



# Directorate

## Health and family welfare Services

No: DHS/PS/115/2020-21

Dated: 02.07.2020

### CIRCULAR

**Sub :** Standard Operating Procedure for admission and management of COVID-19 positive cases at COVID Care Center (CCC)

The World Health Organization declared COVID 19 as a global pandemic in March 2020. India has undertaken several measures including lockdown 1.0 to 4.0 to contain the spread of the disease. Karnataka State is fighting the COVID 19 pandemic on a war footing.

The lockdown process is being eased in a gradual, step wise manner and travel between districts, states and countries through multiple modes have also opened up. At this juncture, it is necessary for undertaking meticulous health screening and quarantine in a decentralized manner to ensure COVID prevention in addition to the other personal and administrative measures undertaken.

The COVID Care Centers are makeshift facilities. These may be set up in hostels, hotels, schools, stadiums, lodges etc., both public and private. The patient shall be admitted to CCC, DCHC or DCH based on below mentioned criteria by the triage team either in Government or Private institution as opted by the patient. The patient and /or his relative shall sign the prescribed consent form (annexure) in case he/she is going to a private institution.

The following persons can be admitted directly to COVID care Centre (CCC) after triage.

- All Asymptomatic persons (with body temperature  $\leq 37.5^{\circ}\text{C}$  ( $\leq 99.5^{\circ}\text{F}$ ) and  $\text{SpO}_2$  level  $\geq 95\%$  shall be shifted to directly to COVID care center (CCC) except the following:
  - Aged more than 50 years
  - With co-morbid conditions
  - Pregnant women and lactating mothers
  - Children below 10 years of age.
  - Having any other serious medical/psychological condition.

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*On 02.07.2020*

All other cases shall be shifted to DCHC or DCH based on the severity of symptoms.

All Asymptomatic COVID19 patient admitted at CCC must undergo the following screening tests at the time of admission to CCC.

- Temperature screening with Thermal scanners.
- SpO<sub>2</sub> and Heart rate examination with Pulse Oxymeter scanning.
- Blood pressure.
- Random Blood sugar.

Every COVID Care Centre must necessarily be mapped to one or more Dedicated COVID Health Centres (DCHC) and at least one Dedicated COVID Hospital (DCH) for referral purpose.

Every COVID Care Centre must also have a dedicated Basic Life Support Ambulance (BLSA) equipped with sufficient oxygen support on 24x7 basis, for ensuring safe transport of a case to Dedicated higher facilities if the symptoms progress from mild to moderate or severe. Responsibilities of Doctors and Paramedical staff.

1. Case Records are to be maintained for each patient separately.
2. Daily statistics like bed occupancy, status of patients and referral/ discharges should be updated to BBMP officer/THO in the

Shifts	Ayush / Dentist	MBBS Doctor	Nursing staff	Group D	Lab Technician	DEO*	Ambulance
8th hourly	1:50 Beds	1:200 Beds	1:50 Beds	1:50 Beds	1:100 Beds	1:100 Beds	2 per center

3. Regular Monitoring of the below parameters

- a. Temperature
- b. Pulse Rate
- c. Heart Rate
- d. Blood Pressure
- e. Respiratory Rate
- f. SpO<sub>2</sub>- saturation as shown by the Pulse Oximeter
- g. Symptoms as described by the patients with special attention to difficulty in breathing/persistent pain or pressure in the chest
- h. Above a to f to be monitored once at the beginning of each shift mandatorily and also as per need basis.

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*Only*



4. If any patient admitted to the COVID Care Centre progresses to show moderate or severe symptoms, such patient will be shifted to a Dedicated COVID Health Centre or Dedicated COVID Hospital at the earliest. The CCC nodal person will be responsible for the same.

  
Director

Health & Family Welfare Services,  
Bengaluru.

