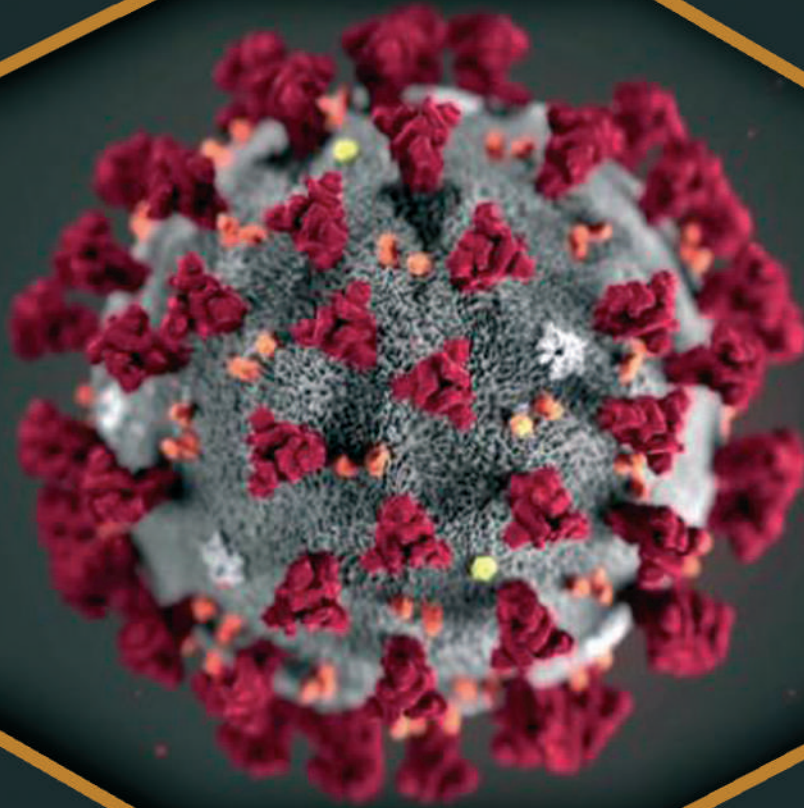




Covid-19 Containment Measures Action Plan



FEVER



COUGH



SORE
THROAT



SHORTNESS
OF BREATH

District Emergency Operation Centre, Bhuj
Collector Office, Kutch

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COVID-19 Containment Measures Action Plan of Kutch district

Map of Kachchh district:



What is Biological Disaster?

Biological disasters are natural scenarios involving disease, disability or death on a large scale among humans, animals and plants due to micro-organisms like bacteria, or virus or toxins. Biological disasters may be in the form of:-

Epidemic affecting a disproportionately large number of individuals within a population, community, or region at the same time, examples being Cholera, Plague; or,

Pandemic is an epidemic that spreads across a large region, that is, a continent, or even worldwide of existing, emerging or reemerging diseases and pestilences, example being Influenza H1N1 (Swine Flu).

District Overview;

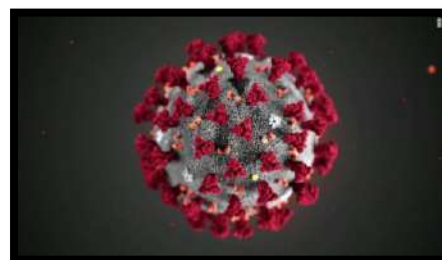
Kutch is Located in the West corner of Gujarat State. The District is spread between 22°44' and 24° 41' of northern latitude and 68° 07' and 71° 4' of eastern longitude. It is bounded by Rajkot in South and Banaskantha district in East and then Rajasthan state border. Kutch Desert is situated in North and the international border of Pakistan. The district is having an area of 887106 Hectare (45674 Sq. Kms) making it the largest district of India and accounting for above 23.28% of the total state land. The district has 3300 Hectares forest Area and Agriculture Land is 691818 Hectares.

Demographic profile of Kachchh:

Total Population	2092371 (as per Census 2011)
Male	1096737
Female	995634
Rural Population	65.18%
Urban Population	34.82%
Sex Ratio	908 F/1000 M
Area	45674 Sq Kms
Density	46/Sq. Kms
No. of Talukas	10
No. of PHCs	67
No. of UHC	12
No. of CHCs	17
No. of DH/SDH	03
No. of Town	06
No. of Villages	969

What is novel Corona virus?

- Corona viruses(CoV) are a large family of Viruses that causes a wide range of illness from the common cold to more severe diseases viz., Middle East Respiratory Syndrome [MERS] and Severe Acute Respiratory Syndrome[SARS].
- A novel corona virus (ncov) is a new strain that has not been previously identified in humans. □
- On 31 December 2019, the WHO china Country Office was informed of pneumonia cases of unknown cause in wuhan city, Hubei Province of china. A novel corona virus(COVID19) was isolated and identified as the causative virus by chinese authorities on 7 january,2020.

**What is COVID-19?**

COVID-19 is the infectious disease caused by the most recently discovered coronavirus. This new virus and disease were unknown before the outbreak began in Wuhan, China, in December 2019.

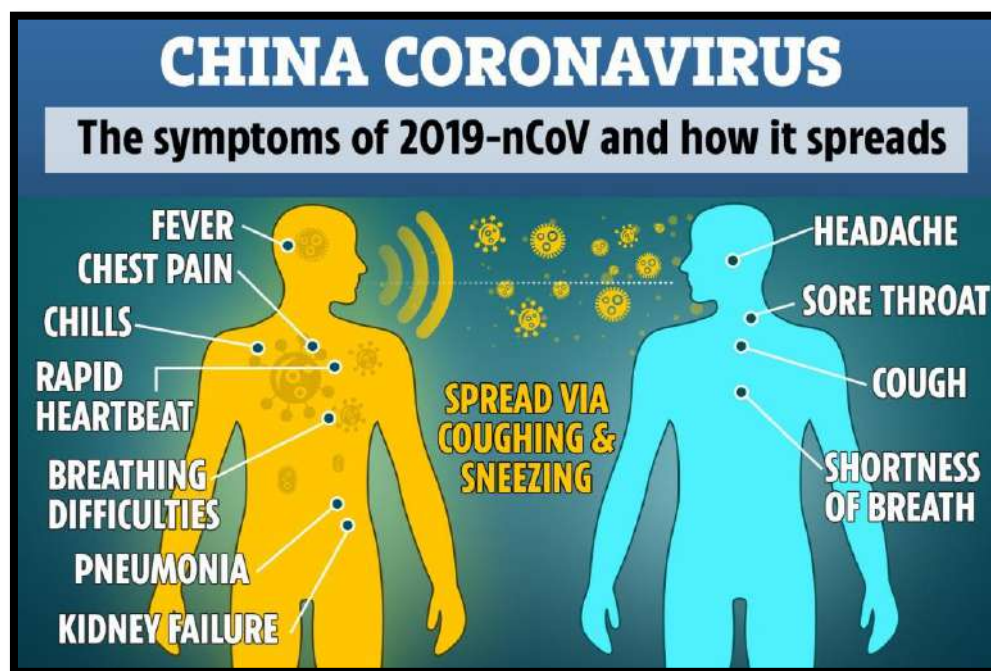
Incubation period

- The “incubation period” means the time between catching the virus and beginning to have symptoms of the disease.
- Most estimates of the incubation period for COVID-19 range from 2-14 days, most commonly around five days.

