

Risk factors for treatment resistance among women with postpartum depression in a nationwide study

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Supplementary Table S1. Risk factors associated with TRPPD, restricted to patients without any pre-existing psychiatric disorders

Variables	Non-TRPPD	TRPPD		RR (95% CI) ^b			
	(n=35057)	(n=1508)	AR (%)	Model 1	P ^c	Model 2	P ^c
Maternal age, y							
<20	378 (1.1)	25 (1.7)	6.2	1.47 (0.98-2.19)	0.156	1.31 (0.86-2.00)	0.397
20-24	3780 (10.8)	225 (14.9)	5.6	1.33 (1.13-1.56)	0.002	1.22 (1.04-1.44)	0.075
25-29	10232 (29.2)	452 (30.0)	4.2	reference		reference	
30-34	12424 (35.4)	481 (31.9)	3.7	0.88 (0.77-1.00)	0.140	0.90 (0.79-1.03)	0.276
35-39	6674 (19.0)	264 (17.5)	3.8	0.90 (0.77-1.05)	0.348	0.88 (0.75-1.03)	0.276
≥40	1569 (4.5)	61 (4.0)	3.7	0.88 (0.68-1.16)	0.576	0.82 (0.62-1.08)	0.305
Educational level, y							
>12	17639 (50.3)	612 (40.6)	3.4	reference		reference	
9-12	13367 (38.1)	658 (43.6)	4.7	1.40 (1.25-1.56)	<0.001	1.26 (1.12-1.42)	0.003
<9	3219 (9.2)	180 (11.9)	5.3	1.58 (1.34-1.86)	<0.001	1.24 (1.03-1.49)	0.104
Unknown	832 (2.4)	58 (3.8)	6.5	NA		NA	
Household income level							
Top 20%	6770 (19.3)	228 (15.1)	3.3	reference		reference	
Middle	21950 (62.6)	966 (64.1)	4.2	1.29 (1.12-1.49)	0.002	1.17 (1.01-1.35)	0.139
Lowest 20%	6086 (17.4)	293 (19.4)	4.6	1.41 (1.19-1.68)	0.001	1.18 (0.98-1.41)	0.220
Unknown	251 (0.7)	21 (1.4)	7.7	NA		NA	
Civil status							
Cohabiting	32888 (93.8)	1399 (92.8)	4.1	reference		reference	
Non-cohabiting	2169 (6.2)	109 (7.2)	4.8	1.17 (0.97-1.43)	0.237	1.04 (0.85-1.27)	0.869
Calendar year at delivery							
2006-2010	9781 (27.9)	478 (31.7)	4.7	reference		reference	
2010-2015	10870 (31.0)	508 (33.7)	4.5	0.96 (0.85-1.09)	0.662	0.98 (0.86-1.11)	0.869
2015-2021	14406 (41.1)	522 (34.6)	3.5	0.75 (0.66-0.85)	<0.001	0.78 (0.69-0.89)	0.003
Maternal country of birth							
Sweden	28268 (80.6)	1144 (75.9)	3.9	reference		reference	
Europe	2410 (6.9)	129 (8.6)	5.1	1.31 (1.09-1.57)	0.014	1.32 (1.10-1.60)	0.024
Other	4379 (12.5)	235 (15.6)	5.1	1.31 (1.14-1.51)	0.001	1.29 (1.11-1.50)	0.015
Maternal residency in Sweden							
Southern	7509 (21.4)	332 (22.0)	4.2	reference		reference	
Middle	21682 (61.8)	875 (58.0)	3.9	0.92 (0.81-1.04)	0.348	0.95 (0.83-1.07)	0.598
Northern	5866 (16.7)	301 (20.0)	4.9	1.15 (0.99-1.35)	0.177	1.15 (0.99-1.35)	0.214
BMI in early pregnancy, kg/m²							
<18.5	754 (2.2)	45 (3.0)	5.6	1.43 (1.06-1.93)	0.055	1.32 (0.98-1.79)	0.214
18.5-<25	17953 (51.2)	736 (48.8)	3.9	reference		reference	
25-<30	8843 (25.2)	375 (24.9)	4.1	1.03 (0.91-1.17)	0.742	1.00 (0.88-1.13)	0.999
30-<40	4702 (13.4)	235 (15.6)	4.8	1.21 (1.04-1.40)	0.036	1.13 (0.97-1.31)	0.276
≥40	488 (1.4)	16 (1.1)	3.2	0.81 (0.49-1.32)	0.597	0.73 (0.45-1.21)	0.400
Unknown	2317 (6.6)	101 (6.7)	4.2	NA		NA	
Smoking in early pregnancy							
No smoking	30943 (88.3)	1267 (84.0)	3.9	reference		reference	
1-9 cigarettes/day	1743 (5.0)	118 (7.8)	6.3	1.61 (1.33-1.95)	<0.001	1.35 (1.11-1.64)	0.023
≥10 cigarettes/day	515 (1.5)	37 (2.5)	6.7	1.70 (1.23-2.36)	0.005	1.41 (1.01-1.97)	0.149
Unknown	1856 (5.3)	86 (5.7)	4.4	NA		NA	
Snuff use in early pregnancy							
No	33158 (94.6)	1412 (93.6)	4.1	reference		reference	
Yes	640 (1.8)	34 (2.3)	5.0	0.81 (0.58-1.14)	0.414	0.89 (0.63-1.25)	0.710
Unknown	1259 (3.6)	62 (4.1)	4.7	NA		NA	
Parity							
1	15072 (43.0)	617 (40.9)	3.9	reference		reference	
2	13589 (38.8)	558 (37.0)	3.9	1.00 (0.89-1.12)	0.999	1.04 (0.92-1.17)	0.719
≥3	6396 (18.2)	333 (22.1)	4.9	1.26 (1.10-1.44)	0.003	1.27 (1.09-1.47)	0.020

