

ONLINE APPENDIX
Potential cost savings attributable to the generic substitution of antidepressants

Substance (strength)	2004			2005			2006		
	Innovator n; (Mean ± SD)	Generic n; (Mean ± SD)	Potential saving (R)	Innovator n; (Mean ± SD)	Generic n; (Mean ± SD)	Potential saving (R)	Innovator n; (Mean ± SD)	Generic n; (Mean ± SD)	Potential saving (R)
Tricyclic antidepressants									
Amitriptyline (10 mg)	2 (52.66±35.86)	8 487 (35.12±20.95)	R 35.08	-	4 869 (30.81±21.17)	R 0.00	-	2 634 (34.27±18.98)	R 0.00
Amitriptyline (25 mg)	448 (163.46±117.18)	18 628 (57.87±43.80)	R 47 304.32	210 (97.08±103.85)	11 459 (37.01±22.58)	R 12 614.70	89 (88.29±81.82)	6 866 (35.62±20.92)	R 4 687.63
Amitriptyline ER (25 mg)	11 (196.93±48.92)	-	R 0.00	-	-	R 0.00	-	-	R 0.00
Amitriptyline ER (50 mg)	2 (271.21±0.00)	-	R 0.00	-	-	R 0.00	-	-	R 0.00
Amitriptyline/Chlordiazepoxide (12.5 mg/5 mg)	141 (170.01±92.48)	-	R 0.00	87 (176.16±71.16)	-	R 0.00	67 (145.72±36.14)	-	R 0.00
Clomipramine (10 mg)	230 (108.53±60.86)	96 (86.62±38.50)	R 5 039.30	119 (113.01±77.81)	29 (75.50±31.42)	R 4 463.69	28 (125.69±56.59)	16 (76.93±20.43)	R 1 365.28
Clomipramine (25 mg)	567 (268.42±225.02)	364 (192.29±174.34)	R 43 165.71	240 (256.70±235.40)	197 (189.81±166.50)	R 16 053.60	130 (314.74±201.67)	76 (268.70±175.62)	R 5 985.20
Clomipramine injection (25 mg)	1 (124.28±0.00)	-	R 0.00	-	-	R 0.00	-	-	R 0.00
Clomipramine SR (75 mg)	444 (521.96±289.89)	-	R 0.00	124 (687.70±319.36)	-	R 0.00	27 (976.37±412.67)	-	R 0.00
Dothiepin (25 mg)	586 (129.22±83.10)	1 537 (68.78±41.92)	R 35 417.84	185 (105.72±43.73)	476 (59.75±29.11)	R 8 504.45	40 (115.10±49.33)	175 (75.82±50.89)	R 1 571.20
Dothiepin (75 mg)	373 (184.41±74.52)	1 894 (134.26±55.37)	R 18 705.95	114 (128.82±29.61)	718 (113.78±43.05)	R 1 714.56	42 (149.18±65.07)	146 (138.32±45.61)	R 456.12
Imipramine (10 mg)	784 (73.40±52.40)	552 (31.52±20.75)	R 32 833.92	301 (46.09±24.66)	550 (35.28±27.14)	R 3 253.81	92 (42.44±25.21)	418 (33.30±23.13)	R 840.88
Imipramine (25 mg)	1 331 (136.71±90.62)	2 374 (54.69±40.89)	R 109 168.62	485 (95.08±53.71)	1640 (53.43±38.95)	R 20 200.25	138 (81.69±48.21)	826 (51.43±39.95)	R 4 175.88
Lofepamine (70 mg)	495 (346.79±184.54)	-	R 0.00	231 (362.44±166.60)	-	R 0.00	107 (437.29±172.23)	-	R 0.00
Trimipramine (25 mg)	-	651 (149.45±83.46)	R 0.00	-	229 (141.42±68.55)	R 0.00	-	132 (178.35±92.15)	R 0.00
Trimipramine (50 mg)	180 (358.66±161.18)	1 039 (256.42±121.24)	R 18 403.20	67 (198.45±60.26)	437 (234.42±98.22)	R 0.00	58 (188.54±33.10)	238 (253.80±134.37)	R 0.00
Amitriptyline/Perphenazine (10 mg/4 mg)	3 (456.57±157.47)	-	R 0.00	1 (194.99±0.00)	-	R 0.00	-	-	R 0.00
Amitriptyline/Perphenazine (25 mg/4 mg)	3 (337.80±91.98)	-	R 0.00	-	-	R 0.00	-	-	R 0.00
Amitriptyline/Perphenazine (10 mg/2 mg)	1 (256.69±0.00)	-	R 0.00	-	-	R 0.00	-	-	R 0.00
Amitriptyline/Perphenazine (25 mg/2 mg)	3 (314.69±257.80)	-	R 0.00	-	-	R 0.00	-	-	R 0.00
Non-Tricyclic antidepressants									