Mode of transmission

- The disease can spread from person to person through small droplets from the nose or mouth which are spread when a person with COVID-19 coughs or exhales. These droplets land on objects and surfaces around the person. Other people then catch COVID-19 by touching these objects or surfaces, then touching their eyes, nose or mouth.
- People can also catch COVID-19 if they breathe in droplets from a person with COVID-19 who coughs out or exhales droplets. This is why it is important to stay more than 1 meter (3 feet) away from a person who is sick.

Sign and symptoms of COVID-19;



- The most common symptoms of COVID-19 are fever, tiredness, and dry cough. Some patients may have aches and pains, nasal congestion, runny nose, sore throat or diarrhea.
- These symptoms are usually mild and begin gradually. Some people become infected but don't develop any symptoms and don't feel unwell. Most people (about 80%) recover from the disease without needing special treatment.
- Around 1 out of every 6 people who gets COVID-19 becomes seriously ill and develops difficulty breathing. Older people, and those with underlying medical problems like high blood pressure, heart problems or diabetes, are more likely to develop serious illness. People with fever, cough and difficulty breathing should seek medical attention.

Case Definition and Contact –Categorization;

- It has been observed that WHO has recently updated the case definitions based on the current information available and will be revised as new information accumulates. India may also need to adapt case definitions depending on current epidemiological situation. Based on the available information on COVID-19, the following case definitions are put forth for approval:

Suspect Case:

- A patient with acute respiratory illness {fever and at least one sign/symptom of respiratory disease (e.g., cough, shortness of breath)}, **AND** a history of travel to or residence in a country/area or territory reporting local transmission (See NCDC website for updated list) of COVID-19 disease during the 14 days prior to symptom onset;
- OR**
- A patient/Health care worker with any acute respiratory illness **AND** having been in contact with a confirmed COVID-19 case in the last 14 days prior to onset of symptoms;
- OR**
- A patient with severe acute respiratory infection {fever and at least one sign/symptom of respiratory disease (e.g., cough, shortness of breath)} **AND** requiring hospitalization **AND** with no other etiology that fully explains the clinical presentation;
- OR**
- A case for which testing for COVID-19 is inconclusive.

Laboratory Confirmed case:

- A person with laboratory confirmation of COVID-19 infection, irrespective of clinical signs and symptoms.

Definition of contact:

A contact is a person that is involved in any of the following:

- Providing direct care without proper personal protective equipment (PPE) for COVID-19 patients
- Staying in the same close environment of a COVID-19 patient (including workplace, Classroom, household, gatherings).
- Traveling together in close proximity (1 m) with a symptomatic person who later tested positive for COVID-19.

High Risk Contact:

- Touched body fluids of the patient (Respiratory tract secretions, blood, vomit, Saliva, urine, faces)
- Had direct physical contact with the body of the patient including physical Examination without PPE.
- Touched or cleaned the linens, clothes, or dishes of the patient.
- Lives in the same household as the patient.
- Anyone in close proximity (within 3 ft) of the confirmed case without precautions.
- Passenger in close proximity (within 3 ft) of a conveyance with a symptomatic Person who later tested positive for COVID-19 for more than 6 hours.

Low Risk Contact:

- Shared the same space (Same class for school/worked in same room/similar and not having a high risk exposure to confirmed or suspect case of COVID-19).
- Travelled in same environment (bus/train/flight/any mode of transit) but not having a high-risk exposure.

Is there a vaccine, drug, or treatment for COVID-2019?

- Not yet. To date, there is no vaccine and no specific antiviral medicine to prevent or treat COVID-2019. However, those affected should receive care to relieve symptoms. People with serious illness should be hospitalized. Most patients recover thanks to supportive care.
- Possible vaccines and some specific drug treatments are under investigation. They are being tested through clinical trials. WHO is coordinating efforts to develop vaccines and medicines to prevent and treat COVID-19.
- The most effective ways to protect yourself and others against COVID-19 are too frequently clean your hands, cover your cough with the bend of elbow or tissue, and maintain a distance of at least 1 meter (3 feet) from people who are coughing or sneezing.

Activities done by Health Department :

- Weekly collection of ARI case under IDSP from Govt. and private reporting units
- Surveillance of travelers from Corona effected countries were carried out, so far 118 Passengers was screened. 2 Symptomatic Passengers from corona effected countries blood sample were taken, both the sample was negative.
- Daily line listing maintain by the health department, Kutch.
- Daily follow up of all passengers for the 14 days of observation.
- Daily reporting to GOG BY District Health department.

Isolation Facility:

Isolation Wards available at Kutch district are listed below;

Sr. No.	Name of Quarantine Hospital	Coordinates	Contact Person & Mobile Number	Capacity
1.	G K General Hospital , Bhuj	23°14' Latitude 69°40' Longitude	Dr. Buch (CDMO)-9825229007	42 beds
2.	CHC Dhor, Village Dhor, Ta. Bhuj	23°25' Latitude 69°44' Longitude	Dr. Tejas Solanki- 9714344008	30 beds
3.	CHC Bharapar, Senatorium Bharapar, Ta. Bhuj	23°07' Latitude 69°38' Longitude	Dr. Anila Goswami-7567876187	50 beds
4.	CHC Gadhsisa, Vill. Gadhsisa, Ta. Mandvi	23°06' Latitude 69°20' Longitude	Dr. Madan Prasad-9998351098	30 beds
5.	CHC Mangvana, Vill. Mangvana, Ta. Nakhtrana	23°12' Latitude 69°21' Longitude	Dr. Madan Prasad-9998351098	30 beds
6.	CHC Dudhai, Vill. Dudhai, Ta. Anjar	23°19' Latitude 70°07' Longitude	Dr. Ghanshyam Maheta-9427434631	30 beds

Quarantine facility:

Quarantine facility available at Kutch district are listed below;

