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## A Study on Alternative Medicines and Assessment of Duplicate Invoices and Vendor Reconciliation method in Nestle

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### Abstract

**Objective:** This paper aims to study the alternative, cost effective options available of essential medicines and assessment of vendor reconciliation and duplicate invoices method in Nestle India

**Method and statistical analysis:** We have considered 95 medicines to find substitute at low cost ensuring best branded quality containing same Medicine Salts. To fulfill other objective, 185 vendors have been selected for Duplicate Invoices and Vendor Reconciliation.

**Findings:** 50 medicines have no alternative medicines with same medicine salt. 24 Medicines have alternative medicines with same salt. Substitute Medicines costs 19.68 % less than the Current Medicines used. For Duplicate Invoices and Vendor Reconciliation Company have aligned with the vendors and got 100% Results.

**Application/Improvements:** This assessment helped company in knowing the effectiveness of the present methods and helped them in improving process and saving cost for the company

**Keywords:** *Vendor reconciliation, alternative medicines, duplicate invoices, Nestle*

### Introduction:

Company focuses on the health of the employees. Company ensures all employees are covered by a certified safety and health management system. Company provides immediate treatment to the employees in case they met any accident. Duplicate Invoice postings happen when a single invoice received from a vendor is posted in the system more than once and rejected by the company.

Ideally there should be three copies of Invoices:

- Original Invoice is the invoice send directly by vendor to Payment section. This invoice ensures the payment to the vendors for the material and services supplied by them to the company.

- Duplicate Invoice of Seller is send to the store / warehouse where the dispatched material is being stored and provided to different manufacturing units and departments when required. This Invoice provides all the information about the material available at store.
- Transport Copy of Invoice is the copy of invoice which is being issued by the vendor when the material is transit .

A Vendor statement is a document from the vendor's accounting system listing all unpaid invoices at a certain date. It can also contain other un cleared items such as credit notes and payments. Reconciliation of this vendor statement requires matching the invoices and other lines to documents from your own system. Vendor Reconciliation is somewhat similar to the Bank Reconciliation. Vendor Reconciliation ensures the matching of payment transactions in Vendor's Book of Accounts and also with record available with payment section regarding payments. Vendor Reconciliation means to get confirmation from the vendor that no payment is due till date. All the payments have been received by the vendor. This ensures that vendor should issue no due certificate to the company.

**Review of Literature:** Analysis of record of Vendor Reconciliation cases and Duplicate Invoice cases. It was found that company didn't get accurate results .Most of the vendors, made delay in issuing confirmation for No Balance Due. In order to earn repeatedly from Company they send original invoice twice.

They conducted the study with the motive to:

- a) To Provide Substitute Medicines with better brand
- b) Branded Medicines.
- c) Ensure that all the substitute medicines priced less than the medicines already available at dispensary.

Branded Substitute Medicines should be quality oriented as company doesn't compromise with health of its employees but study didn't give accurate results. They also made study relevant to Duplicate Invoice and found that:

Duplicate Invoices might be posted in the SAP system because of various reasons such as:

- a) Vendors sending invoices more than once because of delay in payments or misplacement of invoices.
- b) Erroneously, Vendor have send the invoices twice .

Vendor Reconciliation was also studied by the company before and it was found:

No Vendor can demand for repayment of their invoices if payment section have written record of their confirmation. If Vendor has not received his payment till date then he cannot demand from the payment section. It ensures availability of records in Books of Accounts of Vendor as well as payment section.

### **Objective of the study:**

1. To assess the method of duplicate invoices and effectiveness of vendor reconciliation method in Nestle
2. To find out the alternative medicines substitute for selected medicine category provide by the company
3. Assessment of alternative category of medicines for cost effectiveness of the organization

### **Research Methodology:**

We have considered 95 medicines to find substitute at low cost ensuring best branded quality containing same Medicine Salts. We have considered here 185 vendors for Duplicate Invoices and Vendor Reconciliation.

### **Findings:**

**A: Vendor reconciliation:** process is as follows, it included the following steps.

1. Company called all the Vendors, Asking for the reasons for the purpose of sending multiple numbers of invoices.
2. Note down their reasons and queries and send it to the Payment Section.
3. Informed them the procedure of filling the duplicate invoice along with the declaration form if multiple no. of invoices for any specific reason. Henceforth, they are requested to follow the procedure.

4. They should Mail the vendor as they require the information about their invoice details. Eventually, send a common mail along with the attachment of Declaration Form which is to be send by vendor in case of sending multiple no. of original copy.

Company called all the vendors for Vendor Reconciliation, Asking them if they have received all their payments due till date; Getting their confirmation by asking them to send no due confirmation either through mail or in written form on a letter pad.; Mailed them asking for the same along with Vendor Reconciliation Form . Vendor can write their queries in that form regarding any due payment. If they have not received their payment till date they must inform the company in order to forward their queries to payment section

## B: Alternative medicines

FINDINGS :										
Current Scenario					Proposal					
Medicine Name	Medicine Brand	Medicine Salt	Quantity	Current Rate (IN R)	Total Cost	Proposed Medicine	Proposed Medicine Brand	Medicine Salt	Proposed Medicine Rate (IN R)	Total Cost of Substitute
Ocid 20mg Capsule 15's	Cadila Healthcare Ltd.(Zydus)	Omeprazole Sodium 20mg	500	37.97	189.85	OMEGATES 20mg Capsule 10's	Gates India Pvt. Ltd.	Omeprazole Sodium 20mg	23.45	1172.5
						OMES EC 20mg Capsule 10's	Ranbaxy Laboratories Ltd.	Omeprazole Sodium 20mg	24.6	1230.0
CIPLO XD Eye/Ear Drops 10ml	Cipla Ltd.	Ciprofloxin 0.3% + Dexamethasone 0.01% W/V	600	11	660.0	No Substitute				
Dependal M 100mg/300mg Tablet	Glaxosmithkline Pharma ceutical	Furazolidone 100mg + Metronidazole 300mg	10	5.13	51.3	No Substitute				

