



सत्यमेव जयते



**EX-SERVICEMEN CONTRIBUTORY HEALTH SCHEME**



**STANDARD OPERATING PROCEDURE**

***CALCULATION OF MONTHLY  
MAINTENANCE FIGURE (MMF)  
IN ECHS POLYCLINICS***



**19 Feb 2019**

**SOP ON CALCULATION OF MONTHLY MAINTENANCE FIGURE (MMF)  
IN ECHS POLYCLINICS**

**INTRODUCTION**

1. Refs :-

(a) SOP on Medicine Management issued vide CO ECHS letter No B/49762/AG/ECHS/Medicine dated 05 Sep 2017.

(b) SOP on Treatment Management in ECHS issued vide CO ECHS letter No B/49770/AG/ECHS/Treatment dated 28 Sep 2018.

(c) SOP on Monthly Stock Taking of Medicines issued vide CO ECHS letter No B/49762/AG/ECHS dated 14 Jan 2019.

(d) Common Drug List (CDL) issued by O/o DGAFMS vide their letter No 19180/DGAFMS/DG-2C/CDL dated 19 Apr 2016 (**Encl 1**).

2. The medicines for ECHS beneficiaries are procured by the respective SEMOs giving cover to the Polyclinics while dental stores are procured by respective SEDOs depending on the approved MMF projected by the PCs. Hence the quantity of medicines demanded and stocked by the SEMOs directly depends on the correctness of MMF calculated by the PCs. There is a need to streamline the procedure for calculation of MMF by the ECHS PCs so that optimum level of medicines are maintained in the PCs and desired beneficiary satisfaction is achieved. Non calculation of correct MMF affects provisioning as well as user satisfaction and the same has been one of the primary reasons of clientele dissatisfaction.

**AIM**

3. To lay down the broad guidelines for calculation of MMF in ECHS Polyclinics.

**ISSUES AFFECTING CALCULATION OF MMF**

4. **Gen.** SEMOs/SEDOs procure and manage medicines for various service hosps/ establishments. In addition; they also provision, acct and issue medicines to ECHS patients in service hospitals as well as ECHS Polyclinics. SEMOs calculate avg expdr of 10 months (Jan-Oct) to calculate avg consumption as MMF, however, in ECHS; MMF will be calculated as an average of 12 months (Jan-Dec) as the variations spread over 12 months period capture the expdr pattern more objectively. A deliberate effort is needed to keep the inventory smaller, avoid expiry of medicines and attempt 100% clientele satisfaction.

5. **Factors Influencing MMF.** Some of the factors which influence calculation of MMF are as follows:-

- (a) Disease pattern.
- (b) Seasonal variations.
- (c) Monthly drug consumption.
- (d) Variation in clientele str.
- (e) Changing of drugs by Med Offrs/ Doctors of hospitals.
- (f) Regulatory Control/ Changes due to banning of certain combination medicines/ other medicines.

6. **Calculation of Inflated MMF.** Some of the reasons for inflated MMF are as follows :-

- (a) Fear of medicine not being supplied for a particular period and hence Polyclinic trying to over stock medicines by indicating higher figures despite low consumption.
- (b) Substitute medicine issued is not properly accounted for.
- (c) Some medicines of different dosage issued but not factored in the accounting e.g. 2 x Atorvastatin 10 mg is issued when Atorvastatin 20 mg is NA which is not taken into account.
- (d) Blindly taking monthly expense from the system as actual expenditure whereas medicine issued to other Polyclinics in bulk/ returned to SEMO is not taken into acct.
- (e) Medicines charged off for any other reason except when issued to patients being factored in average calculation.
- (f) Medicine segregated in between the period of calculation when taken into acct.

7. **Calculation of Reduced MMF.** Some of the reasons for calculation of reduced MMF is based on the following factors:-

- (a) Medicine exhausted in the middle of the month is taken as expenditure for that month. Medicine stock if exhausted in middle of the month will show reduced MMF on avg being taken.
- (b) NA medicine/ medicines provided as substitute/medicines of different weightage is not taken into acct correctly.
- (c) When surplus medicine (returned by patients) not taken on charge and issued to patients, hence actual expenditure is not known.

(d) When a medicine is having 'zero' balance but still being factored in average calculation.

8. **Surplus/Defi of Medicines.**

(a) Issue of alternate medicine (for eg various types of calcium tab avl) makes one type of medicine defi and other surplus. Proper docu is essential.

(b) Due to shortage of space in pharmacy, all medicines are not kept alphabetically which makes it difficult to get them from bulk store as these are at times dumped at a corner which is inaccessible. Hence correct medicines not provided to the patients though it gets deducted from the ledger balance which factors prescription based accounting. Stocking must be therefore done so as to facilitate ease of access and issued as highlighted in SOP of Monthly Stock Taking issued on 14 Jan 19.

(c) Inaccurate entries due to software issues.

**PROCEDURE FOR CALCULATION OF MMF**

9. **Method of Stocking/ Documentation of Medicines.** It has been reiterated in various documents that medicines should be stocked alphabetically but the same has neither been understood nor the advantages intended are being derived. This aspect is being reiterated :-

(a) All lists to include monthly STB, MMF, Demands, CRVs, Ledgers, Returned medicine box entries in register, CIVs etc will be also maintained alphabetically for all the entries existing in the said documents.

(b) Alphabetic sequencing will be based on alphabetic dictionary sequencing viz if all medicines with 'A' are to be listed before other alphabets, then, within medicines starting from A, sequencing will be decided by sec alphabet viz Aa... will be listed prior to Ab... Similarly, if first two alphabets are also same, the same will be decided by third alphabet and the similar sequencing will continue. Exact dictionary sequence will be followed.

(c) Stocking of medicines alphabetically will then be based on exact sequence of monthly STB list as only then intended purpose of quick checking & faster access will be ensured.

(d) If there are only five entries in a docu, the alphabetic sequencing within those entries will also be ensured viz if there are five medicines taken out from drop box on a day, these will be entered in the register on that date with alphabetical sequence and similarly for other days. This will assist in making monthly summary for preparation of CRV.

(e) If some medicine is in more than one potency, lower potency will be sequenced first viz Metformin 500mg and Metformin 1000mg tablets, Metformin 500mg will be listed prior to Metformin 1000mg.

(f) All medicines will be sequenced with 'salt name' and not as per 'brand name'.

(g) Common alphabetical sequence of entire documents will result in ease of acctg and effective checks.

10. **Essential Guidelines.**

(a) Single ledger will be maintained for accounting of all medicines and expendable consumables. Medicines should be taken on charge as highlighted in SOP on Monthly Stock Taking of Medicines issued on 14 Jan 2019. Entries should be made as explained vide Para 9 above.

(b) Only that expenditure of medicine should be factored for calculation of MMF which has been issued to patients. Charged off/ issued to SEMO/ other Polyclinics will not be treated as 'expdr' for the purpose of calculation of MMF.

(c) If there is 'zero' bal of a medicine in a particular month, it should not be included in 'average calculation'.

(d) If medicine balance reaches 'NIL' at any date in the middle of month, data of that month should not be taken for average calculation.

(e) There are certain medicines which might be used rarely/ infrequently, such medicines though shown in calculation, should not be finally included in MMF list so that inventory is not unnecessarily enlarged and wastage of these medicines is avoided. If at some stage, some patient needs these medicines, same can be provided through ALC.

(f) If some medicine has been banned by itself or in combination form, same should not be included in final MMF.

(g) Once the monthly average is calculated in the above said manner, a conf should be held at Polyclinic level to incl OIC Polyclinic, all MOs, all DOs and all Para Med & Para Dental staff to factor ground variations. Figures arrived in monthly average should be increased/ decreased by an assessed percentage viz increase of certain antidiabetic/ antihypertensive medicines due to continuously increasing occurrence or reduction in certain category viz some patients moved out from the concerned Polyclinic should be factored. Increase/ decrease percentage could be different for each medicine but must be limited between 0 to 10% of monthly average. Any higher variations should be justified with entry in 'remarks' column.

(h) Monthly average should be mod by increase/ decrease as stated to reach fresh figure after factoring increase/ decrease percentage and the same should be recorded.

(j) Once this figure is arrived at, it should be taken to closest smaller packing by increasing/ decreasing the No viz if MMF so calculated is 290 but smallest pack has 50 tablets, it should be taken to 300 for ease of procurement at SEMO/ SEDO end. However, it may not be always possible since packing comes in

different forms by different companies. Such information may not be available at Polyclinic end. In case of such variations/ inputs not available at PC end, MMF should be kept in closest multiple of '5' or be left at the value calculated.

