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SUPPLEMENTARY MATERIAL

Cost impact of culture reversion in extensively drug-resistant tuberculosis in Pakistan: a multi-center retrospective study

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Supplementary Table 1. Unit price in USD\$ of all anti-tuberculosis drugs used among extensively drug-resistant tuberculosis patients.

Product Name	Unit Price
Ethambutol 100mg	0.223000005
Isoniazid 100mg dispersible	0.099100001
Isoniazid 300mg	0.017113095
Levofloxacin 250mg	0.030200001
RH (150+75) mg	0.043497022
RH (75+50) mg	0.0525
RHZ* (75+50+150) mg	0.074761905
RHZE (150+75+400+275) mg	0.096235119
Rifampicin BP 150mg Capsule	0.1285
Rifapentine 150mg	0.643750012
Rifapentine 300mg + INH 300mg	0.395833343
Amikacin 500mg	0.572000027
Bedaquiline 100mg	1.808510661
Bedaquiline 20mg dispersible	0.4255
Clofazimine 100mg	0.808000028
Clofazimine 50mg dispersible	0.404
Cycloserine 250mg	0.25
Delamanid 25mg Dispersible Tab	1.770833333
E-Tab 100mg dispersible	0.2005
E-Tab 400mg	0.038690476
Ethionamide 125mg dispersible	0.133
Ethionamide 250mg	0.089199997
Levofloxacin 250mg (SL)	0.0275
Levofloxacin 100mg dispersible	0.1241
Levofloxacin 500mg	0.045299999
Linezolid 150mg dispersible	0.2727
Linezolid 600mg	0.1703
Moxifloxacin 400mg	0.27700001
Pas Sodium Sachet 5.52gm	1.32
Pretomanid (200mg)	1.318846154
Pyrazinamide	0.019806548
Pyrazinamide 150mg dispersible	0.149399996
Pyrazinamide 400mg	0.012
Claritek	75
Augmentin	55
Vitamin B6	0.429

*RHZE, rifampicin, isoniazid, pyrazinamide, ethionamide.

Supplementary Table 2. Cost of drugs above 24 months of treatment.

