

Availability of Essential Fast-Moving Drugs with CGMSC– Assessment Report (as on 3rd June 2021)

Objectives: This assessment is meant to answer the following questions:

- a) Which fast-moving drugs are stocked-out or in inadequate quantity in CGMSC godowns?
- b) What is the status of Purchase Orders (POs) of the above drugs?
- c) What is the status of their rate contract?

Methodology: In order to assess the availability of much needed essential drugs, this analysis focuses on a list of 127 high priority items (121 drugs and 6 consumables). These fast moving drugs are frequently prescribed by physicians and cover a large share of primary health care needs of the population. This list has been officially designated as ‘fast moving’ drugs by Directorate of Health Services.

For this analysis, data on stocks in godowns, purchase orders and rate contracts has been taken from CGMSC website on 3rd June 2021 and compared with 3 month buffer quantities defined by Directorate of Health Services.

In order to identify the drugs in shortage, Current stock quantity in godowns includes the quantity under Quality Control (QC).

Table 1: Status of fast moving drugs at CGMSC Level:

Sl No.	Indicator	Number	Number of drugs of which PO issued but are in pipe line	Number of drugs with no rate contract	Drugs with RC but no PO
1	Number of fast moving drugs with zero stock	22	2	16	4
2	Number of fast moving drugs with less than 1 month stock	34	28	2	4
3	Number of fast moving drugs with 1 to 2 months of stock (List-Annexure 3)	14	12	0	2
4	Number of fast moving drugs with 2 to 3 months of stock (List-Annexure 3)	57	19	4	36

A significant improvement has been observed from the status a month ago. Of the drugs in shortage last month, CGMSC has placed POs for 15 of them. As a result, the number of drugs in severe shortage has reduced from 41 to 26 in June 2021.

Suggested Action Points:

1. Out of the stocked-out 22 drugs, there is no valid rate contract (RC) available for 16 drugs. Their RCs need to be completed soon. (List-Annexure 1)
Another 34 drugs are going to get stocked out soon but POs have been issued for 28 of them (List-Annexure 2). 4 of the above items have a valid RC and therefore POs can be issued for them.
2. DHS has provided the Buffer Stock quantities to CGMSC for the fast-moving drugs. CGMSC should create a system of alerts in its software when the total CGMSC stocks dip below that level.

ANNEXTURE 1: Fast moving drugs with zero stock

Item Code	Item Name	Strength	Pack size	EDL	RC status	Ready for issue + QC pending drugs	Pipe line- PO issued
C160	Multistix 10 Sg For Urine	pack of 100 strips		U	RC Not Valid	0	0
D199	Epinephrine Hydrochloride (Adrenaline)	Injection: 1mg/ml	Ampule	U	RC Not Valid	0	0
D422	Povidone Iodine Solution IP	5% W/V	500 ml Bottle	U	RC Valid	0	0
D433	Primaquine diphosphate 2.5 Tablet IP	2.5 mg	#N/A	U	RC Not Valid	0	0
D560	Amoxicillin anhydrous	500mg	Dispersible tablet	U	RC Valid	0	0
GTS01	Glucometer Strip			U	RC Not Valid	0	0

SCTK01	Solubility test kits (has 50 test per kit)	Kit		U	RC Not Valid	0	0
D123	Ciproflaxacin Tab. IP 500	500 mg film coated	10 X 10	P	RC Not Valid	0	0
D173	Dicyclomine HCL Inj USP.	10mg/ml	vial	P	RC Not Valid	0	0
D201	Methyl ergometrine 200 mcg Inj. IP/Ergometrine Hydrogen Maleate	0.2 mg/ml		P	RC Not Valid	0	0
D241	Frusemide Inj. IP	10 mg/ml (IM And IV Use)	2 ml Amp	P	RC Not Valid	0	0
D264	Hydrogen Peroxide Solution IP 6%	0.06		P	RC Not Valid	0	0
D30	Amoxicillin anhydrous	Powder for Oral Suspension 125 mg/5 ml	30ml bottle	P	RC Valid	0	0
D309	Lidocaine Hydrochloride	Injection for Spinal Anaesthesia: 5% to be mixed with 7.5% glucose solution	Vial	P	RC Not Valid	0	0
D337	Methyldopa 250mg Tablet IP	250 mg film coated	10 X 10	P	RC Not Valid	0	0
D384	Ondansetron Inj.	2mg/ml		P	RC Not Valid	0	0
D63	Multivitamin Capsule	(B1 10 mg B2 10mg B6 3 mg Niacinamide-100mg Pantothenite 50mg Folic	10 X 10	P	RC Valid	0	0
D733	Sodium Chloride	Nasal Drop		P	RC Not Valid	0	0
SCTK02	Sickle Cell Point of Care test (POC)	Competitive lateral flow assay Rapid Test incorporating monoclonal antibodies for detection of hemoglobin A, hemoglobin S, and hemoglobin		U	RC Not Valid		0