(k) If patients require certain medicine in higher potency viz if certain No of patients want Atorvastatin 20mg tablets, these should be also demanded and included in MMF as against having Atorvastatin 10mg tablets only and issuing two x 10mg tablets in place of single 20mg tablet. While it may be medically right but lower potency tablets when compared with higher potency tablets come at approx 30 to 40% costlier.

(l) Unnecessary long lists should be avoided. A list prepared by O/o DGAFMS and issued vide their letter No 19189/DGAFMS/DG-2C/CDL dt 19 Apr 16 is encl at **Encl 1**. **SEMOs/ SEDOs should prepare such lists for their PCs from these or based on requirement of patients of their PCs.** Only those medicines should be included which are needed by patients as requirement is dynamic. No medicines should be included in the list of MMF unless it is required by the patients. Decision of SEMO and SEDO will be final.

(m) 'Generic name' of drugs should be used to prepare the MMF as against the 'branded name'. **Format could be modified subject to basic fields being included.**

(n) **Sample calculation sheet alongwith format of MMF is enclosed at Encl 2 alongwith detailed explanation.**

11. **Constitution of Board for MMF.** Stn HQ will convene an yearly board as per following composn for calculation of MMF :-

(a) **Presiding Offr.** OIC/ Offg OIC Polyclinic.

(b) **Members.**

(i) Med specialist (where avlb).

(ii) Gynecologist (where avlb).

(iii) Medical Officer (MO).

(iv) Dental Officer (DO) (where avlb).

(v) 1 x Pharmacist (Nursing Asst where Pharmacist NA).

(vi) 1 x Para Dental Staff (where DO NA).

(vii) Rep of SEMO as covered in Para 12 below.

(viii) Members can be increased/ decreased by Stn HQ in convening order based on functional constraints, however, if the above pers are avlb, these will be detailed.

12. **Vetting of MMF by SEMO.** SEMO/SEDO will be finally responsible for vetting of MMF prior to provisioning action is undertaken. This has also been highlighted at Para 8 of SOP on Medicine Mgt issued on 05 Sep 17. This vetting can be done by one of the following methods:-

(a) Co-opting MO nominated by SEMO from service hosp at the time of calculation of MMF as per Para 11 (b)(vii). If this option is exercised, the MMF will be mod by SEMO rep and the same will be fwd & copy of the same will be maint at ECHS Polyclinic.

(b) MMF calculated data by BOO at PC as per Para 11 once fwd to SEMO, the same is mod at that end. In case values are modified, the mod values will be intimated to Polyclinic also for their records.

(c) Each ECHS Polyclinic will be given a copy of approved MMF by controlling SEMO & SEDO for their records copy of which will also be maintained at ECHS Cell at Stn HQ.

13. **Schedule of Prep of MMF.**

(a) MMF will be calculated based on average of one year (12 months) to capture the variation more objectively preferably from Jan to Dec.

(b) MMF will be sent to SEMO by seventh of Jan every year for the preceding year which should be the basis for procurement for next FY viz MMF covering the period from Jan to Dec 18 should be fwd by 07 Jan 19 to SEMO for procurement of medicines for FY 19-20 (01 Apr 19 to 31 Mar 20). **Calculation done for FY 19-20 will also be revised as per this SOP and details will be forwarded to SEMO/SEDO for approval and procurement.**

(c) **In case any SEMO wants MMF data prior to 07 Jan due to addl time required for processing of documents with IFA and subsequent process, he will intimate concerned Polyclinics in writing indicating the month in which MMF is required viz if SEMO wants MMF in Nov 18 for procurement for medicines for FY 19-20 (01 Apr 19-31 Mar 20), the MMF will be sent to SEMO by 07 Nov 18 covering preceding 12 months from Nov 17 to 31 Oct 18. Format of months given at Encl 2 will be accordingly modified.**

(d) **MMF will be prepared only once a year** whereas demands will be fwd on monthly/ quarterly / emergent basis based on various functional aspects between SEMO/SEDO and PCs concerned.

### **DEMAND OF MEDICINES**

14. MMF will be calculated on yearly basis for provisioning purpose, however, demand of medicines will be forwarded factoring the existing stocks. While demand must factor the realistic need, unnecessary demands should be curtailed. Demand should not be exaggerated for overstocking to cater for contingencies when medicine is



in short supply. Demand format could be as under (however, the same could be modified as per reqmt of SEMO/SEDO till it includes these essential columns) :-

Ser No	Ledger Vol/ Page No	PVMS No/NIV	Cat	Nomenclature	MMF	Stock avlb (as per last MSTB)	Demanded Now	Supplied by SEMO	Remarks

15. NA medicines obtained through ALC in a month will be added in next demand to SEMO/SEDO so that these are available at lesser costs.

16. It will be ensured that medicines when received at pre-designated location still have minimum 5/6<sup>th</sup> of shelf life balance. Eg if a medicine/expendable store has 12 months shelf life, when it reaches SEMO/SEDO, it should be having at least 10 months balance shelf life. This should be followed for all Indian manufactured medicines. In case of imported medicines (which should be the least in No), balance shelf life of minimum 60% should be accepted. This has been allowed due to transit delays. Supply order should be explicitly stating these facts. Supply order should clearly mention that those slow moving/ non consumed medicines can be returned to the vendors minimum three months before expiry date for clean exchange. **OIC Polyclinic will ensure that this provision is utilized to ensure that there is 'zero' wastage of the medicines supplied on this count. OIC Polyclinic should intimate details of those medicines with balance shelf life of four months which cannot be consumed so that SEMOs/SEDOs can ensure clean exchange of medicines three months prior to them getting expired.**

### CONCLUSION

17. The correct calculation of MMF is the responsibility of the Polyclinics. OIC PC will be required to work out the reqmt of medicines by correctly calculating MMF and project it timely to the SEMO/SEDO. The MMF will be reviewed by SEMO/SEDO to factor in the actual expenditure and consumption pattern. Correct MMF will ensure efficient procurement by the SEMO/SEDO and achieve the optimum patient satisfaction.

File No : B/49762/AG/ECHS  
Central Organisation, ECHS  
Adjutant General's Branch  
IHQ of MoD (Army)  
Thimayya Road, Near Gopinath Circle  
Delhi Cantt - 110010

  
(DK Dubey)  
Gp Capt  
Dir (Med)  
for MD ECHS

Date : 19 Feb 2019

### Distr

AG Coord (a)  
DGDC & W Sectt

- for info pl.



O/o DGAFMS	}	-	for info and necessary instrs pl. Yearly review of list promulgated in 2016 can be issued when considered appropriate.
DGMS (Army)			
DGMS (Air)			
DGMS (Navy)			
DGDS	}	-	for passing instrs to all Stn HQs, SEMOs and SEDOs
IHQ of MoD (Navy)/Dir ECHS (N)			
DAV, Subroto Park			
HQ Southern Command (A/ECHS)			
HQ Eastern Command (A/ECHS)			
HQ Western Command (A/ECHS)			
HQ Central Command (A/ECHS)			
HQ Northern Command (A/ECHS)			
HQ South Western Command (A/ECHS)			
HQ Andaman & Nicobar Command (A/ECHS)			
AMA ECHS, Embassy of India, Nepal			
DIAV			

- All Regional Centres -
1. PI ensure that a Physical copy of this docu is maintained at all ECHS PCs and all ranks are aware of the details.
  2. Its implementation be checked by all visiting offirs.

**Internal**

- All Secs -
1. For info. Please maint a physical copy of this docu.
  2. S & A Sec to upload on ECHS website.

Tele : 23093481

By Hand/ Fax

Office of DGAFMS/ DG-2C  
Ministry of Defence  
Room No-48, 'M' Block  
New Delhi- 110001

19189//DGAFMS/DG-2C/CDL

19 Apr 2016

DGMS (Army)

DGMS (Navy)

DGMS (Air)

MD (ECHS)



**COMMON DRUG LIST - 2016**

1. References:-

- (a) Letter No 19189/DGAFMS/DG-2C/ CDL(Policy) dated 16 Oct 2012.
- (b) Letter No 20069/DGAFMS/DG-2C/ECHS EDL dated 05 May 2015.
- (c) Letter No 19189/ DGAFMS/DG-2C/CDL-2016 dated 18 Mar 2016.
- (d) Note No 43645/DGAFMS/DG-1C dated 18 Mar 2016.
- (e) Letter No 19189/ DGAFMS/DG-2C/CDL-2016 dated 12 Apr 2016.

