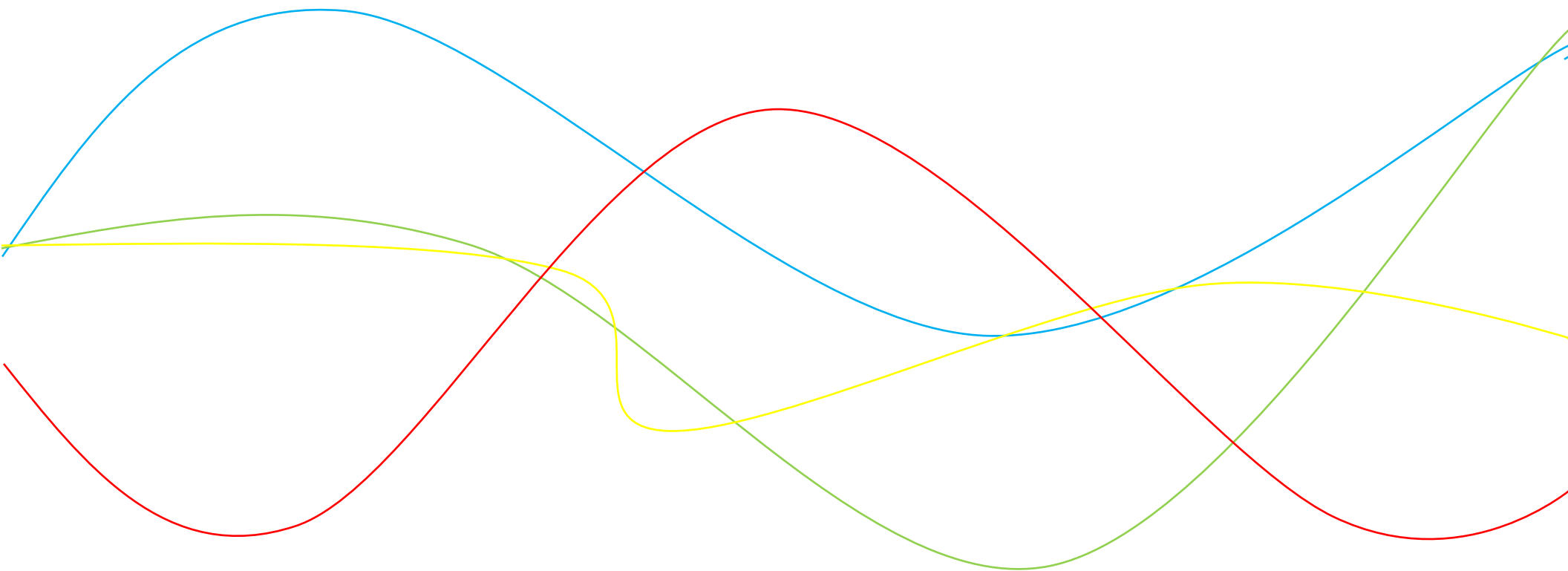


Report on
Keralite tested Positive outside Kerala
June 2020



Department of Health & Family Welfare

Government of Kerala



INDEX

Executive summary..... 3

Table4

Annexure.....5

Details of cases could have possibly got infected in Kerala.....16

Acknowledgment

Report on Keralite tested Positive Outside Kerala

Executive summary

As the first case of COVID19 got detected in Kerala, the Surveillance Unit of Directorate of Health Services was alert to identify the cases and their contacts. Whenever any contacts are found to be of other states, that information was shared with the respective States. Eg the family came from Italy later got detected positive, the inmates of the flights from other states was informed to them.

When the cases started getting detected in other states, the surveillance unit was active to identify the cases getting detected outside Kerala. This was important from the point of view of doing contact tracing here and ensure that the infection source, if it is in Kerala, the containment is possible.

Among the line list from NCDC Portal, a total of 110 persons were tested outside Kerala and found positive as on 30th June 2020. Out of these 3 were duplicate entry and are excluded from the report.

Out of total 107, a total of 96 persons could be studied and it is deduced from the field investigations, the departure time study that 90 persons have not contracted virus in Kerala and the 6 persons have possible chances of got infected in Kerala.

The Department of Health and Family Welfare is further examining the six cases areas regarding number of positive cases and the time period of the symptomatic positives. The teams have been asked to do further back series studies to see whether there were more cases during the same time period. It is also instructed to do more testing in these panchayaths to see whether there is an active infection source in the localized areas.