Maprotiline (25 mg)	207 (303.93±150.19)	-	R 0.00	58 (254.35±84.05)	-	R 0.00	1 (324.58±0.00)	-	R 0.00
Maprotiline (75 mg)	120 (414.89±145.65)	-	R 0.00	34 (403.98±63.29)	-	R 0.00	9 (456.15±0.00)	-	R 0.00
Mianserin (10 mg)	822 (124.30±69.40)	-	R 0.00	246 (115.69±73.07)	-	R 0.00	59 (139.38±75.29)	-	R 0.00
Mianserin (30 mg)	1 364 (315.93±182.09)	-	R 0.00	261 (260.74±157.70)	-	R 0.00	75 (331.25±249.23)	-	R 0.00
Non-selective mono-amine oxidase inhibitors									
Tranylcypromine (10 mg)	78 (151.48±66.13)	-	R 0.00	35 (148.80±63.26)	-	R 0.00	-	-	R 0.00
Selective mono-amine oxidase inhibitors									
Moclobemide (150 mg)	177 (349.18±192.83)	1 314 (239.75±91.39)	19 369.11	67 (304.67±125.35)	371 (198.91±73.23)	R 7 085.92	28 (320.57±116.04)	171 (206.56±72.97)	R 3 192.28
Moclobemide (300 mg)	104 (377.04±219.89)	352 (260.31±75.80)	12 139.92	7 (283.05±214.83)	92 (224.55±58.16)	R 409.50	19 (786.85±382.45)	60 (206.31±64.41)	R 11 030.26
Selective serotonin re-uptake inhibitors									
Citalopram (20 mg)	6 221 (319.80±146.49)	21 826 (201.91±82.75)	R 733 393.69	2 605 (262.02±150.39)	10 183 (121.03±49.48)	R 367 278.95	867 (317.13±215.31)	4 871 (78.36±19.07)	R 207 013.99
Citalopram (40 mg)	-	2 (93.98±0.00)	R 0.00	-	-	R 0.00	-	-	R 0.00
Escitalopram (10 mg)	3 372 (245.98±76.30)	-	R 0.00	5 273 (247.93±82.18)	-	R 0.00	1 668 (299.68±120.89)	-	R 0.00
Fluoxetine (20 mg)	619 (370.52±232.17)	28 698 (87.07±56.67)	R 175 455.55	321 (407.96±261.85)	13 585 (50.79±35.33)	R 114 651.57	137 (585.48±583.40)	6 936 (50.91±32.91)	R 73 236.09
Fluoxetine (20 mg/5 mL)	45 (341.47±127.38)	-	R 0.00	69 (380.85±205.57)	-	R 0.00	45 (425.07±243.39)	-	R 0.00
Fluoxetine SI (40 mg)	135 (576.25±155.72)	247 (187.13±68.44)	R 52 531.20	11 (446.61±301.67)	89 (139.94±20.39)	R 3 373.37	6 (274.65±251.72)	16 (119.29±41.50)	R 932.16
Fluoxetine SI (60 mg)	38 (1014.91±345.27)	-	R 0.00	36 (938.75±311.58)	-	R 0.00	1 (1279.02±0.00)	-	R 0.00
Paroxetine CR (12.5 mg)	-	-	R 0.00	-	-	R 0.00	152 (210.90± 33.14)	-	R 0.00
Paroxetine (20 mg)	15 802 (346.30±132.09)	-	R 0.00	7 374 (300.14±106.99)	752 (170.15±75.03)	R 958 546.26	1 192 (245.79±176.28)	4 090 (134.90±98.23)	R 132 180.88
Paroxetine CR (25 mg)	-	-	R 0.00	-	-	R 0.00	88 (273.95 ± 22.66)	-	R 0.00
Paroxetine (30 mg)	398 (334.35±54.69)	-	R 0.00	212 (365.85±139.10)	-	R 0.00	91 (452.29±215.13)	37 (269.81±34.79)	R 16 605.68
Paroxetine (40 mg)	-	-	R 0.00	-	-	R 0.00	-	4 (160.56±65.71)	R 0.00
Fluvoxamine (100 mg)	2 577 (375.36±198.34)	-	R 0.00	620 (450.26±211.77)	13 (251.44±75.48)	R 123 268.40	398 (478.96±195.53)	19 (282.97±85.73)	R 78 004.02
Sertraline (50 mg)	6 531 (368.06±157.07)	856 (269.99±111.52)	R 640 495.17	2 582 (278.67±107.06)	1 050 (209.16±72.33)	R 179 474.82	1 071 (245.98±91.10)	1 131 (223.72±54.19)	R 23 840.46
Sertraline (100 mg)	-	-	R 0.00	58 (263.00±54.43)	26 (424.85±172.03)	R 0.00	18 (304.17±122.12)	7 (359.02±80.58)	R 0.00
Serotonin and noradrenaline re-uptake inhibitors									
Duloxetine (30 mg)	9 (351.39±0.00)	-	R 0.00	348 (383.81±167.40)	-	R 0.00	513 (470.93±141.27)	-	R 0.00