Sr.no	No.	Days above 24 months of treatment	Drugs for intensive phase	Price of drugs according to days above normal treatment	9+9-total price of above days treatment
1.	4	159 days	Mfx,Eto,Cs,Z,Pas,Aug,Klr,Cfz,B6	44.043,14.1669,39.75,3.1482,439.63,31.164,,42.612,57.24,6.8211	678.572
2.	5	100 days	Lfx,Eto,Cs,Z,B6,Pas	4.5,8.9,25,1.98,4.29,276.5	321.17
3.	24	2 days	Eto,Cs,Lfx,Pas,Z	0.178,0.5,0.09,5.53,0.038	0.806
4.	27	300 days	Lfx,Cs,Eto,Pas,Z,Aug,Lzd,Klari	13.5,75,26.7,829.5,58.8,51.09,93	1147.6
5.	31	29 days	Lfx,Eto,CS,Z,Pas,Aug,Lin	1.305,2.581,7.25,0.5742,80.185,5.684,4.9561	102.54
6.	33	300 days	Eto,Cs,Pas,Z,Lfx,Aug,Klari,Lzd	26.7,25,829.5,5.94,13.5,58.8,93,51.09	1103.53
7.	34	137 days	Lfx,Cs,Eto,Pas,Z,Aug,Lin,Klari	6.165,34.25,12.193,378.80,2.7126,26.85,23.3311,42.47	526.772
8.	59	96 days	Lfx,Cs,Pas,Z,E,Lzd,Cfz,B6	4.32,24,265.44,1.90,21.408,16.35,77.568,4.118	415.104
9.	114	62 days	Eto,CS,MFX,Z,PAS,CFZ,LZD,AUG,CLR,B6	5.5242,15.5,17.174,122.76,171.43,50.096,10.5586,12.152,15.748,2.6598	423.6026
10.	115	55 days	Eto,CS,MFX,Z,PAS,CFZ,LZD,AUG,CLR,B6	4.9005,13.75,15.235,1.089,152.075,44.44,9.3665,10.78,13.97,22.1595	287.7655
11.	117	13 days	ETO,CS,MFX,Z,PAS,B6	1.1583,3.25,3.601,0.2574,35.945,0.5577	44.7694
12.	123	236 days	MFX,Eto,Cs,Z,Pas,Aug,B6,E,LIN	65.372,59,21.0276,652.54,4.6728,46.256,10.1244,52.628,40.1908	951.8096
13.	148	247 days	Z,MFX,ETO,CS,KLR,LNZ,PAS,B6	4.8906,68.419,22.0077,61.75,66.196,42.0641,682.955,10.5963	958.8787
14.	151	99 days	Z,LFX,ETO,CS,PAS,B6,LIN,KLR	19.602,2.7225,8.8209,24.75,273.735,4.2471,16.8597,26.532	377.2748
15.	155	216 days	Z,LFX,ETO,CS,PAS,B6	4.2768,5.94,19.2456,54,597.24,9.2664	689.9688
16.	161	347 days	Z,LFX,ETO,CS,PAS,B6,LIN,AUG	6.8706,9.5425,30.9177,86.75,959.455,14.8863,59.0941,68.012	1234.8082
17.	175	40 days	H, Z, MFX, ETO, CS, B6, LNz, AUG	0.688,0.792,11.08,6.812,3.56,10,1.716,7.84	42.48
18.	185	16days	Z, LFX, ETO, CS, B6, PAS, AUG	0.3168,0.723,1.425,0.6864,4,44.24,3.136	54.48
19.	198	154days	ETO, CS, MFX, Z,CFX,LZD,AMX/CLV,CLR,PAS,B6	13.72,38.5,42.65,3.04,124.43,26.2,6.46,425.8,39.11,30.18	750.09
20.	199	93days	ETO, CS, MFX, Z, PAS, CFZ, LZD, AMX/CLV, CLR, B6	8.28,23.25,25.76,1.84,75.14,15.81,18.22,257.14,23.62,3.906	452.96
21.	227	28days	Z, LFX, ETO, CS, B6, PAS, LZD, CLR	0.5544,1.26,2.49,7,4.76,7.112,77.42,1.17	101.76
22.	231	66days	Z, MFX, ETO, CS, B6, PAS, LZD, AMX	1.306,18.28,5.88,16.5,11.22,2.77,182.49,12.93	251.37
23.	236	34days	Z, MFX, ETO	0.67,9.41,3.02	13.1
24.	279	38 days	MFX, ETO, CS, PAS, Coamoxi, CLR, LZD, Z, B6	10.526, 3.3858, 9.5, 105.07, 7.448, 9.652, 6.4714, 0.7524, 1.6302	154.4358
25.	281	83 days	ETO, CS, MFX, PAS, CFX, LZD, Coamoxi, CLR, Z	7.3308, 20.5, 22.714, 226.73, 13.9646, 16.072, 20.828, 1.6236, 582.2	911.963
26.	284	54 days	ETO, CS, MFX, PAS, CFZ, LZD, Coamoxi, CLR, Z	4.8114, 13.5, 14.958, 149.31, 43.632, 9.1962, 16.584, 13.716, 1.0692	266.7768
27.	358	25 days	MFX, CS, ETO, Z, B6, PAS, LZD, CLR, Coamoxi, CFZ	6.925, 6.25, 2.2275, 0.495, 1.0725, 69.125, 4.2575, 6.35, 4.9, 20.2	121.8025
28.	361	124 days	MFX, CS, ETO, Z, B6, PAS	34.348, 31, 11.0484, 2.4552, 342.86, 5.3196	427.0312
29.	370	69 days	MFX, CS, Eto, Z, B6, PAS,Amx/clv, LZD	19.113+17.25+6.1476+1.3662+2.9601+190.785+1.3524+11.7507	250.725
30.	373	28days	MFX, CS, Eto, Z, B6, PAS,Amx/clv,ClrLzd,Cfz	7.756+7+2.4948+0.5544+12.012+77.42+5.488+7.112+4.7684+22.624	147.2296