Sr. No.	Name of Isolation Place	Coordinates	Contact Person & Mobile Number	Capacity
1.	Anjar Nagarpalika Town Hall	23°7' Latitude 70°1' Longitude	Chief Officer, Anjar- 9913863010	150
2.	Sorathiya Samajvadi, Anjar	35°6' Latitude 84°5' Longitude	Parth Sorathiya- 9727715268	100
3.	Deendayal Community Hall, Ward 7, D.C. 2, Gandhidham	23°07' Latitude 70°11' Longitude	Chief Officer, Gandhidham- 9925569999 Anil Joshi- 8511184666	70
4.	Sardar Patel Auditorium Hall, Gopalpuri, Gandhidham	23°07' Latitude 70°13' Longitude	Arvind Pradhan (Labour Officer)- 9586545289	100
5.	Vaghad be chovisi Samajvadi, Near R T O Circle	23°14' Latitude 69°40' Longitude	Praful Shah, Trustee- 9427763962	220
6.	S V Arts & Commerce College, Mandvi	22°83' Latitude 69.36' Longitude	Mahesh Barad- 9824878123	90
7.	Gundala Community Hall, Gundala, Mundra taluka	22°54' Latitude 69°45' Longitude	Jayesh Ahir- 9979077767	80
8.	72 Jinnalay Mandvi	22°53' Latitude 69°24' Longitude	Rattilal bhai- 9909193195	50
9.	GMDC, Pandhro, Lakhpat	23°40' Latitude 68°45' Longitude	Chavda bhai- 9727793312	15
10.	Bhadreshvar Jain Temple, Mundra	22°54' Latitude 69°54' Longitude	Manager- 9925313771	25
11.	Yaksh Temple, Madhapar	23°13' Latitude 69°41' Longitude	Pravin bhai Manager- 8141211847 Naresh bhai, Trustee- 9879055372	30

Helpline Number:

કોરોના વાયરસ સંક્રમણ ને ઘટાડો નીચેના સરળ ઉપાયોથી

કોરોના વાયરસ એક નવી બીમારી છે જે આજકાલ વિદેશ માં ફેલાઈ રહી છે અને અન્ય બીજા દેશોને પણ અસર કરી રહી છે. આ એક ફલૂ જેવી બીમારી છે, જેના લક્ષણ નીચે પ્રમાણે હોય છે.

જો તાવ, ઉધરસ કે શ્વાસ લેવામાં તકલીફ જણાય તો તુરંત સરકારી દવાખાનાનો સંપર્ક કરવો.

COVID-19 રોગનાં લક્ષણો
જો તમે પાછલા 14 દિવસમાં વિદેશથી પરત આવ્યા હો કે અથવા કોરોના પસંકરણથી અભ્યાષિત વ્યક્તિના સંપર્કમાં આવ્યા હો તો તમે નીચે દર્શાવેલ સૂચનો અપનાવો -

- ઉધરસ
- તાવ
- શ્વાસની તકલીફ
- જો તમને કોઈપણ આંશી અને લગભગ લગભગ કોઈ તેનાથી સુરક્ષિત 5 મીટર જેટલું અંતર જાળવવું
- જો તમને કોઈપણ સૂચનો મળે તો તમને તાત્કાલિક સારવાર માટે સારી સંપર્ક સીમન કરો અને આરોગ્ય પ્રણાલિ સુધી
- વિશાળ અને સાવ અને ખાસીથી કાળે પાંચવાર યોગ્ય
- સાવધાન રહો! સુરક્ષિત રહો! કોરોના વાયરસથી બચો.

હેલ્થ હેલ્પલાઈન નંબર - 104

ક-ટોલ ડ્રા 24 x 7 **079 232 50818**
079 232 51900

www.gujhealth.gujarat.gov.in | www.nhm.gujarat.gov.in | www.ncdc.gov.in

for any fever cases help line number is **104**.
Help line number **+91-11-23978046** by GOI.

All helpline reported fever cases will be examined by Medical officer and if require then Patient will be examined by medical officer and if required then patient will be transferred to tertiary care hospital.

Awareness Meeting:

Under the chairmanship of Dr. Kamlesh Upadhyay two C.M.E for COVID-2019 was organized on 05/03/2020 and 06/03/2020 at bhuj and gandhidham respectively. All IMA Members Faculties and residents of MEDICINE, PSM, PATHOLOGIST, MICROBIOLOGY, PHYSICIAN, ANESTHESIA, PAEDIATRIC, GYNECOLOGIST, BIOCHEMISTRY, RADIOLOGY, RMO And Gov. doctors were present in the C.M.E.

- Training also given to all Medical officers and Paramedical staff about COVID-2019.

Training Details					
Sr. No.	IMA CME/meeting		Trainings		
	No. of Meeting	Total Doctors	Medical Officer	Paramedical Staff	ASHA
1.	2	418	64	331	1165

Intersectoral Co-ordination:

- Education department.
- Publicity department.
- Transport services.
- Hospital
- Epidemic Department, GOG

Role of Concerned Department

Role of Education department

- Cough etiquettes & Hand Wash Techniques through teacher's involvement.
- Sensitization and awareness in student & Parents.
- Soap and Sanitizer availability.
- Advisory to all Private and Government School.
- Inform Health Department if there is Increase Number of Respiratory Infection Cases in Students & staff.
- Mass circulation of information if alert announced.

Role of Transportation Department

- Availability of Sanitizer.
- IEC on Buses & bus stands.
- Display video in LED screen at Bus stands.

Role of General Hospital

- Education & Sensitization in Hospital Staff Specifically in Isolation wards
- Availability of Isolation Beds & Ventilators.
- IEC regarding Corona virus in OPD areas.

Civil Hospital GK General Hospital, Bhuj						
No.	No. of isolation ward & Bed		Ventilator	Triple layer mask	N95 Mask	PPE kit
	ward	bed				
1	1	42	4	1150	20	47

Role of E-Gov & Publicity Department

- Display information in District Panchayat and Nagar Palika website.
- Mass SMS if required.
- Video advertisement in Local TV channels.

Role of Estate Department

- IEC in Commercial areas.
- Display IEC in Malls & Multiplex.
- Video advertisement in multiplex.
- Hand Sanitizer at entry of Multiplex/Malls.

IEC activities.

- News Paper advertisement for COVID-19 in Gujarati language.
- FM Radio channel and multiplex theatre advertisement for COVID-19.
- Poster advertisement in Buses and Autorikshaw.
- Pamphlets and Flyer Distribution in Public Place by health workers.
- Advertisement hoardings in Public Places.

Drug Stock available:

No.	Triple layer mask	N95Mask	PPE kit	Rubber Gloves
1	7700	495	240	9400

Note : Due to Corona Virus(COVID-19) Control Room Started On 07/03/2020 at Health Department,

District Panchayat Kutch-Bhuj

HELPLINE No. 02832-252207 (for Kutch District)

Laboratory testing for COVID-19

- NIV Pune is the reference laboratory in India for testing COVID-19.
- In Jamnagar, M.P.Shah Medical College will act as the nodal laboratory for Testing.