10's	s Ltd.								
Cobade x Forte Capsule 20's	Glaxos mithklin e Pharma ceutical s Ltd.	Cyanocobala min + Vitamin B Complex + Vitamin C	200	19. 75	395 0	No Substitute			
Magado 1 Tablet	Alembic Pharma ceutical s Ltd.	Diclofenac 50mg + Paracetamol 500mg	200 0	3	600 0	DICLO NIJ KP Tablet 10's	Sunij Pharma Pvt. Ltd.	Diclofena c 50mg + Paracetam ol 500mg	12.8 8 2576 0
						DICLO LAB PLUS Tablet 10's	Laborat e Pharma ceutical s India Ltd.	Diclofena c 50mg + Paracetam ol 500mg	14.2 5 2850 0
DERMI CIL Cream 50gm	Cipla Ltd.	Vitamin C 500mg	100	26	260 0	No Substitute			
Unienzyme Tablet	Uniche m Laborat ories Ltd.	Diastase + Pepsin	100 0	2.0 2	202 0	No Substitute			
Sinarest LP Tablet 10's	Centaur Pharma ceutical s Pvt. Ltd.	Levocetirizin e 2.5mg + Paracetamol 500mg + Phenylephri ne 10mg	150 0	79. 19	118 785	ALLER CET COLD Tablet 10's	Micro Labs Ltd.	Levocetri zine 2.5mg + Paracetam ol 500mg + Phenylep hrine 10mg	55.5 8325 0
Imodium Capsule 4's	Johnson & Johnson Pvt. Ltd.	Loparemide 2mg	1,00 0	2.0 2	202 0	More Price of two substitu te			
Digine Mix Fruit Gel (Oral) 200ml	Abbott India Ltd.	Aluminium Hydroxide + Magnesium Hydroxide + Simethicone + Sodium Carboxymethylcellulose	10	99	990	No Substitute			
ACCU CHEK	Roche Diabete		6	675	405 0	ACCU CHEK	Roche Diabete		749 4494

Active Glucose Monitor With 10 Strips	s Care GmbH					Active Test Strip 25's	s Care GmbH			
						Onetouch Ultra Test Strip 10's	Lifescan Scotland Ltd.		460	2760
Quadriderm RF Cream 5gm	Fulford India Ltd.	Beclomethasone Dipropionate 0.025% + Clotrimazole 0.01 + Neomycin 0.005	10	53	530	NUFO RCE gm Cream 15gm	Mankind Pharma Pvt. Ltd.	Beclomethasone Dipropionate 0.025% + Clotrimazole 0.01 + Neomycin 0.005	36.3	363
						CLOBE N G Cream 5gm	Indoco Remedies Ltd.	Beclomethasone Dipropionate 0.025% + Clotrimazole 0.01 + Neomycin 0.005	48	480
AMLO PRES AT 25mg Tablet 15's	Cipla Ltd.	Amlodipine Besylate 5mg + Atemolol 25mg	200 0	4.3 3	866 0	TENOC HEK 25mg Tablet 10's	IPCA Laboratories Ltd.	Amlodipine Besylate 5mg + Atemolol 25mg	42	8400 0
						AMLO Z AT 25mg Tablet 14's	Shreya Life Sciences Pvt. Ltd.	Amlodipine Besylate 5mg + Atemolol 25mg	70.4 5	1409 00
BESTO ZYME Syrup 200ml	Biological Evans Ltd.	Enzymes + Digestive Supplements	30	74. 14	222 4.2	No Substitute				
BIOLA C Capsule 10's	Zee Laborat ories Ltd.	Prebiotic + Probiotic	10	89	890	No Substitute				
ALTHR OCIN	Alembic Pharma	Erythromycin 500mg	500	70. 1	350 50	ERYTHROCIN	Abbott Healthc	Erythromycin	60.6 5	3032 5

500mg Tablet 10's	ceuticals Ltd.					500mg Tablet 10's	are Solutions Pvt. Ltd.	500mg		
SILVER REX AV Cream 10gm	Ranbaxy Laborat ories Ltd.	Chlorhexidine + Silver Sulfadiazine	30	39. 22	117 6.6	No Substitute				
BETAD IP Lotion 100ml	East West Pharma ceutical s Pvt. Ltd.	Betamethasone	50	52. 69	263 4.5	No Substitute				
BETAD IP Powder 10gm	Win Medicar e Pvt. Ltd.	Povidine Iodine 5% W/V	10	91	910	No Substitute				
WIKOR YL Tablet 10's	Alembic Pharma ceutical s Ltd.	Chlorpheniramine 2mg + Paracetamol 325mg + Phenylephrine 5mg	100	36. 55	365 5					
PIRITO N CS Syrup 100ml	Glaxos mithklin e Pharma ceutical s Ltd.	Chlorpheniramine 4 mg + Dexatromethorphan 10mg	40	77. 65	310 6	CORIC UFF D Syrup 100ml	Fervent Life Science s Pvt. Ltd.	Chlorphe niramine 4 mg + Dexatrom ethorphan 10mg	52.5	2100
						AGIKU FF D Syrup 100ml	Agio Pharma ceutical s ltd.	Chlorphe niramine 4 mg + Dexatrom ethorphan 10mg	54	2160
CROCI N 650mg Tablet 15's	Glaxos mithklin e Pharma ceutical s Ltd.	Paracetamol 650mg	100	28. 05	280 5	ALGIN A 650mg Tablet 10's	Geno Pharma ceutical s Ltd.	Paracetam ol 650mg	9.4	940
						PMSO N 650mg Tablet 10's	Unison Pharma ceutical s Pvt. Ltd.	Paracetam ol 650mg	12.4	1240
FOLVI TE	Pfizer Limited	Folic Acid 5mg	10	61. 67	616 .7	FOLID EN	Fourrts India	Folic Acid 5mg	9.3	93

