



ALL INDIA ORGANISATION OF CHEMISTS & DRUGGISTS[®]

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May 5, 2020

Ref: APS/AIOCD/605/2020

To,

**ALL OFFICE BEARERS / PRESIDENTS / SECRETARIES AND
EXECUTIVE COMMITTEE MEMBERS OF AIOCD**

Sub: Ministry of Health and Family Welfare Recognized Chemists Services. Appeals Adequate Availability of Medicines.

Sir,

Please find enclosed with this a letter from Mr. Sudhanshu Pant, IAS Officer on Special Duty of Ministry of Health and family welfare, vide letter No. DO. 9/2020/OSD/(SP) Dated 3-05-2020. Mr. Pant has Thanked AIOCD, Its Office Bearers & Chemists fraternity for rendering courageous services during COVID 19 Pandemic. The letter is self- explanatory.

He has also noted that most of us are maintaining availability and supply of important drugs in the country. He has also appreciated the untiring efforts of our Chemists for maintaining availability of drugs though Lockdown.

AIOCD is really thankful to Mr. Pant & Ministry of Health and Family Welfare Govt. of India.

We feel proud of Our Chemists, they are real `JAN SWASTHYA RAKHSHAK` of the country, their unforgettable outstanding services will be remembered by Government as well as the public of the country particularly nearby Chemists are only providing medicine in the country in this pandemic.

Still all of us have to work hard for some more time and carefully dispense drugs like HCQ and Azithromycin which are mandated to be sold on prescriptions only.

Further as a precautionary measure it has been advised to maintain optimum availability of listed 55 & 95 drugs sent to you all beforehand (enclosed again) to avoid shortages in case of emergency for ICU patients.

Hope you shall circulate this message to all your Chemists & Stockiest in your States. Social media may be used for immediate Delivery. Our preparedness is must in this demanding situation as careers of needy patients are looking to us for instant life savings medicines.

Let's us consider this is an opportunity to serve our Consumers/ patients on humanitarian ground.

Thanking you,

For **The All India Organisation of Chemists & Druggists**

(J. S. Shinde)
President

(Rajiv Singhal)
Hon Gen. Secretary

Encl : a/a



SUDHANSH PANT
I.A.S.
Officer on Special Duty



भारत सरकार
स्वास्थ्य एवं परिवार कल्याण मंत्रालय
निर्माण भवन
GOVERNMENT OF INDIA
MINISTRY OF HEALTH & FAMILY WELFARE
NIRMAN BHAVAN

DO no.-9/2020/OSD (SP)

Date: 03.05.2020

Dear *Sh. Shinde,*

This is in continuation of the letter sent by the Drug Controller General of India on 16th April, 2020 regarding availability of critical drugs for management of the situation due to COVID-19.

At the outset, I would like to acknowledge the contribution of the Indian Pharma trade channels during these difficult and challenging times. Most of you have strived to continue and maintain availability and supply of important drugs.

By and large, the availability of essential medicines across the country has been satisfactory so far due to your untiring efforts.

In accordance with the clinical management guidelines for COVID-19, Hydroxychloroquine has been recommended as a prophylaxis for certain categories like Health Care Workers and household contacts of positive cases. A combination of Hydroxychloroquine and Azitromycin has also been prescribed for severe patients requiring ICU management. Some other drugs are also presently under various stages of trials but have so far not been recommended for use in India.

A detailed exercise has been undertaken by the Director General of Health Services who has prepared a list of 55 drugs for ICU management and a list of another 96 drugs for general availability and treatment of various co-morbid conditions, which may be required during these times.

Both these lists are being enclosed with this letter. In light of this current pandemic, it is absolutely essential that sufficient market availability of these drugs along with other essential drugs is ensured by your members. These steps will go a long way in the effective clinical management of the pandemic.

I would like to request you to kindly convey this message effectively to your members so that adequate availability of the essential medicines can be ensured during these challenging times of COVID-19.

Thanking you.

Regards.

Yours sincerely,

Sudhansh Pant

Sudhansh Pant

Encl: - As above

To,
Shri Jagannath Sakharam Shinde,
Chairman & MD,
All Indian Origin Chemists & Distributors Ltd. (AIOCD)

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/ml	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. Cefotaximè 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.

Essential drugs required for 3 months period for the whole country

Nomenclature of the Medicine	Strength	Quantity per thousand population as per WHO	Quantity per ten thousand
Non Steroidal Anti-inflammatory Agents			
Paracetamol	Tab 500mg	4000	40000
Ibuprofen	Tab 400mg	1000	10000
Ibuprofen	Tab 200mg	1000	10000
Paracetamol syrup	Oral liq 125mg /5ml	1000	10000
Diclofenac Sodium	Tab 50 mg	1000	10000
Anti Bacterial Agents			
Albendazole	400mg	200	2000
Amoxicillin Cap	500mg	3000	30000
Amoxicillin Syp	125mg/5ml	750	7500
Amoxicillin Cap	250mg	3000	30000
Cap Ampicillin	500mg	3000	30000
Ampicillin injection	500mg	800	8000
Azithromycin	oral suspension 200mg/5ml	250	2500
Capsule Doxycycline	100mg	3000	30000
Amoxicillin + clavulanic acid	Injection 1.2 gm	100	1000
Cefoperazone sulbactam	Injection 1.5 gm	100	1000
Meropenam	Injection 1gm	100	1000
Piperacillin + Tazobactam	Injection 4gm	100	1000
Ceftriaxone	inj 1gm/vial	800	8000
Cephalexin	tab/cap 250 mg	2000	20000
Azithromycin	Tab 500mg	1000	10000
Ofloxacin	tab 200mg	2000	20000
Metronidazole	tab 400mg	2000	20000
Amoxicillin + clavulanic acid	Cap (500mg+125mg)	1500	15000
Amoxicillin + clavulanic acid	powder for oral suspension(125mg+31.25/5ml)	400	4000
Cotrimoxazole (Trimethoprim + Sulphamethoxazole)	Tablets 80 + 400 mg	3000	30000
Cefixime	powder for oral suspension (100mg/5ml)	750	7500
Anti fungal drugs			
Clotrimazole	Pessary 500mg	100	1000
Fluconazole	Tab150 mg	200	2000
Antiviral drugs			
Acyclovir	Tablet 400 mg	500	5000
Cardiovascular drugs			
Acetyl Salicylic acid	Tablet 75 mg	1500	15000
Amlodipine	Tablet 5 mg	500	5000