Instructions for contacts being home quarantined

The home quarantined person should'

Stay in a well-ventilated single-room preferably with an attached/separate toilet. If another family member needs to stay in the same room, it is advisable to maintain a distance of at least 1 meter between the two.

- Needs to stay away from elderly people, pregnant women, children and persons with co-morbidities within the household.
- Restrict his/her movement within the house.
- Under no circumstances attend any social/religious gathering e.g. wedding, condolences, etc.

He should also follow the under mentioned public health measures at all times;

- Wash hand as often thoroughly with soap and water or with alcohol-based hand sanitizer
- Avoid sharing household items e.g. dishes, drinking glasses, cups, eating utensils, towels, bedding, or other items with other people at home.
- Wear a surgical mask at all the time. The mask should be changed every 6-8 hours and disposed off. Disposable masks are never to be reused.
- Masks used by patients/ care givers/ close contacts during home care should be disinfected using ordinary bleach solution (5%) or sodium hypochlorite solution (1%) and then disposed of either by burning or deep burial.
- Used mask should be considered as potentially infected.
- If symptoms appear (cough/fever/difficulty in breathing). he/she should immediately inform the nearest health centre or call 011-23978046

Instructions for the family members of persons being home quarantined

- Only an assigned family member should be tasked with taking care of the such person
- Avoid shaking the soiled linen or direct contact with skin
- Use disposable gloves when cleaning the surfaces or handling soiled linen
- Wash hands after removing gloves
- Visitors should not be allowed
- In case the person being quarantined becomes symptomatic, all his close contacts will be home quarantined (for 14 days) and followed up for an additional 14 days or till the report of such case turn out negative on lab testing.

Environmental sanitation;

- Clean and disinfect frequently touched surfaces in the quarantined person's room (e.g. bed frames, tables etc.) daily with 1% Sodium Hypochlorite.
- Clean and disinfect toilet surfaces daily with regular household bleach solution/phenolic disinfectants.
- Clean the clothes and other linen used by the person separately using common household detergent and dry.

Environmental cleaning;

Due to the potential survival of the virus in the environment for several days, the premises and areas potentially contaminated with the 2019- nCoV should be cleaned before their re-use, using products containing antimicrobial agents known to be effective against corona viruses. Although there is lack of specific evidence for their effectiveness against 2019-nCoV virus, cleaning with water and household detergents and use of common disinfectant products should be sufficient for general precautionary cleaning. Tests carried out using SARS-CoV showed that sodium hypochlorite is effective. These guidelines provide guidance for environmental cleaning in quarantine facilities housing people exposed/ potential exposure to COVID-19 and have been adapted based on the Hospital Infection Prevention and Control guidelines drafted by NCDC in collaboration with WHO and other stakeholders.

Area/Items	Item/Equipments	Process	Method/Procedure
Clinical Area			
General clinical areas	Dust mops Mop (No broom will be used for sweeping)	Sweeping Cleaning Daily mopping	<ul style="list-style-type: none"> • Sweep with the dust mop or damp mop to remove surface dust. Sweep under the furniture and remove dust from corners. Gathered dust must be removed using a hearth brush and shovel. • The sweep tool should be cleaned or replaced after use.
Floors (clinical areas) – daily mopping	Detergent/sanitizer– hot water, sodium hypochlorite(1%) Three buckets (one with plain water and one with detergent solution; one bucket for sodium hypochlorite (1%))		<ul style="list-style-type: none"> • Prepare cleaning solution using detergent with warm water • Use the three-bucket technique for mopping the floor, one bucket with plain water and one with the detergent solution. • First mop the area with the warm water and detergent solution. • After mopping clean the mop in

			<p>plain water and squeeze it.</p> <ul style="list-style-type: none"> • Repeat this procedure for the remaining area. • Mop area again using sodium hypochlorite 1% after drying the area. • In between mopping if solution or water is dirty change it frequently. • Mop the floor starting at the far corner of the room and work towards the door. • Clean articles between cleaning. <p>Note: Mopping should be done twice a day</p>
Ceiling and Walls	<p>Sweeping tool</p> <p>Duster</p> <p>Bowl/ small bucket of soap solution</p> <p>Plain water</p>	Damp dusting	<ul style="list-style-type: none"> • Damp dusting with a long handled tool for the walls and ceiling done with very little moisture, just enough to collect the dust. • Damp dusting should be done in straight lines that overlap one another. • Change the mop head/cover when soiled. <p>Note: Should be done once a week or after examining a suspect case</p>
	Care of mop	Hot water Detergent Sodium hypochlorite 1%	<ul style="list-style-type: none"> • Clean with hot water and detergent solution, disinfect it with sodium hypochlorite and keep for drying upside down.
Doors and door knobs	Damp cloth or Sponge squeeze mop	Thorough washing	<ul style="list-style-type: none"> • The doors are to be washed with a brush, using detergent and water

	Detergent		<p>once a week (on one defined day); gently apply cloth to soiled area, taking care not to remove paint, then wipe with warm water to remove excess cleaning agent.</p> <ul style="list-style-type: none"> • Door knobs and other frequently touched surfaces should be cleaned daily.
Isolation room	<p>Detergent/ Sanitizer– warm water, sodium hypochlorite (1%)</p> <p>Three buckets (one with plain water and one with detergent solution); separate bucket for sodium hypochlorite (1%)</p>	Terminal cleaning	<ul style="list-style-type: none"> • Before cleaning an isolation room, liaise with infection control team for details of any special requirements. Staff will be instructed on specific cleaning procedures required with reference to • Safety uniform to be worn. • Chemicals or disinfectants to be used. • Also, if bed screen and shower screen are to be cleaned or changed, refer cleaning in isolation rooms.
All clinical areas/ Laboratories/ Wherever spill care is required	<p>Sodium hypochlorite (1%)</p> <p>Rag piece</p> <p>Absorbent paper</p> <p>Unsterile gloves</p> <p>Spill care kit</p> <p>Mop</p> <p>Hot water</p>	Blood and body fluid spill care	<ul style="list-style-type: none"> • Wear non-sterile gloves. • For large spills, cover with absorbent paper/ rag piece • if any broken glass and sharps, using a pair of forceps and gloves, carefully retrieve. Use a large amount of folded absorbent paper to collect small glass splinters. Place the broken items into the puncture proof sharps container. • Cover the spill with sodium

