



ALL INDIA ORGANISATION OF CHEMISTS & DRUGGISTS®

201, Safalya Bldg., 2nd Floor, Opp. Jaigopal Industrial Estate, Baburao Parulekar Marg, Dadar (W), Mumbai 400 028.
Tel.: 2430 6889 / 2430 6874 / 6145 2929 • Fax : 2430 6973 / 6145 2925 • Visit us on : www.aiocd.net

President :

J. S. SHINDE

Email: aiocd@aiocd.com
jagannath.shinde@aiocd.com

Hon. Gen- Secretary :

RAJIV SINGHAL

M/s. Shree Radhey Trade Logistics,
Prabhu Kripa 120, S. R. Compound,
Lasudia, Indore - 452 010, M.P.
Tel. : 0731 - 4002350 Mob.: 9425056394
Email : gsrajiv.singhal@aiocd.com

April 17, 2020

Ref : APS/AIOCD/596/2020

To,

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

**Sub : Survey and Monitoring to ensure the availability of Critical Drugs for Management of the
Situation arising due to Pandemic Covid – 19 reg....**

Sir,

Please find enclosed letter alongwith list of Critical Drugs for Management of the situation arising due to Pandemic Covid – 19, by DCG(I), New Delhi.

In this regard, please refer our previous letter no. APS/AIOCD/595/2020 dt 17th April 2020, reg. Guidelines for Essential Drugs.

Kindly circulate this letter for information to trade members & co operate.

Thanking you,

For The All India Organisation of Chemists & Druggists

(J. S. Shinde)
President

(Rajiv Singhal)
Hon Gen. Secretary

Encl : a/a

April 17, 2020

Ref : MSCDA/481/2020

**ALL THE OFFICE BEARERS / ZONAL OFFICE BEARERS &
DISTRICT PRESIDENTS/SECRETARIES
OF THE M.S.C.D.A.**

**Subject : Survey and Monitoring to ensure the availability of Critical Drugs for Management of
the Situation arising due to Pandemic Covid – 19 reg....**

Sir,

Please find attached herewith the copies of circular received from AIOCD vide ref no. APS/AIOCD/595/2020 and APS/AIOCD/596/2020 dt. April 17, 2020 alongwith the list of Critical Drugs for Management of the situation arising due to Pandemic Covid – 19, by DCG(I), New Delhi.

Kindly circulate the same amongst all your district members for their information.

Thanking you

Yours faithfully,
For The MSCDA



**(J. S. SHINDE)
PRESIDENT**



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Email : gsrajiv.singhal@aiocd.com

Dated: 17th April, 2020

APS/595/AIOCD/2020

**To All Office Bearers, E C Members,
President, Secretaries,
All State Chemists Association**

Sub : Guidelines from Govt of India ..

Dear Sir,

We have received instructions from Govt of India to keep the sufficient stock of the medicines as per the list enclosed here with to fight with the Covid-19 situation ,

So AIOCD is directed to **enclose** herewith a list of 55 drugs that may be required for ICU management of COVID-19 patients admitted to hospitals. In addition, a general list containing essential drugs that are projected to be required in the country during the following three-month period is also **enclosed**.

2. It is important to ensure availability of the drugs included in these two lists for effective management of the situation arising out of the pandemic. It would be appreciated if all 8.50 lac members of AIOCD could take necessary steps to ensure sufficient availability of these drugs in the pharmacy stores.

Please find the list herewith and circulate to all 8.50 lac members today by message/ whatseep in all districts groups , mail etc so that we can make available all drugs available to fight with Covid-19.

“Corona Harega Desh Jeetaga”

Encl: List of Medicines

Thanking you,

For The All India Organisation of Chemists & Druggists

(J. S. Shinde)

President

(Rajiv Singhal)

Hon Gen. Secretary

Essential drugs required for 3 months period for the whole country

Nomenclature of the Medicine	Strength
Non Steroidal Anti-inflammatory Agents	
Paracetamol	Tab 500mg
Ibuprofen	Tab 400mg
Ibuprofen	Tab 200mg
Paracetamol syrup	Oral liq 125mg /5ml
Diclofenac Sodium	Tab 50 mg
Anti Bacterial Agents	
Albendazole	400mg
Amoxycillin Cap	500mg
Amoxycillin Syp	125mg/5ml
Amoxycillin Cap	250mg
Cap Ampicillin	500mg
Ampicillin injection	500mg
Azithromycin	oral suspension 200mg/5ml
Capsule Doxycycline	100mg
Amoxicillin + clavulanic acid	Injection 1.2 gm
Cefoperazone sulbactum	Injection 1.5 gm
Meropenam	Injection 1gm
Piperillin + Tazobactum	Injection 4gm
Ceftriaxone	inj 1gm/vial
Cephalexin	tab/cap 250 mg
Azithromycin	Tab 500mg
Ofloxacin	tab 200mg
Metronidazole	tab 400mg
Amoxicillin + clavulanic acid	Cap (500mg+125mg)
Amoxicillin + clavulanic acid	powder for oral suspension(125mg+31.25/5ml)
Cotrimoxazole (Trimethoprim + Sulphamethoxazole)	Tablets 80 + 400 mg
Cefixime	powder for oral suspension (100mg/5ml)
Anti fungal drugs	
Clotrimazole	Pessary 500mg
Fluconazole	Tab150 mg
Antiviral drugs	
Acyclovir	Tablet 400 mg
Cardiovascular drugs	
Acetyl Salisyllic acid	Tablet 75 mg
Amlodipine	Tablet 5 mg
Enalapril	Tablet 5 mg
Furosemide	Tablet 40 mg

