

File No. DCGI/Misc/2020(96)
Government of India
Directorate General of Health Services
Central Drugs Standard Control Organization
(DCGI Secretariat)

FDA Bhawan, Kotla Road
New Delhi-110002
Dated: 16.04.2020

To,
All State/UT Drugs Controllers

Subject: Survey and monitoring to ensure the availability of critical drugs for management of the situation arising due to COVID- 19 - Regarding

Sir/ Madam,

In light of present situation due to spread of Covid-19, Ministry of Health & Family Welfare, Government of India Vide its letter X-11035/155/2020-DR dated 16.04.2020 has instructed to take various steps in order to ensure availability of sufficient quantity of drugs in the domestic retail markets besides ensuring that the products conform to the prescribed specifications.

2. While Hydroxychloroquine (200 mg) and Azithromycin (500 mg) tablets have already been recommended for patients requiring ICU management, asymptomatic healthcare workers and asymptomatic household contacts of positive cases, the Ministry has forwarded vide its letter no.18-03/2020-DC/COVID-19 dated 16.04.2020 a list of 55 drugs prepared by Directorate General of Health Services (DGHS), the technical wing of the Ministry, for ICU management of COVID-19 patients admitted to hospitals (copy enclosed). In addition, the DGHS has also provided a general list containing essential drugs that are projected to be required in the country during the following three-month period. A copy of this list is also enclosed.

3. In this regard, as per the instruction, following steps are required to be taken:

- a) Monitoring stockpiling and issuing immediate approvals to applications for the manufacture of drugs including sanitizers and tightening procedures to monitor for any possible shortages of the drugs caused by disruption to global supplies.

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Action taken on each of the above objectives may please be intimated to this office on regular basis through mail at enforcecell.div@cdsco.nic.in, dci@nic.in and vgsidci@gmail.com. The situation and implementation to meet the above objectives will be deliberated on weekly basis through video conferencing.

Your cooperation will be highly appreciated.

Yours faithfully,



(Dr. V.G. Somani)
Drugs Controller General (India)

Copy to :

1. **All Zonal/Sub Zonal offices of CDSCO - to coordinate with State/UT Drugs Control authorities in the matter.**

Copy for Information to:

1. **PS to JS (R), Ministry of Health & Family Welfare, Nirman Bhavan, New Delhi.**
2. **PPS to DGHS, Ministry of Health & Family Welfare, Nirman Bhavan, New Delhi.**

The following drugs may be needed for ICU management of patients of COVID - 19 if admitted to hospital (based on average consumption)

Annex. I

Sr. No	Category of Drug	Name of Drug	Requirement for 10 days for 1 patient in ICU	Requirement for 10 days for 25 patients in ICU	Requirement for 60 days for 150 patients in ICU
	Vasopressors				
1		Inj. Noradrenaline 1mg/ml	30 amps	750 amps	27,000 amps
2		Inj. Vasopressin 5mg/ml	30 amps	750 amps	27,000 amps
3		Inj. Dobutamine 1mg/m	10 amp	250 amps	9,000 amps
4		Inj. Adrenaline 1mg/ml	29 amps	725 amps	26,100 amps
5		Inj. Atropine Sulphate 1mg/ml	15 amps	375 amps	13,500 amps
	Arrhythmia drugs/ Emergency cardiac drugs				
6		Inj. Amiodarone 150mg	17 amps	425 amps	15,300 amps
7		Inj. Enalaprilat 1.25mg	12 amps	300 amps	10,800 amps
8		Inj. Labetalol 5 mg/mL (10ml)	6 amps	150 amps	5,400 amps
	Analgesia/ Sedatives/ Muscle relaxants				
9		Inj. Midazolam 10mg	10 amps	250 amps	9,000 amps
10		Inj. Vecuronium 4mg/ml	6 amps	150 amps	5,400 amps
11		Inj. Suxamethonium 50mg/ml	2 amp	50 amps	1,800 amps
12		Inj. Fentanyl 50mcg/ml	7 amps	175 amps	6,300 amps
	Antibiotics/ Antimicrobial Agents				
13		Inj. Amoxicillin/Clavulanic Acid (500mg/125mg)	30 amps	750 amps	27,000 amps
14		Inj. Ceftriaxone 1gm	20 amps	500 amps	18,000 amps