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D244	Gentamicin Sulphate Eye/Ear drop Solution	5ml. vial (0.3% W/V)		P	RC Valid	0	97007
D188	Domperidone 10mg Tablet IP	10 mg	10 x 10	S	RC Valid	0	553000
D28	Amoxicillin anhydrous	Tablet or Capsule 250 mg	10 X 10	P	RC Not Valid	100	0

Annexure 1 is about 22 of fast moving drugs with zero stock at CGMSC godowns and 16 of these drugs have no valid rate contract.

ANNEXTURE 2: Fast moving drugs with less than 1 month stock

Item Code	Item Name	Strength	Pack size	ED L	RC status	Ready for issue + QC pending drugs	Pipe line-PO issued
D395	Paracetamol Tab. IP	500 mg	10 X 10	U	RC Valid	605313	5434630 0
D125	Ciprofloxacin Eye Drops IP	0.3% w/v	5 ml Vial	P	RC Not Valid	7167	0
C162	Uristix for albumine and sugar			U	RC Valid	4253	0
D233	Folic Acid Tab. IP	5 mg	10 X 10	P	RC Valid	6200	350000
D226	Flucanazole Tab IP	200 mg	10 X 10	P	RC Valid	6200	409000
D29	Amoxicillin anhydrous	Tablet or Capsule 500 mg	10 X 10	P	RC Not Valid	135000	0
D462	Salbutamol Sulphate Tab. IP	4mg	10 X 10	P	RC Valid	16300	743200
D345	Metronidazole Tab. IP	400 mg Film Coated	10 X 10	U	RC Valid	154300	9889300
D100	Cefixime Tablet IP 200	200mg	10 x 10	S	RC Valid	25800	1165900
D400	Pentoprozole Inj.	40mg	Vial	S	RC Valid	9710	200100

D233A	Folic Acid 400mcg Tablet IP	400mcg	10 x 10	P	RC Valid	17300	444100
D192	Doxycycline Cap. IP	100 mg	10 X 10	P	RC Valid	12900	0
D463	Salbutamol Sulphate Oral Syrup IP	2 mg/5 ml	100 ml Bottle	P	RC Valid	3835	72800
D113	Chloroquine Phosphate Tab. IP	250 mg (155 mg of Chloroquine)	10 x 10	U	RC Valid	416380	13736600
D479	Sodium Chloride Inj. IP (Normal Saline)	0.9% Isotonic (equivalent to Na+ 150 mmol/l, Cl- 150 mmol/l)	500 ml FFS Bottle	P	RC Valid	18251	250600
D243	Gentamycin Inj. IP	80 mg/2 ml (IM / IV Use)	2 ml Vial	P	RC Valid	20260	303182
D157	Dexamethasone Sodium Phosphate Inj. IP- 4mg/ml	4mg/ml	2 ml Amp	P	RC Valid	8003	300000
D225	Flucanazole Tab IP	150mg	10 X 10	P	RC Valid	40000	376000
D545	Glimepiride 1mg Tab.	1mg	10 X 10	P	RC Valid	263100	2312000
D715	Permethrin 1% Lotion	1% w/v	100 ml Bottle	U	RC Valid	48600	648315
D105	Ceftriaxone Powder for injection 1gm IP.	1 gm/Vial	Vial	S	RC Valid	57413	375100
D395A	Paracetamol Inj.	150mg.	2ml amp	S	RC Valid	33690	3658
D239	Furosemide Tablet IP	40 mg	10 X 10	P	RC Valid	40400	128000
D421	Povidone Iodine Solution IP 10%	10% W/V	500ml Bottle Plastic Container	P	RC Valid	4448	18201
D221S U	Ferrous Sulphate and Folic Acid Tab.(Large Red)	-Each sugar coated Tab.containin g Dried Ferrous Sulphate IP equivalent to 100 mg Elemental Iron and Folic Acid IP - 0.5	10 X 10	U	RC Valid	12543500	0