Duloxetine (60 mg)	78 (341.44±51.20)	-	R 0.00	1 366 (418.97±134.04)	-	R 0.00	1 275 (488.56±139.57)	-	R 0.00
Venlafaxine (37.5 mg)	1 185 (315.44±152.83)	-	R 0.00	62 (277.59±95.53)	-	R 0.00	2 (148.08±127.03)	-	R 0.00
Venlafaxine (50 mg)	2 (275.08±70.13)	-	R 0.00	1 (126.05±0.00)	-	R 0.00	-	-	R 0.00
Venlafaxine (75 mg)	134 (471.48±193.26)	-	R 0.00	129 (441.43±163.85)	-	R 0.00	61 (474.27±38.52)	-	R 0.00
Venlafaxine XR (37.5 mg)	-	-	R 0.00	-	-	R 0.00	-	18 (151.15±32.30)	R 0.00
Venlafaxine XR (75 mg)	5 086 (444.64±161.37)	-	R 0.00	4 482 (416.38±144.34)	-	R 0.00	2 858 (434.87±132.74)	295 (283.32±106.89)	R 433 129.90
Venlafaxine XR (150 mg)	2 070 (828.10±295.25)	-	R 0.00	1 490 (742.40±246.72)	-	R 0.00	967 (827.37±182.50)	115 (409.90±171.92)	R 403 693.49
Lithium									
Lithium (250 mg)	696 (240.26 ± 126.98)	-	R 0.00	347 (206.58 ± 102.84)	-	R 0.00	153 (232.49 ± 120.37)	-	R 0.00
Lithium (400 mg)	12 11 (184.14±84.58)	-	R 0.00	580 (108.39±74.95)	-	R 0.00	321 (209.96±77.47)	-	R 0.00
Lithium (450 mg)	142 (158.09±68.63)	-	R 0.00	129 (170.48±80.91)	-	R 0.00	49 (235.32±87.43)	-	R 0.00
Others									

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Bupropion (150 mg)	861 (144.24±110.13)	-	R 0.00	905 (212.09±86.85)	-	R 0.00	606 (231.80±97.66)	-	R 0.00
Flupenthixol (0.25 mg)	395 (241.01±148.56)	-	R 0.00	122 (231.23±142.75)	-	R 0.00	32 (205.13±72.71)	-	R 0.00
Flupenthixol (0.5 mg)	779 (259.90±147.83)	-	R 0.00	221 (239.18±163.28)	-	R 0.00	107 (278.00±157.58)	-	R 0.00
Flupenthixol (1 mg)	767 (379.30±201.01)	-	R 0.00	238 (371.53±188.54)	-	R 0.00	114 (357.05±144.42)	-	R 0.00
Fluphenazine/Nortriptyline (0.5/10 mg)	650 (101.39±48.00)	-	R 0.00	441 (106.00±50.82)	-	R 0.00	269 (110.60±47.28)	-	R 0.00
Mirtazapine (15 mg)	745 (316.28±99.12)	-	R 0.00	532 (290.95±129.02)	-	R 0.00	249 (359.61±139.15)	-	R 0.00
Mirtazapine (30 mg)	1 413 (535.87±233.10)	-	R 0.00	893 (457.23±204.63)	-	R 0.00	407 (576.85±232.79)	-	R 0.00
Nefazodone (100 mg)	5 (279.82±89.91)	-	R 0.00	-	-	R 0.00	-	-	R 0.00
Nefazodone (200 mg)	27 (433.15±136.48)	-	R 0.00	-	-	R 0.00	-	-	R 0.00
Reboxetine (4 mg)	203 (376.96±174.40)	-	R 0.00	103 (287.66±101.38)	-	R 0.00	35 (292.12±130.25)	-	R 0.00
Sulpiride (25 mg/5 mL)	130 (125.88±108.13)	-	R 0.00	90 (116.38±57.14)	-	R 0.00	75 (98.36±44.80)	-	R 0.00
Sulpiride (50 mg)	1 199 (145.79±100.92)	4 522 (111.83±79.97)	R 40 718.04	465 (113.18±73.74)	2 665 (82.79±54.67)	R 14 131.35	205 (120.41±85.55)	1 275 (93.47±57.63)	R 5 522.70
Sulpiride (100 mg/2 mL)	18 (65.19±180.80)	-	R 0.00	24 (20.98±2.42)	-	R 0.00	18 (27.64±14.22)	-	R 0.00
Sulpiride (200 mg)	290 (304.58±140.11)	-	R 0.00	194 (276.18±106.12)	-	R 0.00	91 (322.67±92.40)	-	R 0.00
Trazodone (50 mg)	1 200 (276.17±141.49)	-	R 0.00	1 188 (239.06±116.78)	-	R 0.00	1 075 (247.88±110.59)	-	R 0.00
Trazodone (100 mg)	863 (590.83±295.97)	-	R 0.00	708 (481.41±247.54)	-	R 0.00	501 (525.49±260.73)	-	R 0.00
Total potential savings			R 1 984 176.62			R 1 835 025.20			R 1 407 463.70