2. Two separate lists of drugs for CDL and EDL for ECHS were issued vide this Dte Gen letter under reference. As per feedback received from various stake holders, it was perceived that the CDL and EDL for ECHS have not achieved the desired clientele satisfaction.

3. In view of the above, a Board of Officers (BOO) was detailed by this Dte Gen to review the CDL and EDL. After taking into the consideration inputs from AFMS procuring agencies, World Health Organisation (WHO): Essential Medical Lists (EML), National Lists of Essential Medicines (NLEM) and CDL/ EDL of the other Govt Org, one Common Drug List (CDL) has been formulated by the BOO which has been duly approved by the Competent Authority. (List att as Appx 'A'). The **Common Drug List (CDL) - 2016 constitutes 474 Drugs and Consumables**. 145 new drugs have been added and 42 drugs have been deleted.

4. The items in the newly formulated CDL are to be provided to all users units with maximum compliance by the respective DDOs/ Depots to ensure maximum clientele satisfaction among both Serving and ECHS clientele. This office will conclude **Rate Contracts (RC)** for all the newly included items subject to their annual drawl being more than Rs 20 lakhs. The same will be intimated subsequently.

5. The remaining Drugs and Consumables in PVMS and NIV for both ECHS and Serving Personnel not included in CDL will be procured locally by the respective Medical/ Dental/ ECHS CFAs within their delegated financial powers. All CFAs should make an all out effort for conclusion of Price Agreement for the above mentioned drugs and consumables required on recurring basis as per DPM-2009 and its Supplement 2010.

6. In addition, AFMSD Mumbai, Lucknow and Delhi will continue to procure all Drugs & Consumables required for International Aid, Disaster Bricks and any other exceptional contingencies as hitherto fore.



7. This letter supersedes this Dte Gen letter No 19189/DGAFMS/DG-2C dated 16 Oct 2012 (CDL) and Letter No 20089/DGAFMS/DG-2C/ECHS EDL 05 May 2015 (EDL).

8. This has the approval of DGAFMS.

  
(SD Mulgund)  
Brig  
DDG AFMS (Stdn)

Encls : As above

Copy to/-

(All DDOs)

COMMON DRUG LIST - 2016

Appx 'A'  
 (Refer O/o DGAFMS/DG-2C letetr No  
 19189/DGAFMS/DG-2C/CPL dated 19 Apr 2016)

S No	PVMS No	Nomenclature	A/U
1	011761	Acarbose 25 mg Tab	No
2	11028	Acenocoumarol 4mg Tab	No
3	011502	Acetazolamide 0.25g Tab	Vial
4	013284	Acyclovir 250 mg Inj	No
5	013280	Acyclovir 200 mg Tab	Bott
6	012001	Acyclovir ophth oint 3% w/v (175mg) bott of 30 optcaps	Bott
7	013285	Acyclovir Syp 400 mg/5ml	Amp/Vial
8	011121	Adenosine 3 mg/ml, 2 ml Inj	Amp/Vial
9	010301	Adrenaline Tartrate (1:1000), 1 ml Inj	No
10	010601	Albendazole 400 mg Tab	Bott
11	010602	Albendazole Syp each 5 ml containing 200 mg bott of 10 ml Syp	No
12	011792	Alendronate Sodium 70mg Tab	No
13	011955	Alfacalcidol Vit D3 0.25mcg Cap	No
14	010289	Allopurinol 100 mg Tab	No
15	012301	Alprazolam 0.25 mg Tab	No
16	010885	All-trans-retinoic acid 10mg Cap	No
17	010910	Amantadine 100mg Cap	Amp/Vial/Vial
18	013222	Amikacin sulphate 250mg/2 ml Inj	Amp/Vial/Vial
19	011126	Amiodarone HCl 150 mg, 3 ml Inj	No
20	011127	Amiodarone HCl 200 mg Tab	No
21	NIV/01	Amitriptyline Tab 25 mg	No
22	011176	Amlodipine Besylate 5 mg Tab	Amp/Vial/Vial
23	013206	Amoxicillin 1g + Clavulanic Acid 200mg, 1.2 gm Inj	Bott
24	013204	Amoxicillin 200mg/5ml + Clavulanic Acid 28.5mg/5ml syp in 30 ml bott	Bott
25	013205	Amoxicillin 250mg + Clavulanic Acid 50mg 300 mg Inj	Amp/Vial/Vial
26	013202	Amoxicillin 500mg +Clavulanic Acid 125mg Tab	No
27	013209	Amoxicillin for oral susp containing Amoxicillin base 125mg per 5 ml after reconstitution (bottle of 30 ml)	Bott
28	010654	Amphotericin lipid complex 50mg Inj	Amp/Vial
29	010652	Amphotericin-B 50 mg Inj	Amp/Vial
30	010879	Anastrozole 1mg Tab	No



## Appx 'A'

(Refer O/o DGAFMS/DG-2C letetr No

19189/DGAFMS/DG-2C/CDL dated 19 Apr 2018

S No	PVMS No	Nomenclature	A/U
31	011630	Antacid (chewable) containing dried Aluminium Hydroxide IP 250mg Mag Hydroxide NF 250mg Methyl Polysiloxane 50mg Tab	No
32	011632	Antacid Gel each 5ml containing dried Aluminium Hydroxide gel IP 250mg, Magnesium hydroxide NF 250mg and Methyl Polysiloxane 50mg Bottle of 170 ml	Bott
33	011653	Anti haemorrhoidal Ointment containing Betamethasone 0.05% Phenylephrine 0.1% & lignocaine 2.5% tube of 15 gm with applicator	Tube
34	012630	Anti phlebitis cream Tube of 15g/ 20g	Tube
35	020001	Anti Venom, Serum polyvalent, Dry Vial of 10ml	Vial
36	011247	Anticarious Fluoride Rinse Mouth wash with sodium fluoride acidulated phosphate bott of 300-500 ml	Bott
37	011246	Antiseptic mouth wash containing Sodium fluoride & triclosan bott of 100-150ml	Bott
38	011665	Antispasmodic cap containing Dicyclomine HCL 10mg, Dextropropoxyphen HCl 65mg Acetaminophen IP 400mg	No
39	013225	Artemether 80 mg + Lumefantrine 480 mg Tablet	No
40	010678	Artemether 80mg/ml, 1 ml inj	Amp/Vial/Vial
41	NIV/01	Artesunate (A) + Sulphadoxine - Pyrimethamine (B) Combi pack (B) 1 Tab 25 mg (A) + 1 Tab (250 mg + 12.5 mg)	Pack
42	010676	Artesunate 50mg Tab	No
43	010675	Artesunate 60mg Inj	Amp/Vial/Vial
44	012701	Ascorbic Acid 100 mg Tab	No
45	010253	Aspirin (Soluble) 350 mg Tab	No
46	011174	Aspirin 150 mg Tab	No
47	011164	Asprin 75 mg Tab	No
48	011142	Atenolol 25 mg Tab	No
49	11132	Atorvastatin 10mg Tab	No
50	011100	Atorvastatin 20 mg Tab	No
51	011802	Atracurium 10 mg/ml, 2.5 ml inj	Amp/Vial
52	010131	Atropine Sulphate 0.6 mg, 1 ml Inj	Amp/Vial
53	010701	Azathioprine Tab 50 mg	No
54	012104	Azelastine HCL 140 mcg + Fluticasone Propionate 50 mcg BP, Nasal spray	No
55	012810	Azelastine Hcl 140 mcg and Fluticasone furoate 27.5 mcg per dose (Nasal Spray)	Bott
56	013223	Azithromycin Dihydrate 250 mg Tab/Cap	No
57	012455	Beclomethasone Dipropionate 50 mcg and Levosalbutamol 50 mcg per metered dose in CFC free MDI	No