			<p>hypochlorite (1%) for 10–20 minutes contact time.</p> <ul style="list-style-type: none"> • Clean up spill and discard into infectious waste bin, and mop area with soap and hot water. • Clean the mop and mop area with 1% sodium hypochlorite. • Wash mop with detergent and hot water and allow it to dry.
Stethoscope	Alcohol-based rub/Spirit swab	Cleaning	<ul style="list-style-type: none"> • Should be cleaned with detergent and water. • Should be wiped with alcohol based rub/spirit swab before each patient contact.
BP cuffs and covers	Detergent Hot water	Washing	<ul style="list-style-type: none"> • Cuffs should be wiped with alcohol based disinfectant and regular laundering is recommended for the cover.
Thermometer	Detergent and water Alcohol rub Individual thermometer holder	Cleaning	<ul style="list-style-type: none"> • Should be stored dry in individual holder. • Clean with detergent and tepid water and wipe with alcohol rub in between patient use. • Store in individual holder inverted. • Preferably one thermometer for each patient.
Injection and dressing trolley	Detergent and water Duster Disinfectant (70% alcohol)	Cleaning	<ul style="list-style-type: none"> • To be cleaned daily with detergent and water. • After each use should be wiped with disinfectant.
Refrigerators	Detergent and water Absorbent paper or clean cloth	Cleaning (weekly)	<ul style="list-style-type: none"> • Empty the fridge and store things appropriately. • Defrost, decontaminate and clean with detergent.

			<ul style="list-style-type: none"> • Dry it properly and replace the things. • Weekly cleaning is recommended.
Lodging Area			
General cleaning	Detergent and warm water Mop Two buckets Clean utility gloves Handmops	Daily mopping floors Thorough washing	<ul style="list-style-type: none"> • Scrub floors with hot water and detergent with using minimal water. (Do not pour the water.) • Clean with plain water. • Allow to dry • Hypochlorite 1% mopping can be done. Note: Recommend general cleaning procedure should be done twice a day
Lockers, tables, cupboard, wardrobes, benches, shelves and cots	Damp duster Warm water Detergent Dry duster	Damp dusting	<ul style="list-style-type: none"> • Damp dust with warm water and detergent.
Railings	Detergent/ Sanitizer–hot water, sodium hypochlorite 1% Three small buckets/ or big bowls One with plain water One with detergent solution One for sodium hypochlorite 1%	Daily dusting	<ul style="list-style-type: none"> • Damp dust with warm water and detergent followed by disinfection with hypochlorite
Mirrors and Glass	Warm water Detergent water/ cleaning solution Damp cloth Wiper	Cleaning	<ul style="list-style-type: none"> • Using warm water and a small quantity of detergent and using a damp cloth, wipe over the mirror and surround, then using a dry lint-free cloth, buff the mirror and glass to a clean dry finish.
Sluice room	Powder cleanser	Cleaning	<ul style="list-style-type: none"> • Sinks are to be cleaned

Stainless steel/ Any other sink	Detergent powder Wiper Cloth		<p>with a powder cleanser.</p> <ul style="list-style-type: none"> • First wet the sink. Sprinkle on a little powder cleanser and work around the surface with a cloth, include the plug hole. • Do not use the powder cleanser on dry sink. • After removing spillage and any stains, flush away with running water. Wipe down the surface of the sink.
Pantry furniture	Duster	Dusting	<ul style="list-style-type: none"> • Damp dust
Telephone	Warm water detergent solution Duster	General cleaning	<ul style="list-style-type: none"> • Damp dust with warm water and detergent. • Paying special attention to the ear and mouth piece and dry it properly.
Desks	Damp cloth Furniture polish	Dusting	<ul style="list-style-type: none"> • Wipe top sides and draw handles with a damp cloth. Wooden desks should be cleaned with furniture polish and buffed to clear glows. Pen holder etc. to be cleaned or dusted.
Chairs (Vinyl)	Warm water and detergent	Cleaning	<ul style="list-style-type: none"> • Wipe down with warm water and detergent. Remove any marks under arms and seat. Check for damage to stoppers, if stopper require replacement, report to maintenance department.
Furniture and fittings	Warm water and detergent Rag piece	Dusting	<ul style="list-style-type: none"> • Using warm water and detergent, damp dust all furniture and fittings, including chairs, stools, beds, tables, cupboards, wardrobes, lockers, trolleys, benches, shelves and storage racks, waste/ bins, fire extinguishers,

			oxygen cylinders, televisions window sills and dry properly.
Bed tables, bedside lockers	Warm water and detergent Wiper Duster	Cleaning	<ul style="list-style-type: none"> • Wipe down over bed table. Wipe top and underneath base and stand, using warm water and detergent. Dry on completion. • Wipe down the bedside. Remove marks from fronts of draws and sides. Using warm water and detergent, wash the top to remove any sticky marks and dust.
Light switches and over-bed lights	Damp cloth (never wet) Detergent Warm water	Cleaning	<ul style="list-style-type: none"> • Light switches to be cleaned of dust, spots and finger marks. Clean with a damp cloth (never wet) and detergent. • Over-bed lighting to be damp dusted. Clean with warm water and detergent.
Curtains	Soft clothes Water Mild soap solution	Cleaning	<ul style="list-style-type: none"> • Clean with water and soap for curtains
White clothes	Sodium hypochlorite 1% Tap water	Washing	<ul style="list-style-type: none"> • Should be washed under running water and soaked in 1% sodium hypochlorite for 20 minutes. <p>Note: PPE should be worn while washing soiled linen.</p>
Mattress and pillow covers (cloth)	Tap water	Washing	<ul style="list-style-type: none"> • Mattress and pillows should be covered with a reusable mattress cover. • It should be changed for each patient and when soiled sent to the laundry according to schedule.
Mattress/ Pillow with	Sodium hypochlorite 1%	Terminal Damp dusting	<ul style="list-style-type: none"> • If with rexin cover, can be cleaned with 1%

rexin cover Normal/ without rexin	Sunlight	and cleaning Drying in sunlight	sodium hypochlorite before use for next patient • If routine mattress, dry it in bright sunlight for 1- 2 days before using for next patient
Water jars	Vim powder Soap and water	Cleaning	• Recommended boiled water for drinking • Water jars should be scrubbed/ cleaned with soap and water and boiled water before filling with water.
Cleaning of toilets			
Toilet pot/ commode	Sodium hypochlorite 1%/ Soap powder / long handle angular brush	<ul style="list-style-type: none"> • Inside of toilet pot/commode: • Scrub with the recommended agents and the long handle angular brush. • Outside: Clean with recommended agents; use a nylon scrubber. 	
Lid/commode	Nylon scrubber and soap powder	<ul style="list-style-type: none"> • Wet and scrub with soap powder and the nylon scrubber inside and outside 	
Toilet floor	Soap powder and scrubbing brush/ nylon broom	<ul style="list-style-type: none"> • Scrub floor with soap powder and the scrubbing brush • Wash with water • Use sodium hypochlorite 1% dilution 	
Tap	Nylon scrubber and soap powder	<ul style="list-style-type: none"> • Wet and scrub with soap powder and the nylon scrubber. 	
Outside sink	Soap powder and nylon scrubber	<ul style="list-style-type: none"> • Scrub with the nylon scrubber. 	
Showers area / Taps and fittings	Warm water Detergent powder Nylon Scrubber	<ul style="list-style-type: none"> • Thoroughly scrub the floors/tiles with warm water and detergent • Wipe over taps and fittings with a damp cloth and detergent. • Care should be taken to clean the underside of taps and fittings. • Taps should be dried after cleaning 	
Soap dispensers	Detergent and water	<ul style="list-style-type: none"> • Daily dusting • Should be cleaned weekly with detergent and water and dried. 	

