

Containment Plan for Hotspot Cluster - District - Patan

District - Patan

Total Population - 1521080

Taluka - 9

Medical college - 1 (Dharpur), DH -1, SDH -1, CHC - 15, PHC - 52 , SC - 326

Nagarpalika - 5

Villages - 517

Patan district had 15 confirmed cases. All cases are epidemiologically linkage with index case (Lukmanbhai Arodiya). All cases are reported from Sidhpur Taluka only. No case has been reported from any other 8 block of Patan District.

Objective -To Stop the Chain of Transmission

Hot Spot Cluster : Three Hotspot clusters are identified. In these clusters all cases are epidemiologically linked.

Taluka-Siddhpur

No of Clusters- 3 cluster Occurred in Taluka Siddhpur

1. Tamanna Society Siddhpur - **Two Case - One Death and One case Discharge from Hospital** (Tammana Society has been successfully completed Cluster Quarantine of 14 days. Active surveillance and contact tracing had been completed for 14 days. No any case has been reported.)

Containment zone - No of House - 42 Population - 226

2. Nedra Village - **12 Cases - 10 cases discharge two admitted and stable**

Containment zone - No of House - 846 Population - 4412

3. Tavadia village- **One Case - Admitted and stable**

Containment zone - No of House -387 Population - 2049

Activities to be done in Containment zone

Defined area around epicenter

Sr.No.	Containment Zone	Houses	Population
1	Tamanna Society Sidhpur	42	226
2	Nedra Village	846	4412
3	Tavadiya Village	387	2049
Total		1275	6687

Activity must be done

1. Defining area of operation and applying strict perimeter control
2. Extensive contact tracing and active search for cases in containment zone
3. Testing all suspect cases, symptomatic contacts, asymptomatic direct and high-risk contacts of a confirmed case and SARI cases as per the guidelines issued from time to time.
4. Isolating all suspects / confirmed cases and providing medical care.
5. Quarantining contacts
6. Implementing social distancing measures.
7. Clinical management based on risk profile
8. Administer HCQ in healthcare workers and contacts as per the defined protocol
9. IEC. Create awareness on hand hygiene, respiratory etiquettes and sanitation

Perimeter control

The perimeter control will ensure that there is no unchecked outward movement of population from the containment zone except for maintaining essential services (including medical emergencies) and government business continuity. Thermal screening, IEC shall be carried out at all entry and exit points. All vehicular movement, movement of public transport and personnel

movement will be stopped. All roads including rural roads connecting the containment zone will be guarded by Police. For personnel and vehicles requiring regular movement, a pass/ID card may be issued with details recorded and communicated. The District administration will post signs and create awareness informing public about the perimeter control. Health workers posted at the exit point will perform screening (e.g. interview travelers, measure temperature, record the place and duration of intended visit and keep complete record of intended place of stay). Details of all persons moving out of perimeter zone for essential/ emergency services will be recorded and they will be followed up through IDSP. All vehicles moving out of the perimeter control will be decontaminated with sodium hypochlorite (1%) solution.

Active search for cases in all Containment zone

Active case search will be done through house-to-house visit. For such purpose, a designated health worker will visit on an average 50 households. The surveillance would be done by ASHAs, Aanganwadi workers and ANMs. Additional workforce can be drawn from Red Cross, NSS, NYK, & Ayush students

The surveillance workers (COVID Warriors) will interview the households through a questionnaire regarding (i) signs, symptoms, (ii) travel history and (iii) history of contact with a confirmed/suspect COVID-19 case.

These teams will also do line listing of contacts and their tracking. They will also inform their supervisory officers of cases detected and contacts listed during the day. They will also collection, collation, daily reports.

➤ Testing of all cases as per sampling guidelines

Laboratory/s will undertake testing of:

- (i) All symptomatic individuals who have undertaken international travel in the last 14 days,
- (ii) All symptomatic contacts of lab confirmed cases,

- (iii) All symptomatic health care workers,
- (iv) All patients with SARI (fever and cough and/or shortness of breath) and
- (v) Asymptomatic direct and high-risk contacts of a confirmed case should be tested once between day 5 and day 14 of coming in his/her contact. At any point of time, the testing shall be done as per the testing criteria so enunciated by ICMR or Ministry of Health & Family Welfare.

Buffer Zone


Defined Area of Buffer Zone of Patan Dist.

Sr.No.	Buffer Zone	Houses	Population
1	Sidhpur Urban	15389	66104
2	Dethali	883	4867
3	Kholvada	823	4247
4	Kanesara	467	2637
5	Khali	611	3532
6	Ganeshpura	387	2049
7	Chandravati	813	4697
8	Kayan	126	781
9	Punasan	278	1539
10	Vadhana	760	4525
11	Umaru	661	3587
12	Rasulpur	611	2970
13	Metrana	686	3452
14	Gagalasan	476	2511
15	Chandansar	519	2449
16	Sujanpur	402	2453
17	Thakarasan	388	1941
18	Nadotri	261	1589
19	Varshila	194	1118
20	Sevani	446	2824
21	Chatawada	525	3092
22	Samoda	599	3169
Total		25181	126133

Buffer Zone area which in Mahesana District

Sr. No	Buffer Zone	House	Population
1	Lindi	70	234
2	Vishol	665	3041
3	Varvada	696	3179
4	Brahmanvada	1289	5552
Total		2720	12006

Passive Surveillance shall be enhanced all throughout the area under geographic quarantine and the buffer zone. All hospitalized patients with Severe Acute Respiratory Illness shall also be tested for COVID-19 in containment and buffer zones.


Dr. Nitij Solanki.
Rapid Response Team (RRT)

GMERS Medical College

Dharpur, Patan