Tablet 45's						Tablet 10's	Labora ries Pvt. Ltd.			
						OLIC 5mg Tablet 10's	Ozone Pharma ceutical s Ltd.	Folic Acid 5mg	13.6 6	136. 6
BETAD INE Cream 20gm	Win Medicar e Pvt. Ltd.	Povidone Iodine	100	121	121 00	No Substitute				
Onetouc h Delica Lancets 25's (Blood Lancets)	Lifescan Scotlan d Ltd.		10	152	152 0					
VOVER AN 75mg Injectio n 1ml	Vovartis India Ltd.	Diclofenac Sodium 75gm	20	16. 97	339 .4	D GESIC 75mg Injectio n 1ml	Anthus Pharma ceutical s Pvt. Ltd.	Diclofena c Sodium 75gm	17.5	350
T T (Cipla) Injectio n 5ml	Cipla Ltd.	Tetanus	30	26. 13	783 .9	No Substitute				
ANAFO RTAN Tablet 15's	Abbott India Ltd.	Camylofin Dihydrochlo ride 25mg + Paracetamol 100mg	30	89. 14	267 4.2	No Substitute				
SUPRA DYN Tablet 15's	Abbott India Ltd.	Multimineral + Multivitamin	10	25. 5	255	No Substitute				
STEME TIL 12.5mg Injectio n 1ml	Abbott India Ltd.	Prochlorpera zine 12.5mg	10	10. 85	108 .5	No Substitute				
BETNE SOL Tablet 20's	Glaxos mithklin e Pharma ceutical s Ltd.	Betamethaso ne 0.5mg	50	9.5	475	BETNE LAN 0.5mg Tablet 20's	Glaxos mithklin e Pharma ceutical s Ltd.	Betameth asone 0.5mg	8	400
Dettol Disinfec tant Liquid	Reckitt Benchki ser India Ltd.		30	83	249 0					

200ml									
ANAFORTAN Injectio n 2ml	Abbott India Ltd.	Camylofin 25mg	30	20.5	615	No Substitute			
LASIX Injectio n 10*2 ml	Sanofi India Ltd.	Frusemide 20mg	30	44.4	1332	No Substitute			
PERIN ORM Tablet 10's	IPCA Laboratories Ltd.	Metaclopramide 10mg	500	0.99	495	No Substitute			
DISPRI N Tablet	Reckitt Benchkiser India Ltd.	ASPIRIN 350mg	1500	0.38	570	No Substitute			
ZOXA N Eye/Ear Drops 5ml	Fdc Ltd.	Ciprofloxacin	1000	6	6000	No Substitute			
DERIPH YLLI N Injectio n 2ml	German Remedies Ltd.	Etophylline 84.7mg + Theophyllin e 25.3mg	30	5.7	171	No Substitute			
DEXONA Injectio n 2ml	Cadila Pharmaceuticals Ltd.	Dexamethas one 8mg	30	4.38	131.4	DECD AN Injectio n 2ml	Wockha rdt Ltd.	Dexameth asone 8mg	173.1
BETNESOL Injectio n 8*1ml	Glaxos mithklin e Pharmaceuticals Ltd.	Betamethaso ne 4mg	30	3.72	111.6	BETSO NE Injectio n 1ml	Medoph arm Pvt. Ltd.	Betameth asone 4mg	42.9 1287
CROCI N ADVANC E 500mg Tablet 15's	Glaxos mithklin e Pharmaceuticals Ltd.	Paracetamol 500mg	1500	13.77	20655	ACETO 500mg Tablet 10's	Shield Health Care Pvt. Ltd.	Paracetam ol 500mg	8.7 13050
						DOLO MINE 500mg Tablet 10's	Cassel Researc h Laborat ries Pvt. Ltd.	Paracetam ol 500mg	8.7 13050

LARIG OX Tablet 10's	Ms Globus Remedies Ltd.	Chlorzoxazone 250mg + Diclofenac 50mg + Paracetamol 325mg	4000	55	22000	ELAXI C Tablet 10's	Dwd Pharmaceutical s Ltd.	Chlorzoxazone 250mg + Diclofenac 50mg + Paracetamol 325mg	30.57	122280
						DICLO PAL MR Tablet 10's	Medlab Pharmaceuticals Pvt. Ltd.	Chlorzoxazone 250mg + Diclofenac 50mg + Paracetamol 325mg	31.62	126480
DULCO FLEX Tablet	Boehringer Ingelheim India Pvt. Ltd.	Bisacodyl 5mg	1000	0.75	750	No Substitute				
SOFRA MYCIN SKIN Cream 30gm	Sanofi India Ltd.	Framycetin	50	25.22	1261	No Substitute				
PERIN ORM Injection 2ml	IPCA Laboratories Ltd.	Metachopramide 5mg	10	4.75	47.5	No Substitute				
ABD 400mg Tablet 1's	Franklin Pharma	Albendazole 400mg	10	7.83	78.3	WOMI BAN 400mg Tablet	Blue Cross Laboratories Ltd.	Albendazole 400mg	7.5	75
						ALBOL 400mg Tablet 1's	East West Pharmaceuticals Pvt. Ltd.	Albendazole 400mg	7.5	7.5
BIOVA C A Injection 0.5ml	Wockhardt Ltd.	Hepatitis A Vaccine 0.25mg	70	795	55650	No Substitute				
COBA DEX CZS Tablet 15's	Glaxosmithklinee Pharmaceuticals Ltd.	Vitamin B + Vitamin C + Zinc	500	70.35	35175	No Substitute				
LOX	Neon	Lignocine	10	29.	296	No Substitute				

