	91	**0.00001**
Moderate	5	8	
Severe	1	2	
NA	0	0	
Temporal Association			
COVID diagnosed 1st and later TB	33	51	**0.4965**
TB diagnosed 1st and later COVID	29	45	
TB and COVID together	3	5	
NA	0	0	

TB, tuberculosis; BCG, bacille Calmette-Guerin; NA, not administered.