## Appx 'A'

(Refer O/o DGAFMS/DG-2C letetr No  
19189/DGAFMS/DG-2C/CDL dated 19 Apr 2016

S No	PVMS No	Nomenclature	A/U
58	013212	Benzathine penicillin 6,00,00 unit Inj	Amp/Vial
59	011306	Benzoyl Peroxide 2.5% Tube of 20 gms Tube	Tube
60	012111	Betahistine Dihydro Chloride 8mg Tab	No
61	0 11397	Betamethasone dipropionate 0.025 % w/w, neomycin 0.5 % w/w, clotrimazole 1 % w/w Cream Tube of 20g	No
62	011311	Betamethasone Dipropionate USP 0.05mg and Gentamycin Sulphate 1mg/gm Tube of 5gm	Tube
63	011309	Betamethasone Cream containing Betamethasone Valerate 0.12% with Salicylic Acid 3.0% Cream tube of 20 gm	Tube
64	010870	Bicalutamide 50 mg Tab	No
65	012066	Bimatoprost 0.03% bott of 3ml	Bott
66	011678	Bisacodyl 5 mg Tab	No
67	0 10530	Botulinum Toxin 100 u, 1 ml Inj	Amp/Vial
68	012020	Brimonidine Tartrate 0.2%, Eye drops	No
69	012487	Bromhexine syp 5 ml containing 4 mg of Bromhexine Hcl bottle of 100ml	Bott
70	010911	Bromocriptine 2.5 mg Tab	No
71	012814	Budesonide 0.5 mg Respules	No
72	010116	Bupivacaine HCl 5 mg/ml heavy 4 ml Inj	Amp/Vial
73	010115	Bupivacaine HCl 5 mg/ml, 20 ml Inj	Vial
74	010800	Busulfan 2mg Tab	No
75	011314	Calamine Powder	Kg
76	011963	Calcium acetate 500 mg Tab	No
77	012708	Calcium Carbonate 500mg Tab (elemental) and Vit-D-3-200iu to 250iu Tab	No
78	012712	Calcium gluconate 10%, 10 ml Inj	Amp/Vial
79	010806	Capacitabine 500mg Tab	No
80	270545A	Peritoneal Dialysis solution IP (1.5% for CAPD: 2 ltr Bag) with Minicap	Ltr
81	270545B	CAPD Fluid 2.5 % 5 ltr bag	Ltr
82	010631	Capreomycin 0.75 gm Inj	Amp/Vial
83	012918	Capsaicin Gel Tube of 20gm	Tube
84	010538	Carbamazepine 200mg Tab	No
85	010540	Carbamazepine sys 100mg/5ml bottle of 100ml	No
86	011788	Carbimazole-5 mg Tab	No

Appx 'A'  
 [Refer O/o DGAFMS/DG-2C letetr No  
 19189/DGAFMS/DG-2C/CDL dated 15 Apr 2016

S No	PVMS No	Nomenclature	A/U
88	010665	Caspofungin, 50 mg /10 ml, Inj in 10 ml vial	Vial
89	011240	Cavity liner Calcium Hydroxide based self curing, Radiopaque two paste system Tubes of not less than 10 gms	Set
90	013243	Cefixime 100mg tab	No
91	012206	Cefixime Syp 50mg/5ml bott of 30 ml	Bott
92	013226	Cefotaxime Sodium 1gm Inj	Amp/Vial
93	013229	Ceftazidime 1gm Inj	Amp/Vial
94	013230	Ceftriaxone 1gm Inj	Amp/Vial
95	011316	Cetrimide powder	Kg
96	012210	Cetirizine Syp 5mg/5ml bott of 60 ml	Bott
97	010302	Cetirizine-dihydrochloride 10mg Tab	No
98	010807	Chlorambucil 2.0mg Tab	No
99	011253	Chlorhexidine mouth wash 0.12% sugar and alcohol free bottle of 450-500 ml in amber coloured bottle	Box
100	010681	Chloroquine Phosphate 250mg Tab	No
101	010680	Chloroquine Phosphate Syp (containing 50mg base per 5ml) bottle of 60 ml	Bott
102	011465	Chloroxylenol sol pot Hydroxide 13.6g, Chloroxylenol solution 50.5g Oleic Acid-7.5ml Castor Oil-63.0g Terpineol-100ml Ethanol (96%)-200ml Purified water Freshly boiled & cooled to produce 1000ml	Ltr
103	012115	Cinnarizine 25 mg Tab	No
104	012005	Ciprofloxacin 0.3% eye drops of 3mg/ml bott of 5 ml	Bott
105	013236	Ciprofloxacin 200 mg/100ml Inj	Amp/Vial
106	013237	Ciprofloxacin 250 mg Tab	No
107	012009	Ciprofloxacin HCL 0.3% + Dexamethasone 0.1 % bott of 5ml	Bott
108	013241	Clarithromycin 250 mg Tab	No
109	011318	Clindamycin phosphate 1% topical gel tube of 10 gm	Tube
110	010541	Clobazam 5 mg Tab	No
111	011320	Clobetasol Propionate Cream 0.05% in Tube of 10gm	Tube
112	010622	Clofazimine 100mg Cap	No
113	011723	Clomiphene Citrate 50 mg Tab	No
114	010542	Clonazepam 2mg Tab	No
115	011180	Clonidine 100mcg Tab	No
116	011168	Clopidogrel 75 mg Tab	No
117	012122	Clotrimazole 1% w/v IP+ Lignocaine 2% w/v IP ear drop bott of 10ml	Bott
118	010656	Clotrimazole mouth paint 1% bottle of 15 ml	Bott



Appx 'A'

(Refer O/o DGAFMS/DG-2C letetr No

19189/DGAFMS/DG-2C/CDL dated 19 Apr 2016

S No	PVMS No	Nomenclature	A/U
119	011323	Clotrimazole Pulv 1% Bott of 75gm	Bott
120	011739	Clotrimazole Vaginal Pessary 100mg	No
121	011250	Clove Oil bottle of 50ml	Bott
122	012314	Clozapine 100 mg Tab	No
123	011324	Coaltar Topical solution bottle of 1000 ml	Ltr
124	011272	Collagen with hydroxyapatite and chlorhexidine pack of 1 gm	Pack
125	011259	Collagen with medicaments, pack of 1 gm	No
126	010255	Common Cold Tab (Cetirizine 5-10 mg + Paracetamol 500 mg + Pseudoephedrine 30-60 mg)	No
127	012489A	Cough expectorant syp 5 ml containing Diphenhydramine Hcl 14.08mg ammonium chloride 0.138 gm, Sodium citrate 57.03mg, menthol 1.14 mg in flavoured syp base bott of 100ml	Ltr
128	012491	Cough sedative syp each 5 ml containing chlorpheniramine maleate 2.5mg guaifenesin 100mg noscapine 15mg Sodium citrate 60mg in flavoured base bott of 100 ml	Ltr
129	NIV/01	Cremaffin white each 15ml containing milk of magnesia 11.25ml, liq Paraffin 3.75ml bottle of 170 ml	Bott
130	012008	Cyclopentolate HCl 1% Ophth soln bottle of 5Ml	Bott
131	010812	Cyclophosphamide 50 mg Tab	No
132	010705	Cyclosporine A micro emulsion 25mg cap	No
133	010824	Dapsone 50mg Tab	No
134	011251	Desensitising paste (Stannous Fluoride / Potassium Nitrate/Sodium monofluoro-phosphate) Tube of 40-55 ml or gm	Tube
135	011007	Desferrioxamine 500 mg Inj	Vial
136	010308	Dexamethasone 0.5mg Tab	No
137	010310	Dexamethasone Sodium Phosphate 4.4mg (Equivalent to Dexamethasone Phosphate 4mg/ml) 2ml Inj	Amp/vial
138	270151	Dextran 40, 10% v/v in 0.9% Sodium chloride solution bott of 500ml	Bott
139	012506	Dextrose 50%, 25 ml Inj	Amp/Vial
140	012507	Dextrose Inj 25%, 25 ml Inj	Amp/Vial
141	010544	Diazepam 10 mg, 2 ml Inj	Amp/Vial
142	010547	Diazepam 5 mg Tab	No
143	010258	Diclofenac 25 mg/ml IP, 3ml Inj	Amp/Vial
144	012920	Diclofenac gel 1% Tube of 30 gm	Tube
145	010257	Diclofenac Sodium 50 mg, enteric coated Tab	No
146	011660	Dicyclomine HCl 20mg Inj	Amp/Vial
147	011727	Dienoestrol 0.01% vaginal Cream Tube of 50 g	Tube

Appx 'A'  
 (Refer O/o DGAFMS/DG-2C letetr No  
 19189/DGAFMS/DG-2C/CDL dated 19 Apr)