15	Inj. Meropenam 1gm	10 amps	250 amps	9,000 amps
16	Inj. Targocid 400mg	12 amps	300 amps	10,800 amps
17	Inj. Vancomycin 500mg	30 amps	750 amps	27,000 amps
18	Inj. Ciprofloxacin 500mg	20 amps	500 amps	18,000 amps
19	Inj. Levofloxacin 500mg	10 amps	250 amps	9,000 amps
20	Inj. Cefotaxime 1gm	20 amps	500 amps	18,000 amps
21	Inj. Artesunate 120mg	6 amps	150 amps	5,400 amps
22	Inj. Linezolid 600mg	20 amps	500 amps	18,000 amps
23	Inj. Clindamycin 600mg	20 amps	500 amps	18,000 amps
24	Inj. Metronidazole 500mg	30 amps	750 amps	27,000 amps
Nebulisation				
25	Salbutamol Respiratory Solution 5mg	15 respules	375 respules	13,500 respules
26	Salbutamol/ipratropium Solution 5mg/500 mcg	30 respules	750 respules	27,000 respules
27	Formetrol/Budesonide (20mcg/0.5mg)	20 respules	500 respules	18,000 respules
Other Drugs				
28	Lignocaine 2% inj. (30ml)	2 amp	50 amps	1,800 amps
29	Chlorhexidine mouth wash	2 bottles	50 bottles	1,800 bottles
30	Chlorhexidine Skin preparation	2 bottles	50 bottles	1,800 bottles
31	Betadine skin preparation	2 bottles	50 bottles	1,800 bottles
32	Heparin 5000 IU/ml inj (5ml)	2 amps	50 amps	1,800 amps
33	Inj. Enoxaparin 0.6ml	10 amps	250 amps	9,000 amps
34	Inj. Tranexamic acid 50mg/ml	9 amps	225 amps	8,100 amps
35	Inj. Frusemide 10mg/ml (2ml)	15 amps	375 amps	13,500 amps
36	Inj. Hydrocortisone acetate 100mg/1ml	21 amps	525 amps	18,900 amps
37	Inj. Potassium chloride 15% (10ml)	7 amps	175 amps	6,300 amps
39	Inj. Sodium bicarbonate 7.5 %	15 amps	375 amps	13,500 amps
40	Regular Insulin (100U/ml)	2 amp	50 amps	1,800 amps

41		Tab. Paracetamol 500mg	21 tabs	525 tabs	18,900 tabs
42		Tab. Levocetirizine 5mg	10 tabs	250 tabs	9,000 tabs
43		Tab. Pantoprazole 40mg	10 tabs	250 tabs	9,000 tabs
44		Tab. Prednisolone 5mg	43 tabs	1075 tabs	38,700 tabs
45		Tab. Cetirizine 10mg	10 tabs	250 tabs	9,000 tabs
46		Tab. Oseltamivir 75mg	15 tabs	375 tabs	13,500 tabs
47		Tab. Amlodipine 5mg	10 tabs	250 tabs	9,000 tabs
48		Tab. Atenolol 50mg	10 tabs	250 tabs	9,000 tabs
Sr. No	Category of Drug	Name of Drug	Requirement for 10 days for 1 patient	Requirement for 10 days for 25 patients	Requirement for 60 days for 150 patients in ICU
	Anti Epileptic				
49		Inj. Diazepam 5mg/ml (2ml)	10 vials	250 vials	9,000 vials
50		Inj. Sodium Valproate 100mg/ml	10 vials	250 vials	9,000 vials
51		Inj. Levetiracetam 500mg	10 vials	250 vials	9,000 vials
	IV Fluids				
52		Normal Saline (NS)	20 vacs	500 vacs	18,000 vacs
53		Ringer's Lactate	30 vacs	750 vacs	27,000 vacs
54		Dextrose Normal Saline	10 vacs	250 vacs	9,000 vacs
55		Mannitol 20% (500 ml)	2 vacs	50 vacs	1,800 vacs

Requirement of drugs for syndromic treatment of other illnesses in the population of the country will be as much as the retail level consumption of drugs on list of the National Formulary of drugs approved by Indian Pharmacopoeia Commission and as per records available with Department of Pharmaceuticals.