Table – Persons could not be traced back

District	No of Persons Tested Positive from Outside Lab	Persons who could not be traced	Remarks
Thiruvananthapuram	1	0	No possibility of getting infection from Kerala.
Kollam	10	0	No possibility of getting Infection from Kerala.
Pathanamthitta	8	1 (Phone was switched off)	No possibility of getting infected from Kerala among the persons contacted
Alappuzha	8	0	No possibility of getting infected from Kerala
Kottayam	8	1 (Phone was switched off)	No possibility of getting infected from Kerala among persons contacted
Idukki	10	0	No possibility of getting infected from Kerala
Ernakulam	3	0	No possibility of getting infected from Kerala
Thrissur	9	0	Three cases have got infected from Kerala who had not gone outside the state
Palakkad	9	0	One case possibly would have got infected from Kerala
Malappuram	5	0	One case there is possibility of getting infected from Kerala
Kozhikode	10	2 (Numbers were switched off)	One case there is possibility of getting infected from Kerala
Wayanad	2	0	No possibility of getting infected from Kerala
Kannur	10	2 (1 number not available and 1 number was not getting)	No possibility of getting infected from Kerala among the cases contacted
Kasargod	14	5 (2 were not responding, 1 phone was switched off, 1 was uncooperative and 1 was not available on that number.)	No possibility of getting infected from Kerala among persons contacted
Total	107	11	

SI No	Distri ct	Patient ID	Age (Year s)	Gend er	Current location of the patient	Date on which the patient travelled to outside Kerala	Date of COVID testing in other State	Destination to which the person travelled?	Chances of getting Infected in Kerala
1	TVM	TVM-1-OSP-1	25	M	Delhi	1 year back	16.06.2020	Delhi	Unlikely
2	KLM	KLM-OSP-1	26	F	Delhi	Oct-19	06.06.2020	Delhi	Unlikely
3	KLM	KLM-OSP-2	31	M	Delhi	Dec-19	23.05.2020	Delhi	Unlikely (Infected from workplace)
4	KLM	KLM-OSP-3	24	M	Mumbai(Kolaba)	Dec-19	12.06.2020 &15.06.2020	Mumbai (Kolaba)	Unlikely
5	KLM	KLM-OSP-4	31	M	Kolkatta	Feb-20	03.06.2020 Neg on 23.06	Kolkatta	Unlikely
6	KLM	KLM-OSP-5	48	M	Chennai	15.03.2020	10.06.2020	Chennai	Unlikely (Infected from workplace)
7	KLM	KLM-OSP-6	25	F	Greater Noida,UP	25.02.2020	12.06.2020	UP	Unlikely (Contact from Husband [workplace])

SI No	Distri ct	Patient ID	Age (Year s)	Gend er	Current location of the patient	Date on which the patient travelled to outside Kerala	Date of COVID testing in other State	Destination to which the person travelled?	Chances of getting Infected in Kerala
8	KLM	KLM-OSP-7	11	F	Greater Noida,UP		12.06.2020	UP	Unlikely
9	KLM	KLM-OSP-8	28	M	Noida	Oct-19	19.06.2020	Noida	Unlikely(On HQ from 20.06.2020. Not hospitalized)
10	KLM	KLM-OSP-9	33	M	Tamil Nadu	16-06.2020	17.06.2020,19.06.2020	Tamil Nadu	Unlikely
11	KLM	KLM-OSP-10	27	M	Mumbai	21.6.2020	21.6.2020	Has not travelled to Kerala	Not possible

SI No	Distri ct	Patient ID	Age (Year s)	Gend er	Current location of the patient	Date on which the patient travelled to outside Kerala	Date of COVID testing in other State	Destination to which the person travelled?	Chances of getting Infected in Kerala
12	PTA	PTA-OSP-1	27	F	ALLEPPEY Puthukattil Padeethathil, Karimulakkal, Komalloor PO ChunKKARA,	Dec-19			Could not be traced
13	PTA	PTA-OSP-2	31	M	NEW DELHI	1 year back	11-06-20	NEW DELHI	UNLIKELY
14	PTA	PTA-OSP-3	26	F	GUJRAT	Sep-19	09-06-20	AHMEDABA D	UNLIKELY
15	PTA	PTA-OSP-4	25	F	NEW DELHI	7 months before	13-06-20	NEW DELHI	UNLIKELY
16	PTA	PTA-OSP-5	28	F	NEW DELHI	1 year back	17-06-20	NEW DELHI	UNLIKELY
17	PTA	PTA-OSP-6	24	M	NEW DELHI	Jun-19	15-06-20	NEW DELHI	UNLIKELY
18	PTA	PTA-OSP-7	23	F	Mumbai				UNLIKELY
19	PTA	PTA-OSP-8	24	F	MUMBAI	Aug-19	01-06-20	MUMBAI	UNLIKELY