S No	PVMS No	Nomenclature	A.
148	010611	Diethylcarbamezine 50mg Tab	No
149	011155	Digoxin 0.25 mg Tab	No
150	012216	Digoxin Syp/Elixir 0.05mg per ml in 30 ml packages	Bott
151	011105	Diltiazem (Controlled Delivery) 90mg Tab	No
152	011732	Dinoprostone Gel 0.5 mg (In 3gm/2.5ml gel)/ syringes	No
153	011162	Dobutamine HCl 250 mg, 5 ml Inj	Amp/Vial
154	011645	Domperidone 10 mg Tab	No
155	012215	Domperidone Syp 1mg/ml bott of 30 ml	Bott
156	010545	Donepezil 5mg Tab	No
157	011161	Dopamine HCl 40 mg/ml, 5ml Inj	Amp/Vial
158	013244	Doxycycline cap 100mg	No
159	011724	Doxylamine Succinate 10mg USP + Pyridoxine Hydrochloride 10mg IP Tab	No
160	011248	Gel for root canal preparation containing water soluble lubricant 15-17% EDTA, Tube of 3.0-5.0 gm	PFS
161	011193	Enalapril 5 mg Tab	No
162	011673	Enema Sodium phoshate ml 6% sod Acid phoshate 16% pack of 100ml	No
163	011170	Enoxaparin 40 mg/0.4ml Inj	PFS
164	011171	Enoxaparin 60 mg/0.6ml Inj	PFS
165	011627	Entecavir Tab 0.5mg	No
166	011010	Erythropoietin 10,000IU Inj	Vial/PFS
167	011009	Erythropoietin Human Recombinant, 2000 IU	PFS
168	012318	Escitalopran 10 mg Tab	No
169	011130	Esmolol 100 mg, 10 ml Inj	Amp/Vial
170	010638	Ethambutol 200mg Tab	No
171	012818	Ethambutol 800mg Tab	No
172	010105	Ether Solvent	Ltr
173	012820	Ethionamide Tab250 mg	No
174	012469	Etophylline 115mg and Theophylline 35 mg in slow release form Tab	No
175	010820	Etoposide 50mg cap	No
176	012951	Etoricoxib 90mg Tab	No
177	011984	Everolimus 0.75 mg Tab	No
178	011039	Factor IX 600 unit Inj	Amp/Vial
179	011021	Factor VIII Inj 250 iu	Amp/Vial



Annex 'A'  
 (Refer O/o DGAFMS/DG-2C letetr No  
 19189/DGAFMS/DG-2C/CDL dated 19 Apr 2016)

S No	PVMS No	Nomenclature	A/U
180	011106	Fenofibrate 200 mg Tab	No
181	010742	Fentanyl 25mcg Transdermal	Patch
182	0 11004	Ferric hydroxide sucrose complex 20 mg In 5mL for Injection	Amp/Vial
183	011012	Tab Dasatinib 50 mg	No
184	010305	Suspension Fexofenadine 30mg/5ml 60 ml bottle	Bott
185	012694	Finasteride 5 mg Tab	No
186	012012	Fluconazole 0.3% w/v bott of 5 ml	Bott
187	010660	Fluconazole 150 mg Cap/Tab	No
188	010658	Fluconazole 50 mg cap/tab	No
189	012319	Fluoxetine HCL 20 mg cap	No
190	012013	Flurbiprofen sodium ophthalmic sol 0.3% vial of 5ml	Amp/Vial
191	012630	Fluticasone propionate inhaler for paed use 50mcg/Dose, 120 metered doses	No
192	011014	Folic Acid 5 mg Tab	No
193	012835	Formeterol 6 mcg and Budesonide 400 mcg CFC free MDI, 120 metered doses	No
194	011332	Framycetin sulphate Cream BP 1% Cream 100 gms	Tube
195	012661	Framycetin sulphate gauze Box of 10	Box
196	011508	Fruzemide 20 mg, 2 ml Inj	Amp/Vial
197	011507	Fruzemide 40 mg Tab	No
198	010548	Gabapentin 300 mg Cap	No
199	011336	Gamma Benzene Hexachloride 1% w/v Cetrimide 0.1% w/v in alcoholic solution	Ltr
200	011954	Gancyclovir 250mg Tab	No
201	010833	Gefitinib Tab 250 mg	No
202	013248	Gentamycin sulphate Inj IM/IV 40mg/ml, 2 ml Inj	Amp/Vial
203	011762	Glimepiride 1mg Tab	No
204	011763	Glimepiride 2 mg Tab	No
205	012925	Glucosamine 250mg + Chondroitin Sulphate 200mg Cap	No
206	270313	Glucose saline isotonic solution self collapsible bags dextrose 5% with 0.9% Sod chloride	Bott
207	270302	Glucose solution 5% in non-toxic disposable plastic bott of 500ml FFS or equivalent technology	Bott
208	011470	Gluteraldehyde 2% with OPA with checking strips	Ltr
209	011674	Glycerine Suppositories child size (2g Mould)	No
210	011806	Glycopyrrolate 0.2 mg/ml, 1ml Inj	Amp/Vial
211	010875	Goserelin 3.6 mg Prefilled Syringe	PFS



Appx 'A'  
 (Refer O/o DGAFMS/DG-2C letetr No  
 19189/DGAFMS/DG-2C/CDL dated 19 Apr 2015)

S No	PVMS No	Nomenclature	A/U
12	011715	Gosedin 10.8 mg Inj	Amp/Vial
13	010857	Granulocyte Colony Stimulating Factor 300mcg inj	PFS/Vial
14	012660	Haemostatic sponge gelatin 80 mm long, 50mm broad 10 mm thick	Piece
15	012324	Haloperidol 5mg/ml Inj	Amp/Vial
16	011017	Heamatinic Tab/Cap containing (a) Ferrous fumarate 200 mg to 350m mg (b) Vit B12 2mcg to 10 mcg (c) Folic Acid 500 mcg to 1500 mcg	No
17	011025	Heparin 5000 IU/ml Inj	Amp/Vial
18	012017	Homatropine Hydrochloride, Sol 2%	Bott
19	011611	Human Albumin 20% in bott of 100ml	Bott
20	011793	Human Chorionic Gonadotrophin 2000 IU Inj	Amp/Vial
21	011767	Human Insulin Analogue long acting basal Inj 100ml IU/ml (Recombinant DNA origin) 300 IU Disposable Pen with 5 needles per pen	Pen
22	011766	Human Insulin Analogue Rapid acting inj, 100 IU / ml (Recombinant DNA origin) 300 IU Disposable Pen with 5 needles per pen	Pen
23	011181	Hydrochlorothiazide 25mg	No
24	011658	Hydrocortisone Enema 10% w/v	Can
25	010314	Hydrocortisone Sodium Succinate 100 mg Inj	Amp/Vial
26	011472	Hydrogen peroxide solution with stabilizer IP (20 volume) 500 ml Bott	Ltr
27	011338	Hydroquinone 2% Tube of 50 gm	Tube
28	012515	Hydroxy Ethyl starch 6% soln bott of 500 ml	Bott
29	012926	Hydroxychloroquin 200mg Tab	No
30	010826	Hydroxyurea 500mg Cap	No
31	011689	Hyoscine Bromide Inj 20 mg/ml, 1ml Inj	Amp/Vial
32	010259	Ibuprofen 200mg Tab	No
33	010261	Ibuprofen Syrup 100 mg/5ml Bott of 50 ml	No
34	010834	Imatinib Mesylate 100mg Cap	No
35	010863	Imatinib Mesylate 400 mg Cap	No
36	011184	Indapamide SR 1.5 mg Tab	No
37	010845	Infliximab 100mg Inj	Amp/vial
38	011774	Insulin Highly Purified human natural 40IU/ml, 10 ml Inj	Amp/Vial
39	011772	Inj Human Insulin Analogue Aspart Premix 30% insulin / 70% Insulin protamine aspart suspension 100 IU/ml (Monocomponent Insulin recombinant DNA origin) 3ml PFS/PFP	PFS/PFP
40	011718	Inj Human Insulin Analogue Premix 25% Insulin lispro / 75% Insulin lispro Protamine suspension 100 IU/ml (Monocomponent Insulin, recombinant DNA origin) 3 ml PFS / PFP	PFS/PFP

## Appx 'A'

(Refer O/o DEAFMS/DG-2C letetr No  
19189/DGAFMS/DG-2C/CDL dated 19 Apr 2018)