Multiple gestation							
No	34396 (98.1)	1479 (98.1)	4.1	reference		reference	
Yes	661 (1.9)	29 (1.9)	4.2	1.02 (0.71-1.47)	0.977	1.05 (0.73-1.52)	0.915
Delivery mode							
Non-assisted vaginal	25271 (72.1)	1075 (71.3)	4.1	reference		reference	
Assisted vaginal	2144 (6.1)	84 (5.6)	3.8	0.92 (0.74-1.15)	0.656	0.99 (0.79-1.24)	0.999
Caesarean-section	7642 (21.8)	349 (23.1)	4.4	1.07 (0.95-1.21)	0.465	1.12 (0.99-1.27)	0.214
Gestational length, weeks							
22-31	528 (1.5)	16 (1.1)	2.9	0.72 (0.44-1.18)	0.361	0.70 (0.43-1.15)	0.305
32-36	1764 (5.0)	85 (5.6)	4.6	1.12 (0.90-1.40)	0.489	1.11 (0.89-1.39)	0.551
37-41	30785 (87.8)	1315 (87.2)	4.1	reference		reference	
42-46	1975 (5.6)	92 (6.1)	4.5	1.09 (0.88-1.34)	0.640	1.11 (0.90-1.38)	0.526
Unknown	5 (<0.1)	<5 (<0.1)	<0.1	NA		NA	
Birth weight, g							
<1500	465 (1.3)	12 (0.8)	2.5	0.61 (0.34-1.07)	0.196	0.60 (0.34-1.06)	0.218
1500-<2500	1234 (3.5)	59 (3.9)	4.6	1.10 (0.85-1.43)	0.640	1.08 (0.82-1.41)	0.776
≥2500	33296 (95)	1437 (95.3)	4.1	reference		reference	
Unknown	62 (0.2)	<5 (<0.1)	<0.1	NA		NA	
Apgar score at 5 min							
≥7	33894 (96.7)	1462 (96.9)	4.1	reference		reference	
<7	893 (2.5)	37 (2.5)	4.0	0.96 (0.69-1.33)	0.907	0.94 (0.68-1.31)	0.869
Unknown	270 (0.8)	9 (0.6)	3.2	NA		NA	
Stillbirth							
No	34746 (99.1)	1499 (99.4)	4.1	reference		reference	
Yes	311 (0.9)	9 (0.6)	2.8	0.68 (0.35-1.31)	0.444	0.62 (0.32-1.19)	0.305
Hypertension							
No	33510 (95.6)	1437 (95.3)	4.1	reference		reference	
Essential hypotension	267 (0.8)	13 (0.9)	4.6	1.13 (0.65-1.95)	0.789	1.15 (0.66-1.98)	0.802
Preeclampsia	1280 (3.7)	58 (3.8)	4.3	1.05 (0.81-1.37)	0.806	1.10 (0.84-1.43)	0.710
Diabetes							
No	34104 (97.3)	1464 (97.1)	4.1	reference		reference	
Gestational diabetes	685 (2.0)	33 (2.2)	4.6	1.12 (0.79-1.58)	0.681	1.12 (0.79-1.58)	0.720
Pregestational diabetes	268 (0.8)	11 (0.7)	3.9	0.96 (0.53-1.73)	0.964	0.94 (0.52-1.71)	0.964
Charlson comorbidity							
0	31667 (90.3)	1322 (87.7)	4.0	reference		reference	
1	2769 (7.9)	147 (9.7)	5.0	1.26 (1.06-1.49)	0.028	1.28 (1.08-1.52)	0.028
≥2	621 (1.8)	39 (2.6)	5.9	1.47 (1.07-2.03)	0.050	1.52 (1.10-2.09)	0.056
Premenstrual disorder							
No	33214 (94.7)	1466 (97.2)	4.2	reference		reference	
Yes	1843 (5.3)	42 (2.8)	2.2	0.53 (0.39-0.72)	<0.001	0.61 (0.45-0.84)	0.020