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D556	ACT (Artesunate Combination Therapy) red color Age 9-14 years	Each Combi Blister pack Containing 3 Tabs of Artesunate	10 X 1Blister	U	RC Valid	21990	153730
D37	Amoxicillin + Clavulanic acid	Tablet 500mg + 125mg (625mg)	6 x 10	S	RC Valid	323520	127728
D526A	Methylcobalamin e 1500mcg Tablet	1500mcg	10 x 10	S	RC Valid	32600	110800
D168	Diclofenac Sodium Tab. IP	50 mg enteric coated	10 X 10	P	RC Valid	1701400	6882600
D423	Povidone Iodine Ointment USP. XXII	5% W/W	15 gm Tube	U	RC Valid	152214	983214
D347	Metronidazole Benzoate Oral Suspension IP	200 mg/ 5 ml	60 ml Bottle	P	RC Valid	35745	117473
D554	ACT (Artesunate Combination Therapy) Green Age 5-8 years	Artesunate - 300mg Divided over Three Days,	10 X 1Blister	U	RC Valid	26750	126800
D474	Silver Sulphadiazine 1% Cream IP	1% w/w	50 gms Tube	U	RC Valid	28191	86803
D31	Amoxicillin + Clavulanic acid	Suspension 125mg + 31.25mg (156mg)/5ml	30 ml bottle	S	RC Valid	6748	0

Annexure 2 is about 34 drugs which have at least 1 month of stock available in CGMSC godown, of those Purchase order has been issued for 28 drugs but are in pipeline and 2 drug with no valid rate contract.

ANNEXTURE 3: Fast moving drugs with 1 to 2 months of stock

Item Code	Item Name	Strength	Pack size	EDL	RC status	Ready for issue + QC pending drugs	Pipe line- PO issued
D198	Enalapril Maleate (Scored) 5 Tab. IP	5 mg	10 X 10	P	RC Valid	694100	1530300
D346	Metronidazole Inj IP	500mg/100ml (Sterile Isotonic Solution)	100 ml FFS Bottle	P	RC Valid	48956	78908
D106	Cetirizine 10 mg Tablet IP	10 mg	10 X 10	P	RC Valid	2660800	0
D132	Clotrimazole Cream IP	2% w/w	15 gm Tube	P	RC Valid	120032	160102
D525	Vitamin A Paediatric 100000 IU/ml Oral Solution IP (as Palmitate)	100 000 IU/ml	Multidose Dispenser 100 ml Bottle	U	RC Valid	15348	44596
D454M	RD Kit for Malaria (has 10 tests each)	Kit, quantity given here in no. of tests	10 Test Kit	U	RC Valid	1013410	3800000
D534	Water for Injection IP FFS	10 ml	10 ml Amps	P	RC Valid	139941	187091
D396	Paracetamol Syrup. IP	125mg/5ml	60 ml Bottle	U	RC Valid	1058776	3234662
D259	Hydrochlorothiazide Tab., I.P.	25mg	10 X 10	P	RC Valid	168900	184200
D114	Chloroquine Syrup I.P.	Each 5 ml contains Chloroquine Phosphate I.P. - 50mg	60 ml bottle	U	RC Valid	49877	52693
D706	Ondansetron Tablet	4mg	10 X 10	P	RC Valid	318200	0
D273	Ibuprofen oral Suspension	100mg/5ml	60 ml Bottle	P	RC Valid	29617	24275
D385	Ondansetron Oral Solution IP	2mg/5ml	30 ml Bottle	P	RC Valid	70972	69999
D170	Diclofenac Sodium Inj. IP	25mg/ml	3 ml Amp	P	RC Valid	548385	559363

Annexure 3 is about list of 14 drugs shaving stockof 1 to 2 months in CGMSC godownwhere Purchase order has been issued for 12 drugs but are in pipe line.