No	PVMS No	Nomenclature	A/U
241	011764	Insulin Premixed biphasic 40 iu per ml (30% human neutral plus 70% human isophane insulin), 10 ml Inj	Amp/vial
242	012470	Ipratropium Bromide Respirator soln 500 mcg/2 ml respule	No
243	012714	Iron Syp Paediatric each 5 ml containing minimum 25 mg Elemental Iron, Folic Acid- minimum-0.5 mg and Vit B12- minimum-5 mcg with or without multivitamins in a bott of 100ml	Bott
244	011676	Isapgol/Ispaghula husk 3.5 gm	Sachet
245	010108	Isoflurane Bottle of 100 ml	Bott
246	010640	Isoniazid 100mg with Pyridoxine 5mg Tab	No
247	010641	Isoniazid 300 mg Tab	No
248	012222	Isoniazid syp 100mg/5ml 120ml bott	Bott
249	011108	Isosorbide Dinitrate 10 mg Tab	No
250	011109	Isosorbide-5 Mononitrate 20 mg Tab	No
251	011743	Isoxsuprine 10mg Tab	No
252	011744	Isoxsuprine HCl 5mg/ml amp of 2 ml	Amp/Vial
253	NIV/01	Itopride 50mg Tab	No
254	010666	Itraconazole 100mg Cap	No
255	010604	Ivermectin Tab 6mg	No
256	010109	Ketamine HCl 50 mg/ml, 2 ml inj	Amp/vial
257	011340	Ketoconazole lotion 2% bott of 75 ml	Bott
258	012019	Ketorolac Tromethamine 0.4%, Eye drops	Bott
259	011146	Labetalol HCl 100 mg Tab	No
260	011680	Lactulose syp each 5ml containing 3.325g bott of 100 ml	Bott
261	010563	Lamotrigine 25mg Tab	No
262	012022	Latanoprost 0.005% with 0.5% Timolol eye drop bott of 2.5ml	Bott
263	012946	Leflunomide 10mg tab	No
264	010876	Letrozole 2.5mg Tab	No
265	010534	Levetiracetam 100 mg/ml, Syr/Soln/Liquid	Bottle
266	010303	Levo cetirizine 5mg Tab	No
267	010917	Levodopa 250 mg with Carbidopa 25 mg-Tab	No
268	013252	Levofloxacin 500 mg Tab	No
269	011746	Levonorgestrel 0.25 mg + Ethinylestradiol 0.05mg (pack of 21 Tab)	Pkt
270	012864	Levo-Salbutamol 1.25mg + Ipratropium 500 mcg in 2.5 ml Respule	No



## Appx 'A'

(Refer O/o DGAFMS/DG-2C letetr No  
19189/DGAFMS/DG-2C/CDL dated 19 Apr 2015)

S No	PVMS No	Nomenclature	AJU
271	012862	Levo-Salbutamol 50 mcg + Ipratropium 20 mcg metered dose inhaler, 200 dose units	No
272	012475	Levo-Salbutamol aerosol inhalation pack of 200 metered dose (each metered dose supplies 50 mcg of Levo-Salbutamol)	No
273	0 12246	Levo-Salbutamol syrup 1 mg/5ml bottle of 100 ml	Bott
274	010128	Lignocaine 100 mg & Ethanol 28 mg/ml v/v spray container of 500/800 ml	No
275	010121	Lignocaine HCl 2% with Adrenaline(1:80000) 30 ml Inj	Amp/vial
276	010119	Lignocaine HCl 2%(without Adrenaline) 30 ml Inj (suitable for ophthalmic use also)	Amp/vial
277	010129	Lignocaine HCl Jelly 2% Tube of 30 gm with plastic nozzle	Tube
278	012026	Lignocaine Hydrochloride 4% topical solution bott of 30 ml	Bott
279	NIV/01	Linagliptin 5mg Tab	No
280	012606	Linezolid 600 mg Tab	No
281	011330	Liquor Formaldehyde 40% w/v	Ltr
282	010805	Lomustine 40mg Cap	No
283	010543	Lorazepam 2mg/ml, 2 ml Inj	Amp/Vial
284	011186	Losartan 25 mg Tab	No
285	011671	Maboverine HCl (135mg) Tab	No
286	011758	Magnesium sulphate 50% w/v Inj	Amp/Vial
287	011513	Mannitol 20% Inj bottle of 350 ml Inj	Bott
288	V013090	Mecobalamin with B-Complex, Vial of 30 ml, Inj	Amp/Vial
289	011749	Medroxy progesterone 10 mg Tab	No
290	010682	Mefloquine 250mg Tab	No
291	010837	Melphalan Tab 5 mg	No
292	010839	Mercaptopurine 50mg Tab	No
293	012608	Meropenem 1 gm Inj	Amp/Vial
294	011784	Metformin 0.5g Tab	No
295	011708	Tab Metformin SR 1 g	No
296	011707	Tab Metformin SR 0.5gm	No
297	010843	Methotrexate 2.5mg Tab	No
298	012029	Methyl Cellulose 2% solution bottle of 5 ml	Bott
299	012634	Methyl Prednisolone Sodium Acetate 80 mg Inj	Amp/Vial
300	010721	Methyl Prednisolone Sodium Succinate 1000mg Inj	Amp/Vial
301	011194	Metyldopa Tab 250mg	No

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Appx 'A'

(Refer O/o DGAFMS/DG-2C letter No. 19189/DGAFMS/DG-2C/C.D.L. dated 19 Apr 2016)

S No	PVMS No	Nomenclature	A/U
302	011750	Methyleergometrine maleate 0.2mg, 1 ml Inj	Amp/Vial
303	011177	Metoprolol - Extended release 50mg	Tab
304	010673	Metronidazole 400 mg, Tab	No
305	013253	Metronidazole Inj for IV use containing 500mg per bott of 100 ml	Bott
306	012228	Metronidazole susp 200 mg/5ml bott of 60 ml	Bott
307	010135	Midazolam 5 mg, 1 ml Inj	Amp/Vial
308	011728	Mifepristone 200 mg Tab	No
309	011347	Minoxidil 5% lotion bott of 60ml	Bott
310	011703	Misoprostol 25 mcg, Tab	No
311	011345	Mometasone 0.1% Tube of 10 gm	Tube
312	012846	Monteleukast 5 mg Tab	No
313	010284	Morphine 15 mg, 1 ml Inj	Amp/Vial
314	012721	Multivitamin drops with constituents having Vit A-1400-1600 IU/ml, Vit B1-0.3-0.6 mg/ml, Vit B2-0.3-0.8 mg/ml, B6-0.2-0.6 mg/ml, Vit C-20-30 mg/ml, Vit D-200-400 IU/ml in Bottle of 15ml	Bott
315	011346	Mupirocin 2% Oint Tube of 5 gm	Tube
316	010725	Mycophenolate mofetil 500mg Tab	No
317	012232	Nalidixic acid 300mg/5ml bottle of 30 ml susp	Bott
318	010273	Naproxen 250mg Tab	No
319	012135	Nasal Decongestant adult drops (Xylometazoline HCL 0.1% w/v nasal drop) bottle of 10 ml	Bott
320	011731	Natural Micronised Progesterone 100 mg Tab	No
321	011826	Neostigmine 0.5 mg, 1 ml Inj	Amp/Vial
322	011113	Nicorandil 10 mg Tab	No
323	010319	Nor adrenaline Bitartrate 2 mg/ml, 2 ml Inj	Amp/Vial
324	011752	Nor-Ethisterone 5mg Tab	No
325	012235	Norflox Syp 100mg/5ml bott of 30 ml	Bott
326	013255	Norfloxacin 400mg Tab	No
327	011753	Obstetric antiseptic cream containing Dichloroxylenol 1% Terpineol 1% Phenol 0.25% in lubricant base	Kg
328	011754	Oestrogen Conjugated 0.625mg Tab	No
329	012360	Olanzapine 10 mg Tab	No
330	010872	Ondansetron 8 mg Tab	No
331	010871	Ondansetron 8mg Inj	Amp/Vial
332	012238	Ondansetron Syp 2 mg/5ml in bott of 30 ml	Bott



Appx 'A'