TRPPD, treatment-resistant postpartum depression; AR, absolute risk; RR, risk ratio; CI, confidence interval; BMI, body mass index; NA, not applicable.

^a AR% = (number of TRPPD / total number of patients with PPD in this category) * 100%.

^b Model 1: estimates from Poisson regression, univariate analysis without adjustment.

Model 2: estimates from Poisson regression, adjusted for age, educational level, calendar year, residential region, maternal country of birth, parity, and multiple gestation, if applicable.

^c P values were corrected for multiple testing using Benjamini and Hochberg method.

Supplementary Table S2. Risk factors associated with TRPPD, sensitivity analyses

	Clinically diagnosed PPD patients ^a	PPD patients from regions with primary care data ^b	Alternative definition of TRPPD ^c	Alternative definition of TRPPD ^d	Mutually adjustment model ^e
	Non-TRPPD / TRPPD (AR% ^f)	Non-TRPPD / TRPPD (AR% ^f)	Non-TRPPD / TRPPD (AR% ^f)	Non-TRPPD / TRPPD (AR% ^f)	Non-TRPPD / TRPPD (AR% ^f)
	21873 / 1799 (7.60%)	34932 / 1975 (5.35%)	55353 / 3265 (5.57%)	54186 / 4432 (7.56%)	55096 / 3522 (6.01%)
Maternal age, y					
<20	0.95 (0.68-1.33)	1.16 (0.82-1.63)	1.10 (0.86-1.40)	0.94 (0.74-1.19)	1.16 (0.91-1.47)
20-24	1.11 (0.96-1.29)	1.09 (0.94-1.27)	1.09 (0.98-1.22)	0.97 (0.88-1.07)	1.11 (1.00-1.24)
25-29	reference	reference	reference	reference	reference
30-34	1.02 (0.90-1.16)	0.94 (0.84-1.06)	0.96 (0.88-1.06)	1.03 (0.96-1.12)	0.94 (0.86-1.03)
35-39	1.02 (0.87-1.18)	1.04 (0.91-1.19)	1.01 (0.91-1.13)	1.02 (0.93-1.12)	0.96 (0.86-1.06)
≥40	1.12 (0.88-1.43)	1.19 (0.96-1.46)	1.00 (0.83-1.20)	1.14 (0.98-1.33)	0.92 (0.77-1.10)
Educational level, y					
>12	reference	reference	reference	reference	reference
9-12	1.27 (1.13-1.42)	1.24 (1.11-1.38)	1.25 (1.15-1.35)	1.10 (1.03-1.18)	1.09 (1.00-1.18)
<9	1.56 (1.34-1.82)	1.63 (1.41-1.88)	1.61 (1.44-1.80)	1.19 (1.07-1.31)	1.15 (1.02-1.29)
Household income level					
Top 20%	reference	reference	reference	reference	reference
Middle	1.23 (1.07-1.41)	1.14 (1.01-1.29)	1.20 (1.08-1.33)	1.14 (1.05-1.24)	1.14 (1.03-1.26)
Lowest 20%	1.32 (1.13-1.56)	1.36 (1.17-1.58)	1.35 (1.19-1.52)	1.18 (1.06-1.31)	1.19 (1.06-1.34)