ANNEXTURE 4: Fast moving drugs with more than 2 months of stock

Item Code	Item Name	Strength	Pack size	EDL	RC status	Ready for issue + QC pending drugs	Pipe line- PO issued
D557	ACT (Artesunate Combination Therapy) White Age 15 years and Above.	ACT (Artesunate Combination Therapy) White colour Age 15 years and Above	10 X 1Blister	U	RC Valid	145700	300000
D558	ACT (Artesunate Combination Therapy) Yellow Age 2-4 years	Artesunate-150mg divided over three days	10 X 1Blister	U	RC Valid	39970	56250
D382	Omeprazole Cap. IP	20mg	10 X 10	P	RC Valid	4537100	3780900
D731 A	Amlodipine	5mg	10 x 10	P	RC Valid	5749800	0
D32	Amoxicillin + Clavulanic acid	Suspension 250mg + 62.5mg (312mg)/5ml	30 ml bottle	S	RC Valid	18701	0
D235	Framycetin Sulphate 1% Cream	1% W/W	30 gm Tube	U	RC Valid	33967	23238
D714	Permethrin 5% Cream	5% w/w	30 gm Tube	P	RC Valid	109357	0
D272	Ibuprofen 400 Film coated Tablet IP	400 mg	10 x 10	P	RC Valid	4020500	130100
D261	Hydrocortisone Sodium Succinate 100mg Inj. IP	100 mg base / Vial (IM / IV Use)	Vial	P	RC Valid	81942	37419
D393 R	Oxytocin Injection IP	10 IU/ml	1 ml Amp	P	RC Valid	154182	0
D744	Telmisartan Tablet 40mg	40mg	10 x 10	T	RC Valid	489500	0
D164 a	Diazepam	Injection 5 mg/ml	Ample	P	RC Valid	22189	8620
D159	Dextrose 10% isotonic Inj. IP	10%w/v	500 ml FFS Bottle	P	RC Not Valid	81302	0
D587	Clindamycin+clotrimazole Tablet	100mg 100mg	1x6 tab	P	RC Valid	68316	0
D219	Ferrous Sulphate	Tablet	10 x 10	U	RC Valid	476100	0
D354	Misoprostol 200 Tablet IP	200mcg	10 x 10	U	RC Valid	271400	103200

D36	Amoxicillin + Clavulanic acid	Tablet 250mg + 125mg (375mg)	10 x 10	S	RC Valid	245300	120000
D271	Ibuprofen	Tablet	10 X 10	P	RC Valid	1157100	0
D171	Diclofenac Gel	Diclofenac sodium 1% W/W in a gel	25 gm Tube	P	RC Valid	727825	0
D223	Ferrous sulphate and folic acid Syrup IP	equivalent to 20 mg Iron 0.1mg Folic acid per 1ml in bottle	60ml Bottle with auto dispenser	U	RC Valid	733294	2237879
D529	Vitamin K1 Injection	1mg/ml	1 ml Amp	S	RC Valid	213187	0
D161	Dextrose with sodium chloride (DNS) Inj. IP	5% w/v dextrose and 0.9% w/v Sodium chloride	500 ml FFS Bottle	P	RC Valid	306493	0
D481	Compound Sodium Lactate Inj. IP (IV Use) (Ringer lactate Solution)	Each 100ml contains: Sodium Lactate 0.32gm, Potassium Chloride 0.4gm, Sodium Chloride 0.6gm, calcium chloride 0.027gm.	500 ml FFS Bottle	U	RC Valid	515425	0
D555	ACT (Artesunate Combination Therapy) Pink Infant i.e. less than 1 year	Artesunate 75mg divided over three days Sulphadoxine Pyremethamine 250mg 12.5mg	10 X 1 Blister	U	RC Valid	69770	37500
D427	Prednisolone Tab. IP	10 mg	10 X 10	P	RC Valid	228400	0
D35	Amoxicillin + Clavulanic acid	Injection 1gm + 200mg (1.2 gm)	Vial	S	RC Valid	80149	0
D34	Amoxicillin + Clavulanic acid	Injection 500mg + 100mg (600mg)	Vial	S	RC Valid	80931	0
D387	ORS Powder IP	as per IP with flavour	Pouches 1liter	U	RC Valid	11744877	4360224
D696	Multivitamin + Multimineral Syrup		100ml	P	RC Valid	708737	30
D158	Dextrose 5% Inj. IP	5% (IV Use)	500 ml FFS Bottle	P	RC Valid	283691	0
D466	Salbutamol Sulphate MDI Inhaler (200 dose)	100mcg/dose in 200 doses	MDI Inhaler	P	RC Valid	39919	0
D33	Amoxicillin + Clavulanic acid	Injection 250mg + 50mg (300mg)	Vial	S	RC Valid	90271	0
D285	Iron Sucrose 100mg Inj.	100 mg	5 ml Amp	S	RC Valid	129684	0