SI No	District	Patient ID	Age (Years)	Gender	Current location of the patient	Date on which the patient travelled to outside Kerala	Date of COVID testing in other State	Destination to which the person travelled?	Chances of getting Infected in Kerala
20	ALP	ALP-OSP-1	24	F	ELISA HOSPITAL, KAROL BAGH, NEW DELHI				UNLIKELY
21	ALP	ALP-OSP-2	50	F	Alappuzha	NA			UNLIKELY
22	ALP	ALP-OSP-3	5	F	C 132 OMECRON GREATER NOIDA, U.P				UNLIKELY
23	ALP	ALP-OSP-4	45	F	S. N. GENELAB, Surat		5.6.20		UNLIKELY
24	ALP	ALP-OSP-5	46	M	Mumbai		22.6.20		UNLIKELY
25	ALP	ALP-OSP-6	22	M	Sawai Man Singh, Jaipur				UNLIKELY
26	ALP	ALP-OSP-7	23	M	Thamarakulam				2 nd case in Kerala .Had come from Wuhan
27	ALP	ALP-OSP-8	55	M	TamilNadu				UNLIKELY
28	KTM	KTM-OSP-1	24	F	Mumbai	30.12.2020	21.6.2020	Mumbai	Unlikely
29	KTM	KTM-OSP-2	26	F	Delhi	Last visited in 2019	17.6.2020	Delhi	Unlikely

SI No	Distri ct	Patient ID	Age (Year s)	Gend er	Current location of the patient	Date on which the patient travelled to outside Kerala	Date of COVID testing in other State	Destination to which the person travelled?	Chances of getting Infected in Kerala
30	KTM	KTM-OSP-3	23	F	Delhi	2.2.2020	19.6.2020	Delhi	Unlikely
31	KTM	KTM-OSP-4	23	F	Chennai	Jan-20	11.6.2020	Chennai	Unlikely
32	KTM	KTM-OSP-5	22	F	Hyderabad	17.12.2019	12.6.2020	Hyderabad	Unlikely
33	KTM	KTM-OSP-6	24	F	Kolkotta	Jul-19	22.6.2020	Kolkotta	Unlikely
34	KTM	KTM-OSP-7	34	M	8606208831				Unlikely
35	KTM	KTM-OSP-8	25	F					Could not be traced
36	IDK	IDK-OSP-1	26	F	CULCUTTA	11-04-19	21-04-20	NA	Unlikely
37	IDK	IDK-OSP-2	33	M	Delhi	20-03-20	17-06-20	NA	unlikely
38	IDK	IDK-OSP-3	56	M	Peruvanthanam	returned to peruvanthanam after treatmentt on 4th june	18-05-20	NA	Unlikely
39	IDK	IDK-OSP-4	36	M	CULCUTTA	Jun-19	31-05-20	NA	Unlikely
40	IDK	IDK-OSP-5	36	M	CULCUTTA	Jul-19	02-06-20	NA	Unlikely
41	IDK	IDK-OSP-6	25	F	Delhi	Oct-19	02-06-202	NA	Unlikely
42	IDK	IDK-OSP-7	30	M	Delhi	10-06-19	15-06-20	NA	unlikely

SI No	District	Patient ID	Age (Years)	Gender	Current location of the patient	Date on which the patient travelled to outside Kerala	Date of COVID testing in other State	Destination to which the person travelled?	Chances of getting Infected in Kerala
43	IDK	IDK-OSP-8	22	F	Delhi	Apr-19	16-06-20	NA	unlikely
44	IDK	IDK-OSP-9	22	F	Delhi	Apr-19	16-06-20	NA	unlikely
45	IDK	IDK-OSP-10	28	M	Madhura	22-02-20	25-06-20	NA	unlikely
46	EKM	EKM-OSP-1	24	F	Rajiv Gandhi Cancer Institute and Reseach Center, New Delhi	January 3, 2020	10-Jun-2020	New Delhi	Unlikely
47	EKM	EKM-OSP-2	63	M	GMC Kalamassery Ernakulam	January 2020	19-Jun-2020	Nigeria-Bangalore	Unlikely
48	EKM	EKM-OSP-3	30	M	Porbander	15-01-20	02-06-20	Porbander	Unlikely
49	TSR	TSR-OSP-1	28	M	Delhi	January, 2020	13.06.20	Delhi	Unlikely
50	TSR	TSR-OSP-2	33	M	Delhi	28.01.20	06.06.20	Delhi	Unlikely
51	TSR	TSR-OSP-3	66	M	Thrissur		17.06.2020	Katpaddy,Tamil Nadu	Unlikely
52	TSR	TSR-OSP-4	2	F	Mumbai	January,2020	19.06.20	Nigeria	Unlikely
53	TSR	TSR-OSP-5	55	F	Thrissur	Not Travelled outside Kerala	15.06.20	Not Travelled outside Kerala	Have got infected from Kerala