To

1. All Dist. Health & FW Officers
2. All Dist. Surgeons of Dist. Hospitals
3. All Divisional Joint Directors

Copy to:

1. Commissioner, BBMP, Bengaluru.
2. Special commissioner (Health & Planning) BBMP, Bengaluru
3. Commissioner, Health & Family welfare services Bengaluru.
4. Mission director, National Health Mission, & OSD, SSU, Health and Family Welfare Services, Bengaluru.
5. All Deputy Commissioners.

the following table is a summary of the results of the experiments conducted on the effect of the concentration of the solution on the rate of reaction. The results show that the rate of reaction increases with increasing concentration of the solution.

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the following table is a summary of the results of the experiments conducted on the effect of the concentration of the solution on the rate of reaction.

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## **ANNEXUER - 1**

### **Requirements for COVID Care Center (CCC)**

#### **1. Access considerations**

- Parking space including Ambulances etc.
- Ease of access for delivery of food/medical/other supplies
- Differently-abled Friendly facilities (preferably)

#### **2. Ventilation capacity:** Well ventilated preferably natural

#### **3. Basic infrastructure/functional requirements:**

- Rooms/Dormitory separated from one another may be preferable with in-house capacity of 5-10 beds/room
- Each bed to be separated 1-2 meters (minimum 1 metre) apart from all sides.
- Lighting, well-ventilation, heating, electricity, ceiling fan
- Potable water to be available
- Functional telephone system for providing communications / Desktop
- Laundry services
- Sanitation services/Cleaning and House keeping
- Properly covered bins as per BMW may be placed

#### **4. Space requirements for the facility:**

- Administrative offices
- Reception area
- Logistics areas/Pharmaceutical rooms
- Rest rooms- doctors/nurses/supporting staffs
- Clinical examination room/ nursing station / Sampling area
- Laundry facilities (on- or off-site)
- Mess/Meal preparation (on- or off-site)
- Holding area for contaminated waste
- Wash room/Bathroom/Toilet
- Inhouse accommodation for working staff

#### **5. Social support resources/ Recreational areas (preferable)**

- Television and radio / Reading materials/ indoor plays

#### **6. Securing Entry and Exit points**

- In order to prevent and control infection in the facility, strategic points in the facility needs to be identified including the administrative area where a person entering inside CCC to get proper awareness and training on infection control measures
- A well informed and trained security to check (main entrance gate of the area) and a guard (24\*7) with registers for ins and outs
- Only authorized & trained persons or those designated in work areas to permitted to enter the CCC.

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### **Checklist for Covid Care Center**

- Alcohol-based hand rub.
- Plain soap (liquid if possible, for washing hands in clean water)
- Clean single-use towels (e.g. paper towels)
- Sharps containers
- Appropriate detergent for environmental cleaning and disinfectant for disinfection of surfaces, instruments or equipment
- Large plastic bags
- Appropriate clinical waste bags
- Linen bags
- Collection container for used equipment
- Standard IEC
- Standard protocols for hand hygiene, sample collection and BMW displayed clearly
- Standard Infection prevention and control protocols
- Standard Clinical management protocols

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## Annexure - 2

### CCC arrangement template

<b>CCC &lt; ... number .... &gt;</b>		
<b>Location:</b> < ..... address ..... >		
<b>Contact Number:</b> < ..... >		
<b>Strength:</b> < ..... > beds		
<b>Nodal Officer :</b> < .....Name ..... > & < .... mobile number .... >		
<b>Admin Officer of the institution:</b> < ... Name ..... > & < ..... mobile number .... >		
<b>Arrangements</b>	<b>Name and Contact Number</b>	<b>Person Incharge</b>
Medical Staff	Doctors	
	Nursing Staff	
Triage Team		
Housekeeping staff		
Medical Supplies	Medicines and diagnostic equipment	
	PPE and others	
Personal supplies (Patient's kit)		
Furnishings (beds, linen, etc.)		
Food and drinking water		
Waste disposal including bio-medical waste		
Funds for local expenses		
Ambulance arrangement		
Health checkup protocol and reporting arrangements		
Training of all staff		< .. date .. >
Certification (fit for operation) <sup>1</sup>		< .. date .. >

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