2% 30ML	Laborat ories Ltd.	2%		65	.5					
BECOS ULES Z Capsule 20's	Pfizer Limited	Vitamin B + Vitamin C + Zinc	400	31. 41	125 64	No Substitute				
Omtec 20mg Capsule	Technic a Lab Pvt. Ltd.	Omeprazole 20mg	334	9.1 5	305 6.1	Ocid 20mg Capsule	Zydus Cadila	Omeprazo le 20mg	39.2 8	1311 9.52
Procef 200mg Tablet	Talent Healthc are	Cefpodoxine 200mg	10	183 .37	183 3.7	Monoce f-O 200mg Tablet	Aristo Pharma ceutical s Pvt. Ltd.	Cefpodox ine 200mg	138	1380
						Gudcef 200mg Tablet	Mankin d Pharma Pvt. Ltd.	Cefpodox ine 200mg	120	120
Mefac Spas Tablet	P&B Pharma ceutical s Ltd.	Dicyclomine 10mg + Mefanamic Acid 250mg	200 0	34	680 00	Mefkin d-Spas Tablet	Mankin d Pharma Pvt. Ltd.	Dicyclom ine 10mg + Mefanami c Acid 250mg	31.9	6380 0
Paramol 500mg Tablet	Glenma rk Pharma ceutical s Ltd.	Paracetamol / Acetaminop hen 500mg	200	6	120 0	Maliden s 500mg Tablet	Abbott Healthc are Solution s Pvt. Ltd.	Paracetam ol / Acetamin ophen 500mg	9.08	1816
Acepac SP Tablet	Franklin Pharma	Aceclofenac 100mg + Paracetamol / Acetaminop hen 500mg + Serratiopepti dase 15mg	100 0	19. 56	195 60	More Price of substitu te				
Stemetil 5mg Tablet MD	Abbott India Ltd.	Prochlorpera zine 5mg	100	42	420 0	Emikin d 5mg Tablet MD	Mankin d Pharma Pvt. Ltd.	Prochlorp erazine 5mg	33.2 7	3327
						Nausipi l 5mg Tablet DT	Psychot ropics India Ltd.	Prochlorp erazine 5mg	20	2000
Macgel Suspens ion	Franklin Laborat ories	Magaldrate 5ml + Simethicone	200	22. 5	450 0	Ulgene Oral Gel	Intas Pharma ceutical	Magaldrat e 5ml + Simethlco	18.7 5	3750

	Pvt. Ltd.	5ml					s Ltd.	ne 5ml		
Dermist Cream 100ml	Astrel Genome Ltd.		100	247	247 00					
Nimez 100mg Tablet	Kaizen Pharma ceutical s Pvt. Ltd.	Nimesulide 100mg	300 0	5.5	165 00	Nimpre x 100mg Tablet	Seagull Pharma ceutical s Pvt. Ltd.	Nimesulid e 100mg	16.3	4890 0
					0	Emsulid e 100mg Tablet	Emcure Pharma ceutical s Ltd.	Nimesulid e 100mg	19.2	5760 0
Librium 10mg Tablet	Abbott	Chlordiazep oxide 10mg	10	58. 8	588	Librate 10mg Tablet	Talent India	Chlordiaz epoxide 10mg	25.8	25.8
					0	Albium 10mg Tablet	Intas Pharma ceutical s Ltd.	Chlordiaz epoxide 10mg	2.12	21.2
Frankoff DX Syrup	Frankfu rt Pharma Pvt. Ltd.	Chlorpheniramine (NA) + Dextrometho rphane (NA)	10	41. 93	419 .3	No Substitute				0
Antico Plus Tablet	Axyzen Life Sciences	Caffeine 30mg + Paracetamol / Acetaminop hen 325gm + Levocetirizin e 2.5mg + Phenylephri ne 10 mg	10	45	450	L Dio Plus Tablet	Unison Pharma ceutical s Pvt. Ltd.	Caffeine 30mg + Paracetam ol / Acetamin ophen 325gm + Levocetiri zine 2.5mg + Phenylep hrine 10 mg	32.9	329
					0	Votcold Tablet	Votary Laborat ories I Ltd.	Caffeine 30mg + Paracetam ol / Acetamin ophen 325gm + Levocetiri zine 2.5mg + Phenylep hrine 10 mg	38	380