Enalapril	Tablet 5 mg	5000	50000
Furosemide	Tablet 40 mg	500	5000
MethylDopa	tab 250mg	100	1000
Hydralazine	Powder for Inj 20mg/amp	20	200
Atenolol	tab 50 mg	2000	20000
Glycerol trinitrate	tab 500mcg	500	5000
Atropine	injection 1mg/ml 1 ml/ampoule	50	500
Epinephrine (adrenaline), injection 1 mg/ml	1 ml/ampoule	50	500
Dermatological drugs			
Povidine Iodine	10% , 200 ml bottle	120	1200
Miconazole	oint 2%	20	200
Silver sulfadiazine, cream 1%	tube, 50 g	30	300
Gastrointestinal Medicines			
Omeprazole	tab 20mg	100	1000
Domperidone	tab 10mg	100	1000
Ondansteron	tab 4mg	100	1000
Antacid(Al hydroxide +Mg hydroxide)	tab	200	2000
Dicyclomine	tab 10mg	100	1000
Antiallergic medicine/medicine for anaphylaxis			
Cetirizine Hydrochloride	tab 10mg	4000	40000
	Injection 22.75 mg / ml	150	
Pheniramine Maleate			1500
Hydrocortisone, powder for injection 100 mg (as sodium succinate)	vial	50	500
Prednisolone, tablet 5 mg	tablet	1000	10000
Medicine for respiratory tract			
Salbutamol	tab 4mg	400	4000
Salbutamol inhaler	100mcg/dose	75	750
Beclomethasone inhaler	100mcg/dose	75	750
Etofylline+ Theophylline	Tab (84.3+25.3mg)	400	4000
Anticonvulsants/antiepileptics			
Carbamazepine, tablets (scored) 200 mg	tablet	2200	22000
Sodium Valproate	tablet 200 mg	1100	11000
Phenytoin Sodium	Injection 50 mg/ml	200	2000
Diazepam, injection 5 mg/ml [controlled substance]	2 ml/ampoule	200	2000
Magnesium sulfate, injection 500 mg/ml	10 ml/ampoule	30	300
Hormones, other endocrine medicines and contraceptives			
Inj Intermediate-acting insulin,	100 IU/ml [cold chain] 10 ml/vial	20	200

Inj Soluble insulin, injection	100 IU/ml [cold chain] 10 ml/vial	20	200
<i>Metformin</i>	tab 500mg	700	7000
Glimepride	tab 2mg	350	3500
<i>thyroxine</i>	50 mcg	700	7000
Medicines affecting the blood			
Folic acid, tablets	5 mg tablet	1000	10000
Heparin sodium,	injection 5 000 IU/ml vial 5 ml	25	250
Oxytocics			
Misoprostol,	tablets 200 mcg tablet	60	600
Oxytocin,	injection 10 IU/ml [cold chain] ampoule	200	2000
Antianxiety medications			
Biperiden, tablets 2 mg	tablet	400	4000
Diazepam, tablets 5 mg [controlled substance]	tablet	240	2400
Fluoxetine, tablets 20 mg	tablet	5000	50000
Haloperidol, injection 5 mg/ml	1 ml/ampoule	20	200
Haloperidol, tablets 5 mg	tablet	1300	13000
Antidiarrheal agents			
<i>ORS (oral rehydration salts) powder</i>	(10 x 200)	2000	20000
<i>Zinc sulfate, dispersible tabs 20 mg</i>	(10 x 1000)	10000	100000
Solutions correcting water, electrolytes and acid-based disturbances			
Ringer's lactate, injectable solution, with giving set and needle	500 ml bag	200	2000
Glucose 5%, injectable solution, with giving set and needle	500 ml bag	100	1000
Sodium Chloride	0.9% isotonic	200	2000
Vitamins and Minerals			
Ferrous sulfate + folic acid, tablets 200 mg + 0.4 mg	tablet	2000	20000
Vitamin B Complex	tablet	2000	20000
Calcium + Vit D3	tablet (500 mg + 250 IU)	2000	20000
Ascorbic acid, tablets 250 mg	tablet	4000	40000
Anesthetic/Analgesic agents			
Nitrous Oxide	Inhalation		
Oxygen	Inhalation		
Morphine 10mg/ml	1mg/ml	50	500
Ketamine, injection 50 mg/ml	10 ml/vial	25	250
Lidocaine, injection 1%	20 ml/vial	50	500
Thiopentone Sodium S, T	Injection 1 g powder	25	250
Lignocaine Hydrochloride	Topical Forms, 2-5%,	100	1000
Miscellaneous			
Activated Charcoal	Oral, tab 250mg	50	

Specific antisnake venom	injection	50	
Calcium gluconate	inj 100mg/ml, 10/ml/amp	10	100
Anti Rabies Vaccine	Inj 1ml/vial	100	1000
Anti rabies serum	Inj 5000IU/2ml	25	250
Ciprofloxacin	Eye/ear drops	150	1500