**INTEGRATED DISEASE SURVEILLANCE PROGRAM FORMAT FOR DAILY
REPORTING OF HEALTH STATUS OF PASSENGERS ARRIVING FROM 2019-nCoV
AFFECTED COUNTRY.**

Date: DD/MM/YYYY Time: XX:XX PM

Sr. No.	State	New passengers enrolled for observation	Cumulative number of Passengers under observation	No. of passengers who have completed 14 days observation period	Number of passengers found symptomatic & referred	Comments

Contact Details

Information about District Rapid Response Team;

Team 1

No.	Designation	Name	Contact No.
1.	Epidemic Medical Officer	Dr. Arunkumar Kurmi	9099017589
2.	APM-IDSP	Dr. Piyush Pujara	9427350988
3.	Lab Technician	Mr. Prakash Durgani	9727734211
4.	District Sanitary Inspector	Mr. Murubha Jadeja	9099931349
5.	Pharmacist	Mr. Chetan Bhatt	9727734456

Team 2

No.	Designation	Contact No.
1.	CDMO	9825229007
2.	RMO	9687684230
3.	General Surgeon	8980802491
4.	Pediatrician	9725368685
5.	Community Medicine	7405347025
6.	Physician	8087698601
7.	Pathologist	7567876182

District Level Health Officer's Telephone Numbers;

No.	Name	Designation	Mobile
1.	Dr.Premkumar Kannar (I/C)	CDHO	9909949304
2.	Dr.Premkumar Kannar	ADHO	9909949304
3.	Dr. Rameshchandra Shrimali	RCHO	9687679004
4.	Dr.Arunkumar Kurmi	DSO/EMO	9099017589
5.	Dr.Rajendra kumar Bhargav	DQAMO	9909961803
6.	Dr.Devchand Gala	DTO	9909949314
7.	Dr.Arunkumar Kurmi (I/C)	DMO	9099017589
8.	Dr.Rajendrakumar Bhargav (I/C)	DIECO	9909961803
9.	Dr. Bhanvar Prajapati (I/C)	DPC	9909949308
10.	Dr. Bhanvar Prajapati (I/C)	DUPC	9909949308

List of Divisional Hospital/Sub Divisional Hospital;

Sr. no	Name Of DH/SDH	Name of Suderintendent	Contact No
1	G.K. General Hospital, Bhuj (DH)	Dr. N.N Bhadarka	9825292331
2	Rambaugh Hospital, Gandhidham (SDH Gandhidham)	Dr. Anuj Shrivastav	9408619908
3	Sub District Hospital, Mandvi	Dr. T.G.Pandey	7567876184

List of Hospitals with contact details of officers**List of PHC;**

PHC Medical Officer Contact Details (MBBS/AYUSH)						
Sr. No.	Taluka Name	PHC Name	Name of Medical Officer (MBBS)	Mobile Number	Name of Medical Officer (AYUSH)	Mobile Number
1	Abdasa	Dumra	Dr. Manoj R. Kapoor	9909949385		
2	Abdasa	Jakhau	Dr. F.B. Sahay	9909949389	Dr. Richa A. Bamaniya	7359611341
3	Abdasa	Kothara	Dr. M.K. Sinha	9909949349	Dr. Sejal B. Baraiya	9624904100
4	Abdasa	Mothala	Dr. Mahendra L. Das	9726429250		

5	Abdasa	Tera	Dr. Sanjay Kumar Singh	7990208184		
6	Abdasa	Vayor			Dr. Hareshchandra C. Bhatti	9909949384
7	Anjar	Bhimasar (C.)	Dr. Urvi Pethapara	7069601538	Dr. Khyati H. Thacker	9638554580
8	Anjar	Chandrani			DR. Priyankaben K. Valand	7573008014
9	Anjar	Khedoi	Dr.YASHPALSINH N. RATHOD	9909949328	Dr. Ankita R. Vala Dr. Avani K. Patel	7573008015 9537550739
10	Anjar	Mathak	Dr.Abhishek Nayak	9726668383	Dr.Bansi B. Kheradia	9726426506
11	Anjar	Meghpar (Bo)	Dr.Parth H. Jani	9726434809		
12	Anjar	Ratnal	Dr. Navin D. Verma	9909949361	Dr.Jagdiesh Bhola	9574420630
13	Anjar	Sanghad			Dr. Aarti Mayurbhai Vasani	7573008017
14	Bhachau	Adhoi	Dr.M.S.Chauhan	9909949325	Dr.Roshan Balat	6355704228
15	Bhachau	Amradi			Dr.Nisha Thoriya	8140962222
16	Bhachau	Dhoravira	Dr.Motilal Ray	9408207986		
17	Bhachau	Jangi	Dr.Narayansinh	9909949395		
18	Bhachau	Junakataria			Dr.Nehal Mehta	9898329793
19	Bhachau	Manfara	Dr.Shalini Tekchandani	9510603587		
20	Bhachau	Samakhiyali	Dr.Ramsubhangkumar	9909949358	Dr.Jashu Barad	8320559606
21	Bhuj	Bhirandiyara	DR.MANOJ PARMAR	9909949336	DR.MANSI SADRIYA	9879779769
22	Bhuj	Dahisara	DR.JIL MODESARA	9427420076	DR.PRATIMA BHANUSHALI	7574806461
23	Bhuj	Deshalpar V.			Dr. Shabana Habibbhai Nai	6359609640
24	Bhuj	Dhaneti			DR.HEMANGI CHAUDHRY	9512270021
25	Bhuj	Dinara	DR.MAHMAD IQBAL KHATRI	6359609644	DR.SAVANA MEMON	7069084414
26	Bhuj	Gorewali			DR.JITENDRA DEVAJI NORIYA	9409858804
27	Bhuj	Kera	DR.KINJAL GADHAVI	9909949334	DR.RAIYA AAYAR	9726434753
28	Bhuj	Kodki	DR.AMIN A ARORA	9909949333	DR.UPASANA GOR	9726434750