SI No	District	Patient ID	Age (Years)	Gender	Current location of the patient	Date on which the patient travelled to outside Kerala	Date of COVID testing in other State	Destination to which the person travelled?	Chances of getting Infected in Kerala
54	TSR	TSR-OSP-6	74	M	Thrissur	Not Travelled outside Kerala	12.06.20	Not Travelled outside Kerala	Have got infected from Kerala
55	TSR	TSR-OSP-7	49	M	Thrissur	Not Travelled outside Kerala	16.06.20	Not Travelled outside Kerala	Have got infected from Kerala
56	TSR	TSR-OSP-8		M	Chennai	No history of travel to Kerala			Not Possible
57	TSR	TSR-OSP-9	20	F	Thrissur	Travelled Outside Kerala-china		CHINA	First case in Kerala,From Wuhan
58	PKD	PKD-OSP-1	70	M	EXPIRED	02.04.2020	08-04-20	COIMBATORE	UNLIKELY
59	PKD	PKD-OSP-2	65	M	EXPIRED	Dec-19	29.04.2020	MUMBAI	UNLIKELY
60	PKD	PKD-OSP-3	52	F	CHENNAI	2 YR BACK	15.06.2020	CHENNAI	UNLIKELY
61	PKD	PKD-OSP-4	27	M	KATPADI (TAMILNADU)	09-06-20	11.06.2020	TAMILNADU	POSSIBLE
62	PKD	PKD-OSP-5	30	M	DELHI	1 YR BACK	14.6.2020	DELHI	UNLIKELY
63	PKD	PKD-OSP-6	33	M	DELHI	24.04.2020	25.04.2020	DELHI	UNLIKELY
64	PKD	PKD-OSP-7	23	F	DELHI	2YR BACK	24.04.2020	DELHI	UNLIKELY
65	PKD	PKD-OSP-8	23	M	DELHI		01.04.2020		UNLIKELY

SI No	Distri ct	Patient ID	Age (Year s)	Gend er	Current location of the patient	Date on which the patient travelled to outside Kerala	Date of COVID testing in other State	Destination to which the person travelled?	Chances of getting Infected in Kerala
66	PKD	PKD-OSP-8	35	M	DELHI		01.04.2021		
67	MPM	MLP-OSP-1	36	Male	Edarikkode, Malappuram			NA	unlikely
68	MPM	MLP-OSP-2	46	male	Kolkata			in kolkata fromfeb 5	unlikely
69	MPM	MLP-OSP-3	20	male	Guwahati	20-06-2020		16-Jun	possible
70	MPM	MLP-OSP-4	65	male	Thottungal, kannur	16-05-2020		came from kuwait to bhopal 13/5	unlikely
71	MPM	MLP-OSP-5	44	male	Vengara,malappu ram	01-Jun		upto 13/6	unlikely
72	KKD	KKD-OSP-1	23	F	BANGLORE	6-6-20		KOZHIKODE	Unlikely
73	KKD	KKD-OSP-2	47	M	DELHI			KOZHIKODE	Unlikely
74	KKD	KKD-OSP-3	24	M	COIMBATURE	15/6/20		KOZHIKODE	Possible
75	KKD	KKD-OSP-4	31	M	HARYANA	14/5/20		KOZHIKODE	Unlikely
76	KKD	KKD-OSP-5	22	F	DELHI			KOZHIKODE	Unlikely