Civil status					
Cohabiting	reference	reference	reference	reference	reference
Non-cohabiting	1.19 (1.02-1.39)	1.28 (1.11-1.48)	1.24 (1.10-1.38)	1.12 (1.01-1.25)	1.04 (0.93-1.16)
Calendar year at delivery					
2006-2010	reference	reference	reference	reference	reference
2010-2015	0.88 (0.78-0.98)	0.95 (0.85-1.06)	0.98 (0.89-1.07)	0.85 (0.79-0.91)	0.94 (0.87-1.03)
2015-2021	0.76 (0.68-0.85)	0.77 (0.69-0.86)	0.85 (0.78-0.92)	0.74 (0.68-0.79)	0.81 (0.74-0.88)
Maternal country of birth					
Sweden	reference	reference	reference	reference	reference
Europe	1.24 (1.04-1.47)	1.14 (0.96-1.35)	1.18 (1.03-1.36)	0.98 (0.88-1.06)	1.31 (1.15-1.49)
Other	1.09 (0.95-1.25)	1.20 (1.05-1.36)	1.12 (1.00-1.24)	1.14 (1.01-1.32)	1.21 (1.08-1.34)
Maternal residency in Sweden					
Southern	reference	reference	reference	reference	reference
Middle	0.95 (0.85-1.07)	1.10 (0.98-1.22)	1.00 (0.92-1.09)	0.95 (0.88-1.02)	1.02 (0.94-1.11)
Northern	2.15 (1.83-2.52)	1.00 (0.79-1.26)	1.18 (1.05-1.31)	1.14 (1.04-1.25)	1.20 (1.08-1.33)
BMI in early pregnancy, kg/m²					
<18.5	1.13 (0.85-1.50)	1.23 (0.94-1.59)	1.13 (0.91-1.41)	1.06 (0.87-1.29)	1.16 (0.95-1.43)
18.5-<25	reference	reference	reference	reference	reference
25-<30	0.99 (0.88-1.11)	1.02 (0.91-1.14)	1.02 (0.93-1.11)	1.04 (0.97-1.12)	0.98 (0.90-1.06)
30-<40	1.05 (0.91-1.21)	1.04 (0.91-1.20)	1.09 (0.99-1.21)	1.14 (1.05-1.25)	1.00 (0.91-1.11)
≥40	0.86 (0.55-1.32)	1.08 (0.73-1.58)	0.99 (0.75-1.30)	0.80 (0.61-1.05)	0.88 (0.67-1.14)
Smoking in early pregnancy					
No smoking	reference	reference	reference	reference	reference
1-9 cigarettes/day	1.31 (1.10-1.55)	1.48 (1.27-1.73)	1.44 (1.28-1.62)	1.33 (1.19-1.48)	1.24 (1.11-1.39)
≥10 cigarettes/day	1.55 (1.19-2.03)	1.63 (1.28-2.08)	1.45 (1.20-1.76)	1.27 (1.06-1.52)	1.23 (1.02-1.48)
Snuff use in early pregnancy					
No	reference	reference	reference	reference	reference
Yes	0.79 (0.58-1.09)	0.93 (0.65-1.33)	0.92 (0.74-1.14)	0.99 (0.81-1.20)	0.98 (0.80-1.21)
Parity					
1	reference	reference	reference	reference	reference
2	0.89 (0.80-0.99)	0.88 (0.79-0.97)	0.91 (0.84-0.99)	0.96 (0.89-1.02)	1.02 (0.94-1.10)