Aziton 500mg Tablet	Proton Remedies Pvt. Ltd.	Azithromycin 500mg	10	52.55	525.5	No Substitute				0
ALCE 5mg Tablet	Dr. Alson Laboratories Pvt. Ltd.	Levocetirizine 5 mg	200	2.5	500	Levosiz 5mg Tablet	Systopic Laboratories Pvt. Ltd.	Levocetirizine 5 mg	14.5	2900
Tropine 0.6mg Injection	Neon Laboratories Ltd.	Atropine 0.6 mg	10	37.4	374	Atropine Sulphate Injection	Samarth Life Sciences Pvt. Ltd.	Atropine 0.6 mg	11.25	112.5
					0	Atropa 0.6 mg Injection	Troikaa Pharmaceuticals Ltd.	Atropine 0.6 mg	1.55	15.5
Digizyme Syrup Pineapple	Astra Labs		10	74	740	Enzofast Syrup Pineapple	Invision Medi Science s Pvt. Ltd.		55	55
Water For Injection	Albert David Ltd.	Sterile Water (NA)	10	2.37	23.7	No Substitute				10
VAC TYPH Injection 0.5 ml	Cadila Laboratories Ltd. (Zydus)	Typhoid Vaccines	10	200	2000	No Substitute				10
Volini Spray	Sun Pharmaceuticals Industries Ltd.		10	78	780	Combiwarm Icy Hot Fast Pain Relief Spray	Sanofi India Ltd.		107	1070
						Omnigel Spray	Cipla Ltd.		92	920
Volini Gel	Sun Pharmaceuticals Industries Ltd.		10	52	520					0

Moov Spray	Reckitt Benckiser		35	87.5	306.25	Omnigel Spray	Cipla Ltd.		92	920
						CombiFilm Icy Hot Fast Pain Relief Spray	Sanofi India Ltd.		107	3745
Dynaplast Bandage 10cm	Johnson & Johnson Ltd.		10	152	152.0	3M Crepe Bandage 10cm	3M India Limited		94	94
Band Aid Washproof 100's	Johnson & Johnson Ltd.		10	250	250.0	No Substitute			10	
Dabur Glucose D Powder(Jar) 500 gm	Dabur India Ltd.		10	95	950				10	
Unisoft Medical Examination Gloves 50's	Unisoft Surgical Industries		10	348.75	348.75				10	
Gibson Medical Examination Glove (Non-Sterile and Powdered)	Gibson		10	308	308.0	Smart Care Disposable Polythene Examination Gloves	Saify Healthcare and Medi Devices India Pvt. Ltd.		230	2300
Digital Thermo meter Flexi Tip (Eq-Dt 61)'s	Equinox Overseas Pvt. Ltd.		10	193.75	193.75	Thermometer Pencil Type	Omron Healthcare Co. Ltd.		175	1750

Digene Pudina Pearls Tablet 10's	Abbott Health Care Pvt. Ltd.	Antacid	10	18	180	No Substitute			10
Savlon Antiseptic Liquid 100ml	ITC India Limited		10	36.9	369				10
3M Littmann Classic Lii Stethoscope Plum 27 Inch (5831)	3M India Ltd.		10	936 2.5	936 25				10
Cotton Wool/ Role 200gm	Ramaraju Surgical Cotton Mills Ltd.		10	96.1	961				10
B. P. Monitor Upper Arm Type (Hem - 8711 - In)	Omron Healthcare Co. Ltd.		10	259 1.6	259 16				10
Romsons Infusion Set 1's (Surgical Accessories)	Romsons Scientific & Surgical Pvt. Ltd.		10	97.65	976 .5				10
3M Micropore Tape 1530-S-1-5M 1's	3M India Ltd.		10	56	560				10
Surgicare Sterile	Kanam Latex		10	37.98	379 .8				10

Size (Nitric gloves)									
Dispovan Syringe 5ml	Hindustan Syringes & Medical Devices Ltd.			10	5.0 4	50. 4			10
Dynamic Top Cast Plaster of Paris Bandage 2.7M 15cm (4122- 005)	Dynamic Techno Medicals Pvt. Ltd.			10	141 .05	141 0.5			10

### Analysis and Interpretation:

RESULT:									
Current Scenario					Proposal				
Medicine Name	Medicine Brand	Medicine Salt	Quantity (IN R)	Current Rate (IN R)	Total Cost (IN R)	Proposed Medicine	Proposed Medicine Brand	Medicine Salt	Total Cost of Substitute
Ocid 20mg Capsule 15's	Cadila Health care Ltd.(Zydu s)	Omeprazole Sodium 20mg	500	37.9	18.9	OMEGATES 20mg Capsule 10's	Gates India Pvt. Ltd.	Omeprazole Sodium 20mg	23.45
Magadol Tablet	Alembic Phar	Diclofenac 50mg + Paracetamol	200	60	12.8	DICLO NIJ KP Tablet	Sunij Pharma Pvt.	Diclofenac 50mg + Paracetamol	12.88