29	Bhuj	Kukma	DR.NAURIN MEMON	9909949335	DR.DHARA AJANI	7573008057
30	Bhuj	Madhapar	DR.KIRTIKUMAR SIJU	9909949362		
31	Bhuj	Sukhpar	DR.PUNITA R. VASANI	9909949331		
32	Gandhidham	Kidana	DR.NISHA CHAUHAN	9909949330	DR.BHUMIKA GAJERA	7818038824
33	Gandhidham	Mithirohar			DR.CHETNA SITAPARA	9727734487
34	Lakhpat	Baranda	Dr.J.P.Khorasiya	9586915059		
35	Lakhpat	Ghaduli	Dr.Y.P.Mahanto	9426028949		
36	Lakhpat	Matanamadh	Dr.Rohit C.Bhil	8511985157	Dr.Jankiben Vyas	6355916330
37	Lakhpat	Nar. Sarovar			Dr.Meenaben Gohil	7063697485
38	Mandvi	Darsadi			DR.MANISH PUROHIT	9909949370
39	Mandvi	Godhara	DR.K.P.PASVAN	9909949340	DR.NAMRTA PARMAR	8200107898
40	Mandvi	Gundiyari			DR.ASVINI FUFAL	9909949337
41	Mandvi	Koday			DR.MANJU JADEJA	9909949373
42	Mandvi	Mota Layja			DR.RIDDHI KHUNT	9737017324
43	Mandvi	Moti Bhadey			DR.HARDIK PANDYA	9909949371
44	Mandvi	Nana Asambia	DR.NIDHI S.KALAVADIYA	7990389362		
45	Mandvi	Talvana			DR.AMISHI SANGHVI	9909949365
46	Mundra	Bhadreswer			Dr. Premila Fafal	9909949379
47	Mundra	Bhujpur	Dr. Ketan M. Solanki	9909949342		
48	Mundra	Mota Kandagra			Dr. Jahnavi Chavda	9909949376
49	Mundra	Nani Tumbadi			Dr. Ruchita Dhua	9825120999
50	Mundra	Ratadia	Dr. Girvar S. Baria	7016587717	Dr. Ritu Parmar	9726434638
51	Mundra	Vanki			Dr. Komal Dafda	8758238732
52	Mundra	Zarapara	Dr. Krishna A. Dholaria	9726434634		
53	Nakhtrana	Deshalpar G.			Dr Priyanka Gohel	9429448706
54	Nakhtrana	Mangvana			Dr Nirav Rasbharya	9409183342

55	Nakhtrana	Netra			Dr Pallavi Poriya	7016765578
56	Nakhtrana	Nirona	Dr A K Prasad	9909949346	Dr Sangita Metiya	9104707389
57	Nakhtrana	Ravapar			Dr Snehal Prajapati	9726478039
58	Nakhtrana	Vithon	Dr Mayuri Devnani	7874646683		
59	Rapar	Adesar	Dr.Jayatibhai Babhaniya	9909949392	Dr. Pragnesh Prajapaty	9909949391
60	Rapar	Balasar			Dr. Rinku Gadhvi	9978190468 /7573037940
61	Rapar	Bela			Dr Kalpesh Chudhry	9909949319
62	Rapar	Bhimasar (B)	Dr.Paul Hembrom	9909949321	Dr.Vrutika Ramsingbhai Gohil	9737565034
63	Rapar	Chitrod			Dr Neeta Goswami	9924121020/ 7573008037
64	Rapar	Fatehgadh			Dr Paresch Patel	9909949323
65	Rapar	Gagodar	Dr.Lalji Rathod	9879441443		
66	Rapar	Gedi			Dr. Dhara Rameshbhai Sarvaiya	7046552693
67	Rapar	Suvai			Dr Rakesh Prajapati	9909949357

List of UPHC;

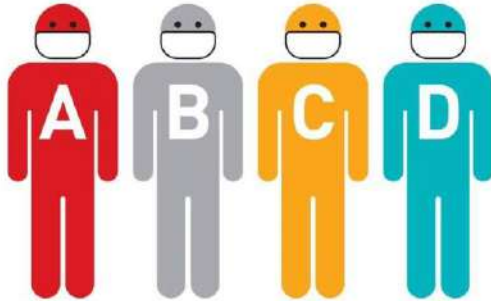
KUTCH UPHC Medical Officer Contact Details				
Sr. No.	Taluka Name	UPHC Name	Name of Medical Officer	Mobile Number
1	Anjar	Anjar Urban	I/c Dr. Aarti Mayurbhai Vasani	7573008017
2	Bhachau	Bhachau Urban	I/C Dr.G.J.Mehta	9424734671
3	Bhuj	Bhuj-1	DR.JIL MODESARA	9427420076
4	Bhuj	Bhuj-2	DR.KUNDAN JAPDIYA	9662557700
5	Bhuj	Bhuj-3	DR.VAISHALI DABHI	
6	Gandhidham	Gandhidham-1		
7	Gandhidham	Gandhidham-2		
8	Gandhidham	Gandhidham-3		
9	Gandhidham	Adipur-1		
10	Gandhidham	Adipur-2		
11	Mandvi	Mandvi Urban	I/C DR.NAMRTA PARMAR	8200107898
12	Rapar	Rapar Urban	I/C Dr.Paul Hembrom	9909949321

List of CHC;

Sr.	Name Of CHC	Name of Superintendent	Contact No. of Sup.
1	Dayapar	Dr. R.O. Lodhra	7567876188
2	Nakhatrana	Dr. T.G.Pandey	9574737858
3	Mangvana	Dr. Madanji Prasad	9998351098
4	Naliya	Dr. D.D. Dulera	7567876194
5	Gadhsisa	Dr. Madanji Prasad	9998351098
6	Mundra	Dr.S.K.Damani	7567876192
7	Bhujpur	Dr. Krishna Dholariya	9726434634
8	Bharapar	Dr. Anila Goswami	7567876187
9	Dhori	Dr. Nupurkumari Prasad	9825428831
10	Khavda	Dr. Rajesh Verma	7567876190
11	Anjar	Dr. T.M.Dhanani	9825293777
12	Dudhai	Dr. G.J.Maheta	9427434671
13	Bhachau	Dr.K.G.Kurmi	9427234231
14	Lakadiya	Dr. Sujitkumar	7567876191
15	Janan	Dr. Y.A.Maheshwari	8140785698
16	Rapar	Dr.K.G.Kurmi	9427234231
17	Palasva	Dr. V.K.Das	9712637884