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31.	374	882 days	MFx, Cs, Eto, B6, Amx/clv,Cfz,Lzd,PAS	244.314+220.5+78.5862+37.8378+172.872+712.656+150.2046+2438.73	4055.7006
32.	396	418 days	Z, Mfx, Eto, Cs, B6, lzd, cfx	8.2764+115.786+37.2438+104.5+17.9322+71.1854+337.744	692.6678
33.	399	186 days	Cs, Eto, Mfx, PAS, z, E, B6, Clr, Lzd	46.5+16.5726+51.522+514.29+3.6828+41.478+7.9794+47.244+31.6758	760.9446
34.	412	388 days	MFx,Eto,Cs,PAS,Amx/clv,clr,cfz,lzd,z,b6	107.476+34.5708+97+1072.82+76.048+98.552+313.504+66.0764+7.6824+16.6452	1390.3744
35.	413	115 days	MFx,Eto,Cs,PAS,Amx/clv,clr,cfz	31.855+10.2465+28.75+317.975+22.54+29.21+92.92	533.4965
36.	420	152 days	LFX,Eto,Cs,amx/clv,lzd,z,B6	6.8856+13.5432+38+29.792+25.8856+3.0096+6.5208	123.6368
37.	426	271 days	Z, MFx, CS,Eto,PAS,B6,Clr,cfz,amx	5.3658+75.007+67.75+24.1461+749.315+11.6259+68.834+218.968+53.16	1274.1878
38.	427	165 days	Mfx E,Eto, Cs,Z,PAS,Lzd,Cfx,B6	45.705+36.795+14.7015+41.25+3.267+456.225+28.0995+133.32+7.0785	766.4415
39.	452	274 days	ETO, CS, MFx, PAS, Clf, LZD, Clr, (amx)	24.4134+68.5+75.898+757.61+221.39200822+46.6622+69.596+53.704	1317.775608
40.	470	6 days	Eto, Cs, Mfx, Z,PAS,Cfz,aug,Clr,Lz,B6	1.662+0.5346+1.5+0.188+1.176+1.524+16.59+0.2574	23.3128
41.	477	677 days	Mfx,E,Eto,Cs,Z,PAS,LZD,CFZ,B6	187.529+150.971+60.3207+13.4046+1871.905+115.2931+29.0433+547.016	3144.7327
42.	499	151 days	Cs,Eto,Lfx,z,PAS,Clr,Aug,B6	37.75+13.4541+6.340299849+2.9898+417.515+38.354+6.4779+29.596	481.9429
43.	514	19 days	Eto, Cs, Mfx, Z, PAS, Cfz, aug, Clr, Lz, B6	1.6929+4.75+5.263+0.3762+52.538+15.352+3.724+4.826	88.5191
44.	515	16 days	Eto, Cs, Mfx, Z,E,PAS,Cfz,Aug,Clr,Lz,B6	1.4256+4+4.432+0.3168+3.568+44.24+12.928+3.136+4.064+2.7248+0.6864	81.5216
45.	542	95 days	Eto, Cs, Lfx,Z,PAS,Aug,Clr,B6	8.1081+22.75+4.1223+1.8018+251.615+17.836+23.114+3.9039	333.2511
46.	546	8 days	Cs,Eto,Lfx,Z,Aug,Clr,Cfx,Mfx,B6	2+0.7128+0.3624+0.1584+1.568+2.032+6.464+2.216+0.3432	15.8568

AMX/CLV, amoxicillin with clavulanate; AUG, amoxicillin with clavulanate; B6, pyridoxine (vitamin B6); CFX, ciprofloxacin; CFZ, clofazimine; CLR, clarithromycin; CS, cycloserine; E, ethambutol; ETO, ethionamide; H, isoniazid; KLR, clarithromycin; LFX, levofloxacin; LIN, linezolid; LNZ, linezolid; LZD, linezolid; MFx, moxifloxacin; PAS, para-aminosalicylic acid; Z, pyrazinamide.