	mace utical s Ltd.	500mg	0	0	10's	Ltd.	500mg		
Sinarest LP Tablet 10's	Centa ur Phar mace utical s Pvt. Ltd.	Levocetirizine 2.5mg + Paracetamol 500mg + Phenylephrine 10mg	1 5 0 0	1 8 .1 9	ALLER CET COLD Tablet 10's	Micro Labs Ltd.	Levocetirizine 2.5mg + Paracetamol 500mg + Phenylephrine 10mg	83 25 55.5	0
ACCU CHEK Active Glucose Monitor With 10 Strips	Roch e Diabe tes Care Gmb H			4 0 5 0	ACCU CHEK Active Test Strip 25's	Roche Diabe tes Care GmbH		749	44 94
Quadri de rm RF Cream 5gm	Fulfo rd India Ltd.	Beclomethason e Dipropionate 0.025% + Clotrimazole 0.01 + Neomycin 0.005	1 0	5 3 0	NUFOR CE gm Cream 15gm	Mankin d Pharma Pvt. Ltd.	Beclomethason e Dipropionate 0.025% + Clotrimazole 0.01 + Neomycin 0.005	36.3	36 3
AMLOP RES AT 25mg Tablet 15's	Cipla Ltd.	Amlodipine Besylate 5mg + Atemolol 25mg	2 0 0 0	8 6 6 0	TENOC HEK 25mg Tablet 10's	IPCA Laborat ories Ltd.	Amlodipine Besylate 5mg + Atemolol 25mg	42	84 00
ALTHR OCIN 500mg Tablet 10's	Alem bic Phar mace utical s Ltd.	Erythromycin 500mg	5 0 0	3 5 .1	ERYTH ROCIN 500mg Tablet 10's	Abbott Healthc are Solutio ns Pvt. Ltd.	Erythromycin 500mg	60.6 5	30 32 5
PIRITON CS Syrup 100ml	Glax osmit hklinc e Phar mace utical s Ltd.	Chlorphenirami ne 4 mg + Dextromethor phan 10mg	4 0	77 .6 5	CORIC UFF D Syrup 100ml	Fervent Life Science s Pvt. Ltd.	Chlorphenirami ne 4 mg + Dextromethor phan 10mg	52.5	21 00
CROCIN 650mg Tablet 15's	Glax osmit hklinc e Phar mace utical	Paracetamol 650mg	1 0 0	28 .0 5	ALGIN A 650mg Tablet 10's	Geno Pharma ceutical s Ltd.	Paracetamol 650mg	9.4	94 0

	s Ltd.								
FOLVIT E Tablet 45's	Pfizer Limited	Folic Acid 5mg	1 0	61 .7	6 1 6 .7	FOLID EN Tablet 10's	Fourrts India Laborat ories Pvt. Ltd.	Folic Acid 5mg	9.3 93
VOVER AN 75mg Injection 1ml	Vova rtis India Ltd.	Diclofenac Sodium 75gm	2 0	16 .9	3 3 9 .4	D GESIC 75mg Injectio n 1ml	Anthus Pharma ceutical s Pvt. Ltd.	Diclofenac Sodium 75gm	17.5 35 0
BETNES OL Tablet 20's	Glax osmit hklin e Phar maceutica ls Ltd.	Betamethasone 0.5mg	5 0	9. 5	4 7 5	BETNE LAN 0.5mg Tablet 20's	Glaxos mithkli ne Pharma ceutical s Ltd.	Betamethasone 0.5mg	8 40 0
DEXON A Injection 2ml	Cadil a Phar maceutica ls Ltd.	Dexamethasone 8mg	3 0	4. 38	1 3 1 .4	DECD AN Injectio n 2ml	Wockh ardt Ltd.	Dexamethasone 8mg	5.77 17 3.1
BETNES OL Injection 8*1ml	Glax osmit hklin e Phar maceutica ls Ltd.	Betamethasone 4mg	3 0	3. 72	1 1 1 .6	BETSO NE Injectio n 1ml	Medop harm Pvt. Ltd.	Betamethasone 4mg	42.9 12 87
CROCIN ADVAN CE 500mg Tablet 15's	Glax osmit hklin e Phar maceutica ls Ltd.	Paracetamol 500mg	1 5 0 0	13 .7 7	2 0 5 5	ACETO 500mg Tablet 10's	Shield Health Care Pvt. Ltd.	Paracetamol 500mg	8.7 13 05 0
LARIGO X Tablet 10's	Ms Glob us Reme dies Ltd.	Chlorzoxazone 250mg + Diclofenac 50mg + Paracetamol 325mg	4 0 0	0 55	2 2 0 0	ELAXI C Tablet 10's	Dwd Pharma ceutical s Ltd.	Chlorzoxazone 250mg + Diclofenac 50mg + Paracetamol 325mg	30.5 12 22 7 80
ABD 400mg	Frank lin	Albendazole 400mg	1 0	7. 83	7 8	WOMI BAN	Blue Cross	Albendazole 400mg	7.5 75

Tablet 1's	Pharma			.3	400mg Tablet	Laboratories Ltd.				
Omtec 20mg Capsule	Tech nica Lab Pvt. Ltd.	Omeprazole 20mg	33.4	9.15	30.56.1	Ocid 20mg Capsule	Zydus Cadila	Omeprazole 20mg	39.28	13.11.9.52
Procef 200mg Tablet	Talent Healt hcare	Cefpodoxine 200mg	10	18.3.37	18.3.7	Monoce f-O 200mg Tablet	Aristo Pharma ceutical s Pvt. Ltd.	Cefpodoxine 200mg	138	13.80
Mefac Spas Tablet	P&B Phar mace utical s Ltd.	Dicyclomine 10mg + Mefanamic Acid 250mg	2000	34	6800	Mefkin d-Spas Tablet	Mankin d Pharma Pvt. Ltd.	Dicyclomine 10mg + Mefanamic Acid 250mg	31.9	63.80.0
Paramol 500mg Tablet	Glen mark Phar maceuti cal s Ltd.	Paracetamol / Acetaminophen 500mg	2000	6	1200	Maliden s 500mg Tablet	Abbott Healthc are Solutio ns Pvt. Ltd.	Paracetamol / Acetaminophen 500mg	9.08	18.16
Stemetil 5mg Tablet MD	Abbo tt India Ltd.	Prochlorperazine 5mg	100	42	4200	Emikin d 5mg Tablet MD	Mankin d Pharma Pvt. Ltd.	Prochlorperazine 5mg	33.27	33.27
Macgel Suspension	Frank lin Labor atorie s Pvt. Ltd.	Magaldrate 5ml + Simethicone 5ml	2000	.5	4500	Ulgene Oral Gel	Intas Pharma ceutical s Ltd.	Magaldrate 5ml + Simethicone 5ml	18.75	37.50
Nimez 100mg Tablet	Kaize n Phar maceuti cal s Pvt. Ltd.	Nimesulide 100mg	3000	5.5	1650	Nimpre x 100mg Tablet	Seagull Pharma ceutical s Pvt. Ltd.	Nimesulide 100mg	16.3	48.90.0
Librium 10mg Tablet	Abbo tt	Chlordiazepoxide 10mg	10	.8	58.8	Librate 10mg Tablet	Talent India	Chlordiazepoxide 10mg	25.8	25.8
Antico Plus Tablet	Axyz en Life	Caffeine 30mg + Paracetamol / Acetaminophen	10	45	450	L Dio Plus Tablet	Unison Pharma ceutical	Caffeine 30mg + Paracetamol / Acetaminophen	32.9	32.9