Covid-19 outbreak chronology;

**We have 4 group people
A, B, C, D**




**A: The first carrier
They are easy to find,
and mostly in cure.**



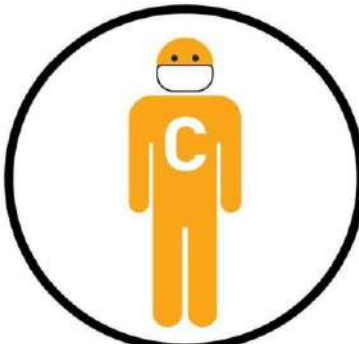
**A go out to find C,
passby stranger B in public,
A & B dont know each other.**




**A arrive and contact with C.
No matter how many C,
we can find them.**



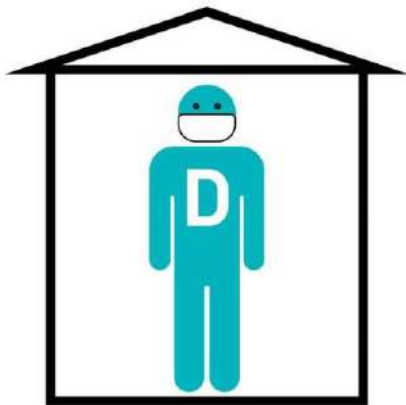
Quarantined & Obsevered



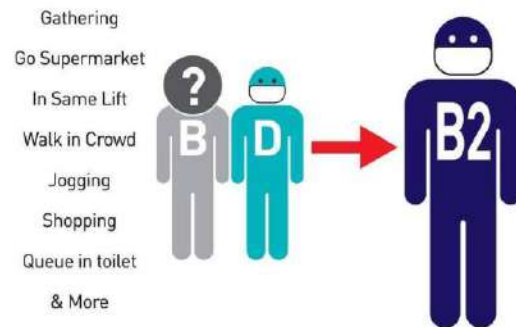
**The problem is, we can't find
B. Nobody know who is B,
including B themselves**



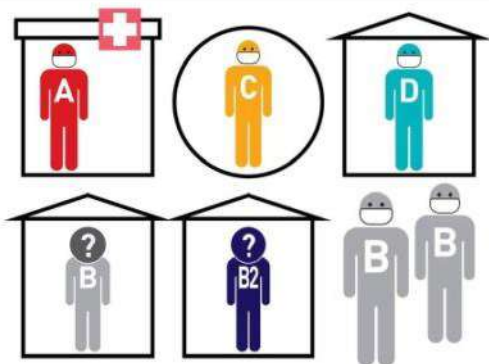
D stay in home & never go out



Once D go out, he/she might contact / meet / passby B. Now D became new B (B2)



The objective of lockdown & quarantine citizen is using time to find out Group B.

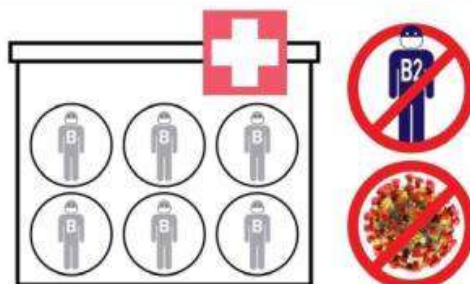


Basically incubation period is 2 weeks. Within 2 weeks, Group B will show symptoms.



By this method, we can

- Find out Group B. Quarantine & treatment applied.
- Reduce & stop B2.
- Until stop the transmission.



Awareness Posters;

Ministry of Health & Family Welfare
Government of India

Help us to help you

NOVEL CORONAVIRUS (COVID-19)

— Protect yourself and others! —

WHEN TO GET TESTED FOR COVID-19?

- You are **not required to get tested** for COVID-19 if you **do not have any symptoms** (Cough, fever or difficulty in breathing)
- If you have any of the above symptoms and have travelled to any of the COVID-19 affected countries including Italy, Iran, Republic of Korea, France, Spain, Germany, UAE etc or you are a contact of a laboratory confirmed positive case immediately call the State Helpline Number or Ministry of Health & Family Welfare, Government of India's **24x7 helpline 011-2397 8046**
- The helpline service will note down your contact details and contact you with the **testing protocols** of COVID-19
- If you qualify as a case for testing as per the protocol, you will be tested at a **Government approved lab only**.

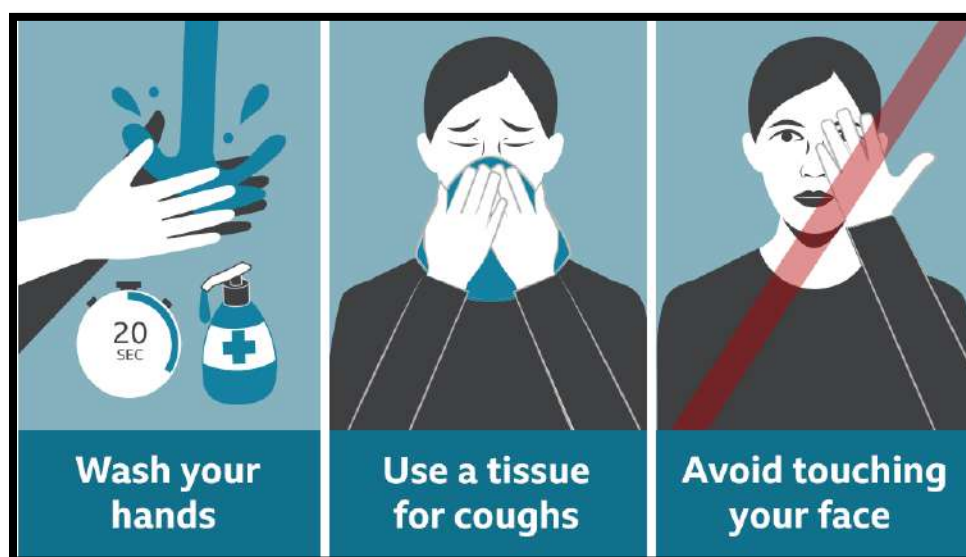
- List of Government approved labs is available at <https://www.icmr.nic.in/>
- Currently, **no private hospital/private laboratory** is authorized to test for COVID-19

Together we can fight Coronavirus

For further information call Ministry of Health & Family Welfare, Government of India's 24X7 control room number **+91-11-23978046** or email at **ncov2019@gmail.com**

mohfw.gov.in f @MoHFWIndia @MoHFW_INDIA mohfwindia

dopd 17102/13/0023/1920



CORONA



Lets endeavour for a “Disaster
Free Country”

District Emergency Operation Centre, Bhuj
Collector Office, Kutch