MethylDopa	tab 250mg
Hydralazine	Powder for Inj 20mg/amp
Atenolol	tab 50 mg
Glyceryl trinitrate	tab 500mcg
Atropine	injection 1mg/ml 1 ml/ampoule
Epinephrine (adrenaline), injection 1 mg/ml	1 ml/ampoule
Dermatological drugs	
Povidine Iodine	10% , 200 ml bottle
Miconazole	oint 2%
Silver sulfadiazine, cream 1%	tube, 50 g
Omeprazole	tab 20mg
<i>Domperidone</i>	tab 10mg
<i>Ondansteron</i>	tab 4mg
Antacid(Al hydroxide +Mg hydroxide)	tab
Dicyclomine	tab 10mg
Antiallergic medicine/medicine for anaphylaxis	
Cetirizine Hydrochloride	tab 10mg
	Injection 22.75 mg / ml
Pheniramine Maleate	
Hydrocortisone, powder for injection 100 mg (as sodium succinate)	vial
Prednisolone, tablet 5 mg	tablet
Medicine for respiratory tract	
Salbutamol	tab 4mg
Salbutabol inhaler	100mcg/dose
Beclomethasone inhaler	100mcg/dose
Etofylline+ Theophylline	Tab (84.3+25.3mg)
Anticonvulsants/antiepileptics	
Carbamazepine, tablets (scored) 200 mg	tablet
Sodium Valproate	tablet 200 mg
Phenytoin Sodium	Injection 50 mg/ml
Diazepam, injection 5 mg/ml [controlled substance]	2 ml/ampoule
Magnesium sulfate, injection 500 mg/ml	10 ml/ampoule
Hormones, other endocrine medicines and contraceptives	
Inj Intermediate-acting insulin,	100 IU/ml [cold chain] 10 ml/vial
Inj Soluble insulin, injection	100 IU/ml [cold chain] 10 ml/vial
<i>Metformin</i>	tab 500mg
Glimepride	tab 2mg
<i>thyroxine</i>	50 mcg
Medicines affecting the blood	

Folic acid, tablets	5 mg tablet
Heparin sodium,	injection 5 000 IU/ml vial 5 ml
Oxytocics	
Misoprostol,	tablets 200 mcg tablet
Oxytocin,	injection 10 IU/ml [cold chain] ampoule
Antianxiety medications	
Biperiden, tablets 2 mg	tablet
Diazepam, tablets 5 mg [controlled substance]	tablet
Fluoxetine, tablets 20 mg	tablet
Haloperidol, injection 5 mg/ml	1 ml/ampoule
Haloperidol, tablets 5 mg	tablet
Antidiarrhoeal agents	
ORS (oral rehydration salts) powder	(10 x 200)
Zinc sulfate, dispersible tabs 20 mg	(10 x 1000)
Solutions correcting water, electrolytes and acid-based disturbances	
Ringer's lactate, injectable solution, with giving set and needle	500 ml bag
Glucose 5%, injectable solution, with giving set and needle	500 ml bag
Sodium Chloride	0.9% isotonic
Vitamins and Minerals	
Ferrous sulfate + folic acid, tablets 200 mg + 0.4 mg	tablet
Vitamin B Complex	tablet
Calcium + Vit D3	tablet (500 mg + 250 IU)
Ascorbic acid, tablets 250 mg	tablet
Anesthetic/Analgesic agents	
Nitrous Oxide	Inhalation
Oxygen	Inhalation
Morphine 10mg/ml	1mg/ml
Ketamine, injection 50 mg/ml	10 ml/vial
Lidocaine, injection 1%	20 ml/vial
Thiopentone Sodium S, T	Injection 1 g powder
Lignocaine Hydrochloride	Topical Forms, 2-5%,
Miscellaneous	
Activated Charcoal	Oral, tab 250mg
Specific antishake venom	injection
Calcium gluconate	inj 100mg/ml, 10/ml/amp
Anti Rabies Vaccine	Inj 1ml/vial
Anti rabies serum	Inj 5000IU/2ml
Ciprofloxacin	Eye/ear drops