	Scien ces	325gm + Levocetirizine 2.5mg + Phenylephrine 10 mg					s Pvt. Ltd.	325gm + Levocetirizine 2.5mg + Phenylephrine 10 mg		
ALCE 5mg Tablet	Dr. Alson Labor atorie s Pvt. Ltd.	Levocetirizine 5 mg	2 0	2. 5	5 0	Levosiz 5mg Tablet	Systopi c Laborat ories Pvt. Ltd.	Levocetirizine 5 mg	14.5	29 00
Tropine 0.6mg Injection	Neon Labor atorie s Ltd.	Atropine 0.6 mg	1 0	37 .4	3 7 4	Atropin e Sulphat e Injectio n	Samart h Life Science s Pvt. Ltd.	Atropine 0.6 mg	11.2 5	11 2.5
Digizyme Syrup Pineapple	Astra Labs		1 0	74	7 4 0	Enzofas t Syrup Pineapp le	Invisio n Medi Science s Pvt. Ltd.		55	55
Volini Spray	Sun Phar maceuti cal s Indus tries Ltd.		1 0	78	7 8 0	Combifl am Icy Hot Fast Pain Relief Spray	Sanofi India Ltd.		107	10 70
Moov Spray	Recki tt Benc hkise r		3 5	87 .5	3 0 6 2 .5	Omnige 1 Spray	Cipla Ltd.		92	92 0
Dynaplas t Bandage 10cm	Johns on & Johns on Ltd.		1 0	15 2	1 5 2 0	3M Crepe Bandag e 10cm	3M India Limite d		94	94
Gibson Medical Examinate ion Glove (Non- Sterile and Powdered )	Gibso n		1 0	30 8	3 0 8 0	Smart Care Disposa ble Polythe ne Examin ation Gloves	Saify Healthc are and Medi Device s India Pvt. Ltd.		230	23 00

Digital Thermometer Flexi Tip (Eq-Dt 61)'s	Equinox Overseas Pvt. Ltd.			19	1 9 3 7 1 0	Thermometer Pencil Type	Omron Healthcare Co. Ltd.		175	17 50
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## SUBSTITUTE MEDICINES:

Current Scenario					Proposal					
Medicine Name	Medicine Brand	Medicine Salt	Quantity (INR)	Current Rate (INR)	Total Cost	Proposed Medicine	Proposed Medicine Brand	Medicine Salt	Proposed Medicine Rate (INR)	Total Cost of Substitute
Ocid 20mg Capsule 15's	Cadila Health care Ltd.(Zydus)	Omeprazole Sodium 20mg	500	37.90	18.95	OME GAT ES 20mg Capsule 10's	Gates India Pvt. Ltd.	Omeprazole Sodium 20mg	23.45	117.25
Magadol Tablet	Alembic Pharmaceuticals Ltd.	Diclofenac 50mg + Paracetamol 500mg	200	3.00	6.00	DIC LON IJ KP Tablet 10's	Sunil Pharma Pvt. Ltd.	Diclofenac 50mg + Paracetamol 500mg	1.288	257.6
Sinarest LP Tablet 10's	Centaur Pharmaceuticals Pvt. Ltd.	Levocetirizine 2.5mg + Paracetamol 500mg + Phenylephrine 10mg	150	79.80	18.75	ALL ERC ET COL D Tablet 10's	Micro Labs Ltd.	Levocetirizine 2.5mg + Paracetamol 500mg + Phenylephrine 10mg	55.5	832.50
Quadriderm RF Cream 5gm	Fulford India Ltd.	Beclomethasone Dipropionate 0.025% + Clotrimazole 0.01 + Neomycin 0.005	10	53.0	5.30	NUF ORC E gm Crem 15gm	Mankind Pharma Pvt. Ltd.	Beclomethasone Dipropionate 0.025% + Clotrimazole 0.01 + Neomycin 0.005	36.3	363
AML OPRE S AT 25mg Tablet	Cipla Ltd.	Amlodipine Besylate 5mg + Atemolol 25mg	20	4.30	8.60	TEN OCH EK 25mg Table	IPCA Laboratorie s Ltd.	Amlodipine Besylate 5mg + Atemolol 25mg	42	840.00