SI No	Distri ct	Patient ID	Age (Year s)	Gend er	Current location of the patient	Date on which the patient travelled to outside Kerala	Date of COVID testing in other State	Destination to which the person travelled?	Chances of getting Infected in Kerala
77	KKD	KKD-OSP-6	28	M	CHENNAI	3-6-20		KOZHIKODE	Unlikely
78	KKD	KKD-OSP-7	36	M	BHOPAL	3-6-20		KOZHIKODE	Unlikely
79	KKD	KKD-OSP-8	51	M	KOLKATA	7-6-20		KOZHIKODE	Unlikely
80	KKD	KKD-OSP-9	23	M	unavailable				
81	KKD	KKD-OSP-10	39	M	unavailable	unavailable			
82	WYD	WND-OSP-1	24	F	New delhi	1 year back	08.06.2020	New Delhi	Not Possible
83	WYD	WND-OSP-2	24	F	Noida, U P	1 YEAR BACK	11.06.2020	Noida , U P	Not Possible
84	KNR	KNR-OSP-1	28						Could not be contacted
85	KNR	KNR-OSP-2	58						Could not be contacted
86	KNR	KNR-OSP-3	23	f	AT MUMBAI	01/01/2020, MUMBAI	05.06.2020	MUMBAI	Unlikely
87	KNR	KNR-OSP-4	34	M	Chennikatt (H) , Near Village office NADUVIL, Kannur	two years ago went to QUWAIT.	14/5/20, 17/5/20, 30/5/20 17/6/20 from kannur	BHOPAL	Unlikely

SI No	Distri ct	Patient ID	Age (Year s)	Gend er	Current location of the patient	Date on which the patient travelled to outside Kerala	Date of COVID testing in other State	Destination to which the person travelled?	Chances of getting Infected in Kerala
88	KNR	KNR-OSP-5	23	F	AT MUMBAI	Nov 2019	26-06-20	MUMBAI	Unlikely
89	KNR	KNR-OSP-6	38	M	AT KANNUR	2019 October	18-05-20	CHENNAI	Unlikely
90	KNR	KNR-OSP-7	22	F	NOW AT MUMBAI	went to Mumbai in January	04-06-20	MUMBAI	Unlikely
91	KNR	KNR-OSP-8	38	M	now at delhi		04.06.2020	Delhi	Unlikely
92	KNR	KNR-OSP-9	31	F	now at chennai	at Chennai since 4 years	17.06.2020	Chennai	Unlikely
93	KNR	KNR-OSP-10	24	F	now at mumbai	went to Mumbai in January	15.06.2020	MUMBAI	Unlikely
94	KGD	KGD-OSP-1	54	Male	Thalangara		16-03-20	Manglore	
95	KGD	KGD-OSP-2	47	Male	Kottappara	Pravasi from UAE	24-03-20	Kerala	NA
96	KGD	KGD-OSP-3	31	Male	Munnad		17-05-20	Kerala	
97	KGD	KGD-OSP-4	30	Male					
98	KGD	KGD-OSP-5	25	Male					
99	KGD	KGD-OSP-6							Could not be traced
100	KGD	KGD-OSP-7							Could not be traced

SI No	District	Patient ID	Age (Years)	Gender	Current location of the patient	Date on which the patient travelled to outside Kerala	Date of COVID testing in other State	Destination to which the person travelled?	Chances of getting Infected in Kerala
101	KGD	KGD-OSP-8							Could not be traced
102	KGD	KGD-OSP-9							3 rd Case in Kerala, From Wuhan
103	KGD	KGD-OSP-10	24	Male	Wentlock Mangalore		17-06-20		
104	KGD	KGD-OSP-11	23	Male	Taj Hotel Mangalore				
105	KGD	KGD-OSP-12	23	Male	Chengala	NA	24-03-20	Kerala	
106	KGD	KGD-OSP-13	70	Female	Manjeshwar	19-03-20	20-03-20	Mangalore	
107	KGD	KGD-OSP-14							

Details of Cases could have possibly got infected in Kerala

1. TSR-OSP-5

The person did not travel outside Kerala. She has been on treatment for Diabetes from CHC Alappad. She was admitted on 15/6/20 for hysterectomy with ovariectomy. Her throat swab was collected as preoperative investigation as per hospital policy. Since results were delayed beyond 2 days, her surgery was carried out on 17.6.20. She was due for discharge on 22.6.20. She remembers not having any contact with COVID positive cases or with anyone having history of travel. She was asymptomatic and two of her hospital contacts (Doctors) were tested negative and the result of one bystander is pending.