≥3	0.99 (0.86-1.13)	0.98 (0.86-1.12)	1.03 (0.93-1.14)	0.98 (0.90-1.07)	1.16 (1.05-1.29)
Multiple gestation					
No	reference	reference	reference	reference	reference
Yes	1.01 (0.72-1.41)	0.97 (0.70-1.35)	1.03 (0.80-1.32)	1.00 (0.81-1.24)	0.95 (0.74-1.23)
Delivery mode					
Non-assisted vaginal	reference	reference	reference	reference	reference
Assisted vaginal	0.95 (0.77-1.16)	0.99 (0.82-1.20)	1.01 (0.87-1.17)	1.02 (0.90-1.15)	1.00 (0.87-1.16)
Caesarean-section	1.14 (1.02-1.27)	1.20 (1.08-1.33)	1.15 (1.06-1.25)	1.11 (1.03-1.19)	1.10 (1.02-1.20)
Gestational length, weeks					
22-31	0.92 (0.64-1.33)	0.90 (0.63-1.29)	0.92 (0.69-1.22)	0.85 (0.67-1.25)	1.38 (0.87-2.19)
32-36	1.24 (1.03-1.49)	1.22 (1.01-1.46)	1.23 (1.07-1.41)	1.17 (1.02-1.34)	1.21 (1.04-1.42)
37-41	reference	reference	reference	reference	reference
42-46	1.05 (0.87-1.27)	0.94 (0.77-1.14)	1.00 (0.85-1.16)	1.07 (0.94-1.21)	1.01 (0.87-1.17)
Birth weight, g					
<1500	0.71 (0.46-1.09)	0.79 (0.52-1.20)	0.81 (0.59-1.12)	0.82 (0.62-1.08)	0.54 (0.32-0.91)
1500-<2500	1.09 (0.87-1.37)	1.12 (0.90-1.39)	1.08 (0.91-1.28)	1.00 (0.86-1.17)	0.89 (0.73-1.09)
≥2500	reference	reference	reference	reference	reference
Apgar score at 5 min					
≥7	reference	reference	reference	reference	reference
<7	1.13 (0.88-1.45)	1.02 (0.78-1.32)	1.03 (0.84-1.26)	0.93 (0.77-1.12)	1.04 (0.83-1.30)
Stillbirth					
No	reference	reference	reference	reference	reference
Yes	0.95 (0.64-1.43)	0.83 (0.53-1.31)	0.84 (0.59-1.22)	0.86 (0.62-1.18)	0.94 (0.63-1.41)
Hypertension					
No	reference	reference	reference	reference	reference
Essential hypotension	1.37 (0.84-2.24)	1.08 (0.67-1.75)	1.13 (0.79-1.64)	1.08 (0.79-1.49)	1.13 (0.79-1.62)
Preeclampsia	1.16 (0.92-1.47)	1.15 (0.92-1.43)	1.10 (0.93-1.31)	1.17 (1.02-1.36)	1.13 (0.95-1.34)
Diabetes					
No	reference	reference	reference	reference	reference
Gestational diabetes	1.05 (0.75-1.47)	0.95 (0.69-1.31)	1.12 (0.88-1.40)	1.09 (0.88-1.33)	1.00 (0.80-1.26)
Pregestational diabetes	0.66 (0.34-1.26)	0.38 (0.17-0.84)	0.64 (0.41-1.01)	0.84 (0.60-1.18)	0.59 (0.39-0.92)
Charlson comorbidity index					
0	reference	reference	reference	reference	reference
1	1.25 (1.07-1.45)	1.24 (1.08-1.43)	1.27 (1.15-1.42)	1.14 (1.04-1.26)	1.15 (1.04-1.28)
≥2	1.64 (1.25-2.15)	1.32 (1.00-1.73)	1.46 (1.20-1.78)	1.20 (1.00-1.45)	1.24 (1.02-1.51)
Psychiatric disorder, any					
No	reference	reference	reference	reference	reference
Yes	1.90 (1.73-2.09)	2.33 (2.13-2.56)	2.15 (2.00-2.31)	1.53 (1.44-1.63)	1.67 (1.52-1.83)
Psychotic disorders					
No	reference	reference	reference	reference	reference
Yes	6.83 (5.74-8.13)	9.53 (8.23-11.03)	7.71 (6.82-8.72)	4.98 (4.38-5.67)	4.76 (4.20-5.39)
Sleep disorders					
No	reference	reference	reference	reference	reference
Yes	1.80 (1.33-2.44)	2.18 (1.64-2.89)	2.01 (1.63-2.48)	1.62 (1.32-1.98)	1.14 (0.93-1.40)
Personality disorder					
No	reference	reference	reference	reference	reference
Yes	1.47 (1.18-1.83)	2.05 (1.70-2.47)	2.03 (1.76-2.33)	1.53 (1.33-1.75)	0.96 (0.82-1.11)
Developmental and/or neuropsychiatric disorders					
No	reference	reference	reference	reference	reference
Yes	1.46 (1.22-1.75)	1.77 (1.49-2.09)	1.71 (1.52-1.94)	1.30 (1.15-1.47)	1.00 (0.88-1.13)
Depressive disorder					
No	reference	reference	reference	reference	reference
Yes	1.38 (1.23-1.55)	1.78 (1.59-1.98)	1.68 (1.54-1.83)	1.40 (1.29-1.51)	0.95 (0.86-1.04)
Anxiety					
No	reference	reference	reference	reference	reference
Yes	1.67 (1.50-1.87)	1.88 (1.70-2.08)	1.74 (1.61-1.89)	1.43 (1.33-1.53)	1.04 (0.95-1.14)
Substance abuse					