Annex T

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

Sr. No	Category of Drug	Name of Drug
	Vasopressors	
1		Inj. Noradrenaline 1mg/ml
2		Inj. Vasopressin 5mg/ml
3		Inj. Dobutamine 1mg/ml
4		Inj. Adrenaline 1mg/ml
5		Inj. Atropine Sulphate 1mg/ml
	Arrhythmia drugs/ Emergency cardiac drugs	
6		Inj. Amiodarone 150mg
7		Inj. Enalaprilat 1.25mg
8		Inj. Labetalol 5 mg/mL (10ml)
	Analgesia/ Sedatives/ Muscle relaxants	
9		Inj. Midazolam 10mg
10		Inj. Vecuronium 4mg/ml
11		Inj. Suxamethonium 50mg/ml
12		Inj. Fentanyl 50mcg/ml
	Antibiotics/ Antimicrobial Agents	
13		Inj. Amoxicillin/Clavulanic Acid (500mg/125mg)
14		Inj. Ceftriaxone 1gm

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

41		Tab. Paracetamol 500mg
42		Tab. Levocetirizine 5mg
43		Tab. Pantoprazole 40mg
44		Tab. Prednisolone 5mg
45		Tab. Cetirizine 10mg
46		Tab. Oseltamivir 75mg
47		Tab. Amlodipine 5mg
48		Tab. Atenolol 50mg

Sr. No	Category of Drug	Name of Drug
	Anti Epileptic	
49		Inj. Diazepam 5mg/ml (2ml)
50		Inj. Sodium Valproate 100mg/ml
51		Inj. Levetiracetam 500mg
	IV Fluids	
52		Normal Saline (NS)
53		Ringer's Lactate
54		Dextrose Normal Saline
55		Mannitol 20% (500 ml)

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.

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,
The Chemists & Druggists Associations

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 of drugs including sanitizers and tightening procedures to monitor for any possible shortages of the drugs caused by disruption to global supplies.
- b) Maintaining checks on the availability of drugs for use in the treatment of the COVID- 19 disease, in consultation with relevant stakeholders.
- c) Developing a pandemic communication strategy with dealers, distributors and pharmacies to help determine available quantities of medical supplies used in slowing the spread of the virus.

Contd....2/

- d) Ensuring that the drug formulations are available at affordable prices in the market and to prevent black-marketing, illegal hoarding, and creating artificial shortages.
- e) Ensuring that retailers/ wholesalers continue to adhere to normal ordering patterns and avoid stockpiling of medications. Stockpiling of medications can result in reduced volume of medicines in supply chains, which could compromise the ability of the health care system to respond to a crisis.

4. Accordingly, you are requested to ask your members to take all proactive steps to meet the above objectives to ensure availability of the drugs with assured quality at affordable price and to supplement the efforts of Government for management of the situation arising due to COVID- 19 in the country.

Action taken in this regard may please be intimated to this office on enforcecell.div@cdsco.nic.in , vgsjdci@gmail.com and dci@nic.in.

Your cooperation will be 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.

Annex I

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

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
1	<u>Vasopressors</u>	Inj. Noradrenaline 1mg/ml	30 amps	750 amps	27,000 amps
		Inj. Vasopressin 5mg/ml	30 amps	750 amps	27,000 amps
		Inj. Dobutamine 1mg/m	10 amp	250 amps	9,000 amps
		Inj. Adrenaline 1mg/ml	29 amps	725 amps	26,100 amps
		Inj. Atropine Sulphate 1mg/ml	15 amps	375 amps	13,500 amps
6	<u>Arrhythmia drugs/ Emergency cardiac drugs</u>	Inj. Amiodarone 150mg	17 amps	425 amps	15,300 amps
		Inj. Enalaprilat 1.25mg	12 amps	300 amps	10,800 amps
		Inj. Labetalol 5 mg/mL (10ml)	6 amps	150 amps	5,400 amps
9	<u>Analgesia/ Sedatives/ Muscle relaxants</u>	Inj. Midazolam 10mg	10 amps	250 amps	9,000 amps
		Inj. Vecuronium 4mg/ml	6 amps	150 amps	5,400 amps
		Inj. Suxamethonium 50mg/ml	2 amp	50 amps	1,800 amps
		Inj. Fentanyl 50mcg/ml	7 amps	175 amps	6,300 amps
13	<u>Antibiotics/ Antimicrobial Agents</u>	Inj. Amoxicillin/Clavulinic Acid (500mg/125mg)	30 amps	750 amps	27,000 amps
		Inj. Ceftriaxone 1gm	20 amps	500 amps	18,000 amps
14					

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. Levocefrizine 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 Pharmacopeia Commission and as per records available with Department of Pharmaceuticals.