15's					t 10's				
ALTH ROCI N 500m g Tablet 10's	Alem bic Phar mace utical s Ltd.	Erythromycin 500mg	5 0 0	70. 1 0	3 5 0 5 0	ERY THR OCI N 500m g Table t 10's	Abbot t Healt hcare Soluti ons Pvt. Ltd.	Erythromycin 500mg	303 60.65 25
PIRIT ON CS Syrup 100ml	Glaxo smith kline Phar mace utical s Ltd.	Chlorphenirami ne 4 mg + Dextromethorp han 10mg	4 0	77. 65	3 1 0 6 1	COR ICUF F D Syru p 100m g	Ferve nt Life Scien ces Pvt. Ltd.	Chlorphenirami ne 4 mg + Dextromethorp han 10mg	210 52.5 0
CROC IN 650m g Tablet 15's	Glaxo smith kline Phar mace utical s Ltd.	Paracetamol 650mg	1 0 0	28. 05	2 8 0 5	ALG INA 650m g Table t 10's	Geno Phar mace utical s Ltd.	Paracetamol 650mg	9.4 940
BETN ESOL Tablet 20's	Glaxo smith kline Phar mace utical s Ltd.	Betamethasone 0.5mg	5 0	9.5	4 7 5	BET NEL AN 0.5m g Table t 20's	Glaxo smith kline Phar mace utical s Ltd.	Betamethasone 0.5mg	8 400
CROC IN ADV ANCE 500m g Tablet 15's	Glaxo smith kline Phar mace utical s Ltd.	Paracetamol 500mg	1 5 0 0	13. 77	2 0 5 5	ACE TO 500m g Table t 10's	Shiel d Healt h Care Pvt. Ltd.	Paracetamol 500mg	130 8.7 50
LARI GOX Tablet 10's	Ms Globu s Reme dies Ltd.	Chlorzoxazone 250mg + Diclofenac 50mg + Paracetamol 325mg	4 0 0 0	55	2 2 0 0	ELA XIC Table t 10's	Dwd Phar mace utical s Ltd.	Chlorzoxazone 250mg + Diclofenac 50mg + Paracetamol 325mg	122 30.57 280
ABD 400m g Tablet 1's	Frank lin Phar ma	Albendazole 400mg	1 0	7.8 3	7 8 .3 3	WO MIB AN 400m g Table	Blue Cross Labor atorie s Ltd.	Albendazole 400mg	7.5 75

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Omtec 20mg Capsule	Technica Lab Pvt. Ltd.	Omeprazole 20mg		3 3 4	3 9.1 5	Ocid 20mg Caps ule	Zydus Cadila Omeprazole 20mg		130 9.2 8	
Stemetil 5mg Tablet MD	Abbott India Ltd.	Prochlorperazine 5mg		1 0 0	4 2 42	Emik ind 5mg Table t MD	Mank ind Phar ma Pvt. Ltd.	Prochlorperazine 5mg	332 33.27 7	
Macge 1 Suspension	Franklin Laboratory s Pvt. Ltd.	Magaldrate 5ml + Simethicone 5ml	2 0 0	22. 0 5	4 5 0	Ulge ne Oral Gel	Intas Pharmaceuticals Ltd.	Magaldrate 5ml + Simethicone 5ml	18.75 375 0	
Librium 10mg Tablet	Abbott	Chlordiazepoxide 10mg	1 0	58. 8	5 8	Librate 10mg Tablet	Talent India	Chlordiazepoxide 10mg	25.8 258	
Antico Plus Tablet	Axyz en Life Scien ces	Caffeine 30mg + Paracetamol / Acetaminophen 325gm + Levocetirizine 2.5mg + Phenylephrine 10 mg	1 0	45	4 5 0	L Dio Plus Table t	Uniso n Pharmaceuticals Ltd.	Caffeine 30mg + Paracetamol / Acetaminophen 325gm + Levocetirizine 2.5mg + Phenylephrine 10 mg	32.9 329	
ALCE 5mg Tablet	Dr. Alson Laboratory s Pvt. Ltd.	Levocetirizine 5 mg	2 0 0	2.5	5 0 0	Levo siz 5mg Table t	Systopic Laboratory s Pvt. Ltd.	Levocetirizine 5 mg	1.45 290	
Tropine 0.6mg Injection	Neon Laboratory s Ltd.	Atropine 0.6 mg	1 0	37. 4	3 7 4	Atro pine Sulphate Inject ion	Samarth Life Sciences Pvt. Ltd.	Atropine 0.6 mg	11.25 112 .5	
Total					4 4 8 7 9				360 459 .8	

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Total Saving cost by using Substitute Medicines																			88337.62
Total Saving cost by using Substitute Medicines ( In Percentage )																			19.68318

## Conclusion:

50 Medicines have no alternative medicines with same medicine salt. 24 Medicines have alternative medicines with same salt. Substitute Medicines costs 19.68 % less than the Current Medicines used. For Duplicate Invoices and Vendor Reconciliation Company have aligned with the vendors and got 100% Results.

## References:

1. Bright, P. S. 2000. India's alternative therapies: the cure of modern times. Junior Science Refresher, November: 20-27.
2. Stock Jon. 2002. Ayurveda goes global. The Week, July 28: 16-27.
3. Tewari, V. P. 2002. Uttaranchal ki paramparik chikitsa paddhati: tau-dam (in Hindi). In press.
4. 2002. The healing touch..... The Times of India, Delhi Times "Health and Fitness".
5. Varupi Jain. 2001. Fast forward to the past. The Saturday Statesman "Life Style", October 20: 2.
6. Shah, N. C. and M. C. Joshi. 1971. An ethnobotanical study of Kumaun region of India. Economic Botany, 25(4): 414-422.