2. TSR-OSP-6

The person did not travel outside Kerala. He was posted for surgery herniorrhaphy at Irinjalakuda Cooperative hospital. Throat swab was taken prior to surgery on 12/06/2020 by the Sudharma lab (they came to cooperative hospital and took the sample) and the sample was sent to Chennai. Surgery was done on 16/06/2020 and got discharged on 19th. He lives with wife, son and his family at Kodungalloor Municipality. None of his family members were tested positive in the past. He had few visitor's post-surgery at home including relatives and neighbors. He has no history of travel for the past few months. He was asymptomatic. Six hospital contacts in Irinjalakuda Cooperative hospital were tested and results are awaited.

3. TSR-OSP-7

The person did not travel outside Kerala. He is working as a manager in a Logistic company, Ernakulam (till 21/03/2020). He is diabetic patient and has been taking medicine for 3-4 years. He had a complaint of a wound on his right foot and edema. On 15/06/2020 he went to Puthenchira health center for consultation. He was referred to Irinjalakuda Cooperative Hospital and underwent surgery on the same day. On 16/06/2020 his swab was taken for COVID test (Sudharma lab). On 19/06/2020 he was discharged and went to his wife's house. On 24th his result came as positive and was readmitted for isolation at Irinjalakuda Cooperative Hospital. Now he stays at home (19/06/2020 to till date) along with wife, father in law, mother in law and two children. Throat swab taken on 23/06/2020 from GH Irinjalakuda turned negative. He was asymptomatic and none of his family members or friends turned positive in the past. Six hospital contacts in Irinjalakuda Cooperative hospital were tested and results are awaited.

4. KKD-OSP-3

Mr. Vishnu came from Coimbatore on 20.03.2020 and was on quarantine for 28 days. There is no history of travel or contact with persons who travelled outside India or Kerala. He used mask and social distancing was maintained during the visits. There were no positive cases of Covid 19 from that area in those days. He travelled to Coimbatore on 15th June along with his three friends in an A/C car. All wore masks while travelling. He is working in a Jewellery shop at Coimbatore as accountant. On the way at around the border, they halted at a teashop on the high way for having refreshments. But neither he got down or had tea at that shop. On arriving at Coimbatore, as he had an interstate travel, his throat swab was taken on 19th June from a Govt hospital at Coimbatore which turned positive. He was shifted to isolation at ESI Hospital, Coimbatore on 20th June. His throat swab was repeated on 24th which turned negative. He was discharged on 26th June. He stayed there for two days in a hotel and returned to Kerala on 28th June. At present he is in institutional quarantine at Perambra. He was asymptomatic. Three of his friends who travelled along with him did not turn positive. His family members did not turn positive. There were no positive cases in Koothali Panchayat 10-15 days prior to this. None of his 52 contacts turned positive. Repeat samples taken at Coimbatore was negative. Considering the above factors there is a high chance that his first test may be false positive.

5. MLP-OSP-3

The person a guest worker from Assam (Nagaon, Rupohi) was staying at Valanchery, Malappuram in a dormitory set up along with other co-workers. He travelled to Guwahati by train on 16th June and arrived there at 19th June. On 19th he developed fever and on 20th he was tested positive. Even though he did not have any direct contact with any positive cases there were positive cases from this area (Valanchery) on these days. While he was residing in Kerala, he used to go out to the market nearby. He did not give history of travel outside the state or country in last 14 days. Most of his contacts went back to their native places on different dates in different trains and could not be traced. Those who are staying back were tested and turned negative. Considering the incubation period there is a possibility that he contracted the infection while travelling since none of his cohabitants/contacts in Kerala turned positive.

6. PKD-OSP-4

The person left to Katpadi, Tamilnadu on 9th June. He was asymptomatic. On 11th June his swab was taken and result came as positive on 16th June. He travelled along with seven other passengers from Palakkad to Coimbatore by bus and from Coimbatore to Katpadi by train. All of them tested negative. There is a possibility that he contracted the illness from Kerala considering the incubation period. There were cases in Palakkad during these days and they have halted at Walayar check post for permission to cross the border.

Acknowledgement

The Public Health division headed by Dr Meenakshy along with the State Surveillance Unit has done the detailed exercise of tracing back the people who were detected positive outside the state. The District Surveillance Units have done the field work and submitted the information. The epidemiological investigations of the cases suspected to have acquired infection in Kerala assisted the districts for planning the interventions in these areas. We earnestly appreciate their works.

Dr Rajan Khobragade

Principal Secretary

Health and Family Welfare

Government of Kerala