No	reference	reference	reference	reference	reference
Yes	1.32 (1.12-1.55)	1.82 (1.59-2.09)	1.65 (1.48-1.83)	1.35 (1.22-1.49)	0.98 (0.88-1.09)
Stress-related disorders					
No	reference	reference	reference	reference	reference
Yes	1.58 (1.39-1.79)	1.79 (1.59-2.01)	1.69 (1.54-1.85)	1.31 (1.20-1.43)	1.06 (0.96-1.16)
Premenstrual disorder					
No	reference	reference	reference	reference	reference
Yes	1.04 (0.78-1.37)	0.80 (0.64-1.01)	0.73 (0.60-0.89)	1.05 (0.92-1.21)	0.72 (0.59-0.87)

TRPPD, treatment-resistant postpartum depression; AR, absolute risk; ECT/rTMS, electroconvulsive therapy or repetitive transcranial magnetic stimulation.

All estimates from Poisson regression, adjusted for age, educational level, calendar year, residential region, maternal country of birth, parity, and multiple gestation, if applicable.

^a Restricted to PPD patients with a clinically confirmed depression diagnosis from the Patient register or primary care registers.

^b Restricted to PPD patients in the counties having primary care data.

^c Alternative definition of TRPPD: use of either ≥ 3 different antidepressants, or first antidepressant + add-on medication, or first antidepressant + ECT/rTMS during one year after the PPD diagnosis.

^d Alternative definition of TRPPD: use of either ≥ 3 antidepressants, or first antidepressant + add-on medication, or first antidepressant + ECT/rTMS during one year after the PPD diagnosis. To qualify as an eligible drug trial (includes new treatment with the same ATC code) in a treatment period (defined as the time interval between any two consecutive prescriptions for the same drug within 120 days), another antidepressant or add-on medication had to be prescribed more than 28 days after the previous treatment initiation and have a duration of 28 days or longer for dosing.

^e Estimates from Poisson regression, mutually adjusted for all variables listed in this table.

^f AR% = (number of TRPPD / total number of patients with PPD) * 100%.

Supplementary Table S3. Ascertainment of postpartum depression, treatments, and psychiatric conditions

	Identification codes	Data source
Postpartum depression (PPD): defined as a first record of depression diagnosis or a first filled prescription of antidepressants from delivery to one year postpartum	ICD-9: 300E, 311; ICD-10: F32, F33, F34, F38, F39, F530	National Patient Register
	ICD-10: F32, F33, F34, F38, F39, F530, F53-	Primary care register
	ATC: N06A	Prescribed Drug Register
Treatments		
Antidepressants	ATC: N06A	Prescribed Drug Register
Add-on medications	ATC: N05AH03, N05AH04 (>100 mg), N05AX08, N05AX12, N05AN01	Prescribed Drug Register
Electroconvulsive therapy (ECT)	Clinical procedure codes: DA006, DA024, DA025	National Patient Register
Repetitive transcranial magnetic stimulation (rTMS)	Clinical procedure codes: DU050	National Patient Register
Psychiatric conditions		
Any	ICD-9: 290-315; ICD-10: F10-F99	National Patient Register
Developmental and/or neuropsychiatric disorders	ICD-9: 299, 307, 314, 315, 317-319; ICD-10: F70-F79, F80-F89, F90	National Patient Register
Depressive disorder	ICD codes: the same as PPD above	National Patient Register
Psychotic disorders	ICD-9: 295, 297, 298; ICD-10: F20-25, F28-29, F531	National Patient Register
Bipolar disorders	ICD-9: 296A, 296C, 296D, 296E, 296W, 296X ICD-10: F30, F31	National Patient Register
Dementia	ICD-9: 290, 294; ICD-10: F00-F03	National Patient Register
Anxiety	ICD-9: 300A, 300C ICD-10: F400-F402, F408, F409, F410-F413, F418, F419	National Patient Register
Stress-related disorders	ICD-9: 308, 309; ICD-10: F43	National Patient Register
Substance abuse	ICD-9: 291, 292, 303, 304; ICD-10: F10-F16, F18-F19	National Patient Register
Sleep disorders	ICD-9: 780F, 307E; ICD-10: G47, F51	National Patient Register
Personality disorders	ICD-9: 301; ICD-10: F60	National Patient Register
Premenstrual disorder	ICD-9: 625E; ICD-10: N943	National Patient Register

ICD codes, International Classification of Diseases codes; ATC codes, Anatomical Therapeutic Chemical codes.