(Refer O/o DGAFMS/DG-2C letetr No

19189/DGAFMS/DG-2C/CDL dated 19 Apr 20

S No	PVMS No	Nomenclature	A/U
333	011688	Oral Rehydration powder sachet of 20.5 g each containing Sodium chloride IP 2.6 g Anhydrous Dextrose IP 13.5 g, Potassium chloride IP 1.5 g & Sodium citrate IP 2.9 gm to make the mixture	Sachet
334	011692	Ornidazole 500mg + Ofloxacin 200mg Tab	No
335	010536	Oxcarbazepine 150mg Tab	No
336	011756	Oxytocin 5 units per 1.0ml amp Inj	Amp/Vial
337	011689	Pancreatin Microspheres 150mg Cap	No
338	011830	Pancuronium bromide 2 mg/ml, 2 ml Inj	Amp/Vial
339	011638	Pantoprazole 40mg Inj	Amp/Vial
340	011637	Pantoprazole 40mg Tab	No
341	NIV/01	Para dichlorobenzene 2% w/v Benzocaine 2.7% w/v Chlorbutol 5%, Turpentine oil 15% w/v bott of 10 ml	Bott
342	010278	Paracetamol 325mg and Ibuprofen 400mg Tab	No
343	010275	Paracetamol-500mg Tab	No
344	010277	Paracetamol Syz 125 mg/5 ml bott of 60 ml	Ltr
345	011358	Paraffin Soft yellow Jar of 4 Kg	Kg
346	011682	Paraffin Liq in bottle of 100 ml	Ltr
347	011606	Pegylated Interferon ALFA 2B 80-160 mcg Inj	PFS
348	011195	Perindopril 4mg Tab	No
349	011273	Periodontal Pack (non eugenol) two paste system of base & catalyst 80 gm each	Pack
350	270552	Peritoneal Dialysis Catheter set adult i) Stainless steel trocar 25cm long with PVC guide and suitable holder for easy operation. ii) Multi hole open ended Catheter.	Set
351	011350	Permethrin 5% Tube of 30 gm	Tube
352	010287	Pethidine 50 mg, 1 ml Inj	Amp/Vial
353	010320	Pheniramine Maleate 25 mg Tab	No
354	010318	Pheniramine Maleate Inj 22.75 mg per ml amp of 2 ml	Amp/Vial
355	012036	Phenylephrine HCl 10% with Chlorbutol 0.5% eye drops	Vial
356	010553	Phenytoin oral suspension containing Phenytoin 100mg/4ml bottle of 100 ml	No
357	010554	Phenytoin Sodium 100 mg Tab	No
358	010552	Inj Phosphenytoin 75mg/ml-2ml ampoule	Vial
359	011040	Phytomenadione (Vit K) 1 mg/0.5ml Inj	Amp/Vial
360	012038	Pilocarpine Nitrate eye solution 2% bott of 5 ml	Bott
361	013258	Piperacillin 4 gm +Tazobactam 500mg lyophilized Inj	Amp
362	011352	Podophyllin resin solution 10%	



## Appx 'A'

(Refer O/o DGAFMS/DG-2C letetr No  
19189/DGAFMS/DG-2C/CDL dated 19 Apr 2016)

S No	PVMS No	Nomenclature	A/U
363	011683	Polyethylene glycol (Purgative powder) IP 118gm. Sod Chloride 2.93 gm, Pot Chloride 1.484 gm, Sod Bicarb 3.37 gm, Sod sulphate 11.35gm	Sachet
364	011261	Post Extraction resorbable fiber based alveolar dressing, jar of 10-12 gms	Jar
365	012518	Potassium Chloride 15% Inj (IV) amp of 10 ml (1.5gm)	Amp/Vial
366	012665	Potassium Citrate 1100mg, citric Acid or Mag citrate 300 to 400mg per 5ml bott of 200ml	Bott
367	011741	Povidone Iodine 200 mgm Pessary	No
368	010431	Pralidoxime 500mg/20ml Inj	No
369	V013118	Praziquantel 50 mg, Febantel 150 mg pyrantal embonate 144 mg Tab	No
370	011189	Prazosin 2.5mg sustained release/slow release Tab	No
371	010322	Prednisolone 5 mg Tab	No
372	012243	Prednisolone Symp 5mg/5ml In bott of 30 ml	Bott
373	0 10533	Pregabalin 75 mg Tab/Cap	No
374	010683	Primaquine (7.5mg base) Tab	No
375	010849	Procarbazine HCl 50mg Cap	No
376	010307	Promethazine Symp 5mg/5ml Bott of 60 ml	Bott
377	012347	Promethazine HCl 25 mg Tab	No
378	010110	Propofol 1% or 10mg/ml, 20 ml Inj	Amp/vial
379	0 11151	Propranolol TR 40mg Tab	No
380	011030	Protamine Sulphate 1% , 5ml Inj	Amp/Vial
381	011972	Protein Supplement Formula for Renal Patient	Sachet
382	011262	Pulp Devitaliser Non Arsenic containing Paraformaldehyde 46% Lidocaine Base 37% Phenol 6% paste, Jar of 4.5 gm	Jar
383	010610	Pyrantel Pamoate 250 mg/5ml susp.	Bott
384	010644	Pyrazinamide 0.5 gm Tab	No
385	010643	Pyrazinamide Suspension 250 mg/5ml, Syr, Bottle of 100 ml	Bott
386	010666	Quinine 300mg Tab	No
387	011191	Ramipiril 5 mg Tab	No
388	011640	Ranitidine 150 mg Tab	No
389	012070	Inj Ranibizumab 2.3mg/ 0.23 ml	Amp/Vial
390	0 11711	Recombinant Human Growth Hormone 5mg to 15mg, Inj	PF Syringe/ Pen
391	0 11001	Recombinant human tissue-type Plasminogen activator (tPA) powder for injection 20mg	Amp/vial
392	011609	Ribavirin Cap 200 mg Cap	No
393	0 10630	Rifabutin 150 mg, Cap	No



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Appx 'A'  
 (Refer O/o DGAFMS/DG-2C letetr No  
 19189/DGAFMS/DG-2C/CDL dated 19 Apr

S No	PVMS No	Nomenclature	
394	010634	Rifampicin 150mg Cap	No
395	010636	Rifampicin 450mg + Isoniazid 300mg combination Cap/Tab	No
396	010637	Rifampicin 600 mg+Tab INH 300mg Tab	No
397	010632	Rifampicin oral susp 100mg/5ml bottle of 200 ml	Bott
398	270715	Sodium lactate compound solution (Ringer lactate solution) in nontoxic disposable plastic bottle of 500ml FFS	Bott
399	012350	Risperidone 1mg/ml Syp in bottle of 30 ml	Bott
400	010850	Rituximab 500mg Inj	Amp/Vial
401	010568	Rizatriptan 5mg Tab	No
402	011356	Salicylic Acid 3 - 5% and Coal tar 1 - 3% soln, Bott	Bott
403	0 12856	Salmeterol 50mcg + Fluticasone 250 mcg pulverised for inhalation Rotacaps, Pack of 30	No
404	012858	Salmeterol 50mcg + Fluticasone 250mcg multi dose dry powder inhaler of 60 doses	Dose
405	012368	Sertraline 50 mg Tab	No
406	011981	Sevelamer 400mg tab	No
407	010114	Sevoflurane Bottle of 250 ml	Bott
408	012684	Sildenafil citrate 50 mg Tab	No
409	011363	Silver sulphadiazine 1% cream w/v Jar of 500 gms	Jar
410	011768	Sitagliptin Phosphate, 25 mg Tab	No
411	012525	Sodium Bicarbonate 7.5% amp of 10 ml	Amp/Vial
412	012103	Sodium Chloride 0.65% w/v Nasal drops of 15 ml	Bott
413	270714	Sodium chloride solution Isotonic in nontoxic disposable plastic bottle of 500ml FFS	Bott
414	011252	Anticaries Fluoride Gel containing sodium fluoride/Stannous Fluoride bot/Tube of 120-150 ml or gm	Bott/Tube
415	011153	Sodium Nitroprusside 50 mg Inj	Amp/Vial
416	011681	Sodium Phosphate solution 45ml each pack of 2 bottle	Pack
417	010560	Sodium Valproate 200 mg Tab	No
418	010559	Sodium Valproate oral solution 200mg/5ml Bott of 100 ml	Bott
419	NIV/01	Sofosbuvir Tab 400 mg	No
420	011518	Spironolactone 25 mg Tab	No
421	012528	Sterile water for amp of 10 ml	Amp/Vial
422	011165	Streptokinase 15 Lacs IU Inj	Amp
423	011840	Succinylcholine Chloride 50 mg/ml, 2 ml Inj	Amp
424	011639	Sucralfate Suspension 1gm/5ml bott of 200 ml	Amp
425	010677	Sulphadoxine 500 mg & Pyrimethamine 25 mg Tab	

