

Treatment patterns and appropriateness of antipsychotic prescriptions in patients with schizophrenia

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SUPPLEMENTARY INFORMATION

Supplementary Table S1 Psychiatric comorbidities and corresponding CIE-9 codes

COMORBIDITY	CIE-9
Depression	296.2, 296.3, 296.5, 296.9, 300.4, 301.12
Dementia	290, 294, 330, 331
Epilepsy	345, 780.3, 780.33
Parkinson´s disease	332
Anxiety	300
Alcohol abuse/dependence	E860.0, 305.0, 571.0, 571.1, 571.2, 571.3, 357.5, 425.5, V11.3, 291, 303
Drug abuse/dependence	305.2, 305.3, 305.4, 305.5, 305.6, 305.7, 305.8, 305.9, 648.3, 292, 304
Personality disorders	301
Sleep disorders	347, 327, 307.4, 327.0, 327.2, 780.5
Delirium	293, 290.3, 291.0, 290.11, 290.41, 292.81
Other mental disorders	Other psychosis (297, 298, 299, 290.8, 290.9, 780.1), bipolar disorder (296.0, 296.1, 296.4, 296.5, 296.6, 296.7, 296.8, 296.99) , sexual and gender identity disorder (302.x), acute stress reaction (308.1, 308.2, 308.3, 308.4, 308.9)

Supplementary Table S2 Concomitant treatment

CONCOMITANT TREATMENT	ATC
Antidepressants	N06AA, N06AB, N06AG, N06AX
Anxiolytics	N05BA, N05BB, N05BE, N05BX
Hypnotics and sedatives	N05C
Anti-dementia drugs	N06DA, N06DX
Mood stabilisers	N03AA, N03AE, N03AB, N03AF01, N03AF02, N03AX09, N03AX11, N03AX12
Antiepileptic drugs	N03A
Lithium	N05AN
Antiparkinson drugs	N04AA, N04BA, N04BC, N04BD, N04BX

Supplementary Table S3 Most frequent combinations of antipsychotic and psychotropic drugs

	New users n= 8,141 (41.3%)			Prevalent users n=11,577 (58.7%)		
	16-40 years	>=41 years	Total	16-40 years	>=41 years	Total
≥ 2 Antipsychotics	1,230 (27.2)	918 (25.4)	2,148 (26.4)	1,956 (33.9)	1,899 (32.7)	3,855 (33.3)
+ 1 psychotropic drug	630(13.9)	508(14.0)	1,138(14.0)	1,098(19.0)	1,049(18.1)	2,147(18.5)
+ 2 psychotropic drugs	245(5.4)	219(6.1)	464(5.7)	438(7.6)	412(7.1)	850(7.3)
+ 3 psychotropic drugs	66(1.5)	76(2.1)	142(1.7)	117(2.0)	121(2.1)	238(2.1)
≥ 3 Antipsychotics	256 (5.7)	193 (5.3)	449 (5.5)	451 (7.8)	441 (7.6)	892 (7.7)
+ 1 psychotropic drug	133(2.9)	113(3.1)	246(3.0)	283(4.9)	273(4.7)	556(4.8)
+ 2 psychotropic drugs	51(1.1)	46(1.3)	97(1.2)	123(2.1)	103(1.8)	226(2.0)
+ 3 psychotropic drugs	13(0.3)	12(0.3)	25(0.3)	45(0.8)	34(0.6)	79(0.7)

Supplementary table S4 Patterns of use of concomitant psychotropic drugs

	New users n= 8,141 (41.3%)			Prevalent users n=11,577 (58.7%)		
	16-40 years	>=41 years	Total	16-40 years	>=41 years	Total
Antidepressants						
≥1	821(9.5)	779(11.0)	1,600(10.1)	1,243(8.5)	1,204(11.3)	2,447(9.9)
≥1 without diagnosis	546(12.1)	476(13.2)	1,022(12.6)	974(16.9)	875(15.1)	1,849(16.0)
Anxiolytics						
≥1	1,441(31.9)	1,271(35.1)	2,712(33.3)	1,875(32.5)	2,094(36.1)	3,969(34.3)
≥1 without diagnosis	868(19.2)	814(22.5)	1,682(20.7)	1,336(23.2)	1,565(27.0)	2,901(25.1)
Hypnotics/sedatives						
≥1	484(10.7)	487(13.5)	971(11.9)	547(9.5)	773(13.3)	1,320(11.4)
≥1 without diagnosis	429(9.5)	397(11.0)	826(10.1)	492(8.5)	658(11.3)	1,150(9.9)