D285	Iron Sucrose	Injection	5ml Amp	S	RC Valid	129684	0
D220	Ferrous Sulphate	Oral Solution	60 ml Bottle	U	RC Valid	249164	0
D321	Magnesium Sulphate Injection	500mg/ml	10 ml Amp	U	RC Valid	93802	0
D284	Iron Sucrose	Injection	2.5ml Amp	S	RC Not Valid	72279	0
D3	Acetyl salicylic acid (Aspirin) - 150 Tab. IP	150 mg Enteric Coated	10 X 10	P	RC Valid	454200	0
D541	Zinc Sulphate Dispersible Tablets IP	Each Dispersible tablet contains Zinc Sulphate monohydrate equivalent to 20 mg of elemental zinc.	10 X 10	U	RC Valid	1660050 0	266000 0
D299	Labetalol 100mg Tablet	100mg	10 x 10	S	RC Valid	130900	0
D449	Quinine sulphate 150mg/5ml Oral Solution	150mg/5ml	#N/A	P	RC Valid	14517	0
D268	Hydroxyurea Capsule	500mg	10 x 10	P	RC Valid	1398800	0
D172	Dicyclomine HCL Tab. IP 10mg	10 mg	10 X 10	P	RC Valid	6929700	0
D526	vitamin B12 cyanocobalamine	500 mcg/ml	5 ml Amp	S	RC Valid	118764	0
D465	Salbutamol Nebulizer Solution B.P.	5mg/ml	15 ml Bottle	P	RC Valid	62997	0
D104	Ceftriaxone Powder for injection 250mg IP.	250 mg	Vial	S	RC Valid	134017	0
D418	Polyvalent Anti Snake Venum (Snake Anti Serum) IP (Freeze Dried)		10 ml Vial	P	RC Valid	76395	0
D499	Tetanus Toxoid (adsorbed) Inj., IP		5 ml Vial	U	RC Not Valid	248874	21789
D333	Metformin Tab. IP	500 mg	10 X 10	P	RC Valid	2110040 0	10000
D743	Telmisartan	Tablet	10 x 10	S	RC Valid	1146000	0
D260 A	Hydrochlorothiazide	12.5mg	10 x 10	P	RC Not Valid	3551000	10300

D432	Primaquine diphosphate 7.5 Tablet IP	7.5 mg	10 x 10	U	RC Valid	1502700	120000
D448	Quinine sulphate 300mg Tablet IP	300 mg	10 X 10	P	RC Valid	312700	0
D450	Quinine dihydrochloride Inj IP	300 mg/ml.	2 ml Amp	P	RC Valid	82638	0
D432 A	Primaquine Diphosphate 15 mg Tablet IP	15 mg	10 X 10	U	RC Valid	3971100	14700
D310	Lidocaine Hydrochloride	2% w/v	30gms Tube	S	RC Valid	51167	0
D527	Vitamin D3 Granules	60000IU in 1gm	Sachet	S	RC Valid	1267207	0

Annexure 4 is about list of 57 Drugs which have stock more than 3 months in CGMSC godowns and out of those purchase order issued for 19 drugs but are in pipe line. 4 drugs have no valid rate contract