by



## Appx 'A'

(Refer O/o DGAFMS/DG-2C letetr No

19189/DGAFMS/DG-2C/CDL dated 19 Apr 2016

S No	PVMS No	Nomenclature	A/U
426	013260	Sulphamethoxazole 200 mg and Trimethoprim 40mg per 5ml bottle of 50ml Suspn	Bott
427	013261	Sulphamethoxazole 400 mg & Trimethoprim 80mg Tab	No
428	10565	Sumatriptan 50 mg Tab	No
429	010858	Sunitinib 12.5 mg Tab	No
430	010859	Sunitinib 25 mg Tab	No
431	0 11979	Tacrolimus 1 mg Tab	No
432	0 11980	Tacrolimus 0.5 mg Cap	No
433	010880	Tamoxifen Citrate 20 mg Tab	No
434	012686	Tamsulosin HCL 0.4mg Cap	No
435	012602	Telcoplanin 200 mg Inj	Amp/vial
436	011182	Telmisartan 40 mg, Tab	No
437	011172	Telmisartan 40mg + Amlodipine 10 mg Tab	No
438	010854	Temozolamide 100mg Cap	No
439	010855	Temozolamide 250mg Cap	No
440	0-11624	Tenofovir Tab 300 mg	No
441	011791	inj Teriparatide 750 mcg/ 3 ml	No
442	010856	Thalidomide 50 mg Tab	No
443	010111	Thiopentone-Inj of 0.5 g without water for Injection	Amp/vial
444	011706	Tab Thyroxine 50 mcg	No
445	011789	Thyroxine Sodium 0.025 mg Tab	No
446	011790	Thyroxine Sodium 0.1mg Tab	No
447	012053	Timolol Maleate eye drop 0.5% bott of 5 ml	Bott
448	010674	Tinidazole 500 mg Tab	No
449	010292	Tizanidine 2mg + Ibuprofen 400mg Tab	No
450	012054	Tobramycin 0.3% bott of 5ml	Bott
451	010587	Topiramate 25 mg Tab	No
452	0 11115	Torsemide 10 mg (Scored Tab)	No
453	012656	TPN for Peripheral Vein Pack of 1000-2500 ml containing : Calorie 600 K cal/L, Amino Acid 22 gms/L Nitrogen 3.5 gm/L or more, glucose 85 gm/L, Lipid, 20 gm/L, Osmolarity not more than 900 milli osom/L	Bag
454	010293	Tramadol HCL 50 mg Cap/Tab	No
455	010294	Tramadol HCL 50 mg/ml Inj, 1 ml Amp	Amp/Vial
456	011034	Tranexamic Acid 500mg Tab	No
457	011377	Tretinoin 0.05% Tube of 20 gm	Tube

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Appx 'A'  
 (Refer O/o DGAFMS/DG-2C letetr No  
 19189/DGAFMS/DG-2C/CDL dated 19 Apr 2016)

S No	PVMS No	Nomenclature	A/U
458	011271	Triamcinalone Acetate 1% for oral use, Tube of 5 gm	Tube
459	011520	Triamterene 50mg IP and Benzthiazide 25 mg NFC (US) Tab	No
460	012252	Triclofos Syp, 500 mg/5ml in 30ml bottle	Bott
461	010926	Trihexyphenidyl HCl 2mg Tab	No
462	011355	Trifoxasalen topical 0.2% bottle of 15 ml	Bott
463	012058	Tropicamide Eye solution 1%, bott of 5 ml	Bott
484	011379	Urea cream, Urea 10 to 12% lactic Acid 5 to 10% in pack of 50 gm	Gm
465	011607	Ursodexychoic acid 150mg Tab	No
466	013265	Vancomycin CP 500 mg Inj	Amp/vial
467	011850	Vecuronium Bromide 4mg/ml, 1 ml Inj	Amp/Vial
468	012734	Vit D-3, 60,000 U per 1 gm sachet	Sachet
469	012705	Vitamin B complex with a minimum concentration of vit B1-5mg, Vit B6-3mg & Vit B12-5mcg therapeutic Tab/Cap	No
470	011175	Warfarin 5 mg Tab	No
471	012145	Xylometazoline HCl 0.05% w/v nasal solution for paed use bott of 10ml	Bott
472	013294	Zidovudine 300mg+ Lamivudine 150mg Tab	No
473	010886	Zoledronic acid 5 mg Inj	Amp/vial/PFS
474	012372	Zolpidem 10 mg Tab	No

e

## SAMPLE CALCULATION SHEET OF MMF FOR THE FIN YEAR 2019-20.

Ser No	Ledger Vol/ Page No	PVMS/ NIV No	Nomenclature	Month wise consumption												No of months	Total expdr	Monthly avg (g/f)	% variati on	Value after variati on	Value when adjusted as per packing	Value Rec by PC	Value Vetted by SEMO	Remarks
				(e)																				
(a)	(b)	(c)	(d)	Jan 18	Feb 18	Mar 18	Apr 18	May 18	Jun 18	Jul 18	Aug 18	Sep 18	Oct 18	Nov 18	Dec 18	(f)	(g)	(h)	(j)	(k)	(l)	(m)	(n)	(p)
1.	1/3	011761	Acarbose 25mg Tab	205	240	308	426	378	0	0	426	365	300	325	265	10	3238	323	-	323	320	320		
2.	2/5	011014	Folic Acid 5 mg Tab	325	411	400	368	349	295	325	369	285	305	270	310	12	4012	334	-5%	314	-	315		Various packges
3.	1/18	010275	Paracetamol 500mg Tab	325	308	526	112	0	0	522	488	398 +50	275	330	345	09	3567	396	+5%	415	420	420		

**Method of calculation/Entries**

- While the detailed procedure has already been explained, sample docu is attached for better understanding and assimilation.
- Entries in columns:-
  - Ser Nos to be entered starting from 1.
  - Ledger Vol/Page No to be entered viz ledger vol 1/2/3 in first portion and concerned page No in second portion. Page No of latest ledger Vol in use to be mentioned. Previous Vol No/ Page No should be linked on the Ledger sheet.
  - PVMS/ NIV No as applicable to be mentioned.
  - Nomenclature in dictionary alphabetic sequence should be listed. In case of same name, low weightage medicine should be mentioned first.
  - (i) Monthwise consumption should be correctly entered from ledger entries. Only that medicine should be entered which has been consumed by patients.
  - (ii) Since medicines from ALC are being issued to patients and only those are being taken on master ledger which are not being collected by month end, separate register maint for ALC should be used to take data of medicine consumption from ALC as well. It should be put with '+' mark as shown in Ser 3 for month of Sep 18. In case a medicine is not issued from ALC, it will be assumed as 'zero' and no entry to be maintained.



(iii) If 'NA' medicines are purchased on reimbursement basis, a separate register will be maintained for the said purpose and medicines consumed by patients on acct of this will also be factored when implemented with addl entry as done for ALC medicines.

(iv) Having made the entries, months having '0' consumption/ months where medicine got over in the middle of month will be underlined in 'red' and will not be factored in subsequent calculation. See example wherein '0' has been underlined as well as entry of Apr 18 in Ser 3 and No of months have been accordingly calculated. Values of this month will also not be factored in total.

(f) Only those No of months to be put which have natural consumption when medicine has been available in the stock viz in Ser 1, '10' has been put taking out Jun 18 & Jul 18 where as '9' has been put in Ser 3 taking out May 18 & Jun 18 for '0' consumption and taking out Apr 18 as ledger bal had shown 'NIL' in this month in the middle of month.

(g) Total of only those months to be taken where normal consumption exists. In case of the months as per (e)(iv), their total should not be done. Total to be done for those months as given in (f).

(h) Avg be taken by (g)/(f) entries. Avg be put in whole Nos. Decimals not to be used.

(j) A conf should be held with all med/Para med/ Para dental pers incl doctors & specialists to deliberate on the need to increase/ decrease the value reached. Entries of variation to be made for each medicine but be limited to 0 to 10%. Reasons of such variations should be recorded at PC end for future reference. Higher changes should be justified in remarks coln.

(k) Value of (h) be modified (increased/ decreased) as per % in (j) column and fresh value be recorded in whole Nos.

(l) Value reached in (k) to be modified upwardly/ downwardly to nearest smallest packing where uniform packs come. Various companies may be packing different No of tablets in the packs and in such cases no changes should be done. '\_\_\_' should be placed in all such cases and values of coln (k) should be taken to closest of '5' and entered in (m) column. viz value for Ser 1 comes in (k) as 323 but has been modified as 320 as lowest packing of Acarbose 25mg tab is 10 tablets in a packet. As against this since Folic Acid 5mg comes in varying packing, '\_\_\_' has been put in 2(l) and value taken as '315' closest to multiple of 5 in (m) column.

(m) This columns should include value as recommended by PC. If a particular medicine is being hardly consumed / not required, value can be put 'zero' and reasons give in remarks coln. Except in such cases, value as obtained in (l) should be put in (m) as well.

(n) Value as vetted by SEMO/SEDO could be same as given in (m) or less/ more as considered appropriate.

(p) Any explanatory notes.



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