

Supplementary Material

Article Title: Differential Risk of Increasing Psychotropic Polypharmacy Use in Children Diagnosed With ADHD as Preschoolers

Author(s): Almut G. Winterstein, PhD; Rene Soria-Saucedo, PhD; Tobias Gerhard, PhD; Christoph U. Correll, MD; and Mark Olfson, MD, MPH

DOI Number: <https://doi.org/10.4088/JCP.16m10884>

List of Supplementary Material for the article

1. [eAppendix 1](#) Determinants of Antipsychotic Use, Anticonvulsant Use, and Multidrug Regimen

Disclaimer

This Supplementary Material has been provided by the author(s) as an enhancement to the published article. It has been approved by peer review; however, it has undergone neither editing nor formatting by in-house editorial staff. The material is presented in the manner supplied by the author.

eAppendix 1. Determinants of antipsychotic use, anticonvulsant use, and multi-drug regimen

	Antipsychotics		Anticonvulsants		≥ 3 psych drug classes				
	OR	95% CI	OR	95% CI	OR	95% CI			
M vs F	1.61	1.47-1.75	1.14	1.03-1.26	1.42	1.32-1.53			
Black vs White	0.72	0.67-0.78	0.60	0.54-0.66	0.57	0.52-0.61			
Hispanic vs White	0.85	0.74-0.97	0.86	0.72-1.01	0.82	0.72-0.93			
Unknown vs White	0.96	0.82-1.12	0.67	0.54-0.83	0.71	0.61-0.83			
Foster care	1.50	1.37-1.63	1.42	1.27-1.59	1.51	1.39-1.64			
Disability	0.78	0.63-0.97	0.79	0.60-1.04	0.78	0.63-0.97			
Poverty	1.08	1.01-1.15	0.99	0.90-1.09	1.03	0.96-1.11			
High-prev ADHD state vs low	0.81	0.75-0.88	0.95	0.86-1.05	0.97	0.90-1.04			
2000 vs 1999	1.11	0.98-1.26	1.00	0.85-1.17	1.03	0.92-1.16			
2001 vs 1999	1.26	1.07-1.49	1.07	0.87-1.31	1.11	0.96-1.29			
2002 vs 1999	1.47	1.20-1.81	1.17	0.90-1.51	1.21	1.01-1.46			
2003 vs 1999	1.69	1.33-2.16	1.25	0.93-1.70	1.28	1.03-1.59			
2004 vs 1999	1.90	1.44-2.50	1.36	0.97-1.90	1.31	1.03-1.67			
2005 vs 1999	1.99	1.47-2.69	1.37	0.95-1.99	1.38	1.05-1.80			
Follow-up year	Age at ADHD Dx		Age at ADHD Dx		Age at ADHD Dx				
Year 2 vs 1	3	1.47	1.25-1.73	3	1.64	1.29-2.08	3	1.32	1.12-1.56
Year 3 vs 1	3	1.72	1.39-2.14	3	1.69	1.24-2.30	3	1.51	1.21-1.87
Year 4 vs 1	3	1.80	1.39-2.33	3	1.89	1.32-2.69	3	1.65	1.28-2.12
Year 5 vs 1	3	1.85	1.38-2.47	3	2.14	1.45-3.16	3	1.80	1.36-2.38
Year 2 vs 1	6	1.40	1.29-1.53	6	1.39	1.24-1.57	6	1.31	1.21-1.42
Year 3 vs 1	6	1.59	1.39-1.83	6	1.56	1.30-1.86	6	1.42	1.25-1.61
Year 4 vs 1	6	1.65	1.38-1.97	6	1.76	1.40-2.21	6	1.58	1.34-1.87
Year 5 vs 1	6	1.67	1.35-2.07	6	1.87	1.43-2.45	6	1.54	1.27-1.88
Year 2 vs 1	9	1.26	1.14-1.38	9	1.18	1.03-1.34	9	1.21	1.10-1.33
Year 3 vs 1	9	1.34	1.16-1.55	9	1.29	1.06-1.56	9	1.21	1.05-1.39
Year 4 vs 1	9	1.34	1.11-1.61	9	1.45	1.14-1.84	9	1.30	1.09-1.55
Year 5 vs 1	9	1.30	1.04-1.62	9	1.46	1.10-1.93	9	1.18	0.96-1.45
Year 2 vs 1	12	1.05	0.93-1.19	12	0.99	0.85-1.16	12	1.03	0.89-1.18

Year 3 vs 1	12	1.00	0.84-1.19	12	0.93	0.74-1.16	12	0.91	0.75-1.10
Year 4 vs 1	12	0.92	0.74-1.15	12	1.02	0.78-1.34	12	0.88	0.70-1.10
Year 5 vs 1	12	0.84	0.65-1.08	12	0.98	0.72-1.33	12	0.78	0.61-1.01
Year 2 vs 1	14	0.92	0.75-1.12	14	0.88	0.68-1.14	14	0.90	0.71-1.13
Year 3 vs 1	14	0.80	0.61-1.04	14	0.72	0.52-1.01	14	0.73	0.54-0.98
Year 4 vs 1	14	0.69	0.51-0.94	14	0.78	0.53-1.15	14	0.64	0.46-0.90
Year 5 vs 1	14	0.60	0.42-0.84	14	0.72	0.48-1.10	14	0.58	0.40-0.83
	Follow-up year		Follow-up year				Follow-up year		
DX-age 6 vs 3	1	0.22	0.15-0.32	1	0.34	0.20-0.55	1	0.20	0.15-0.29
DX-age 9 vs 3	1	0.16	0.10-0.25	1	0.30	0.17-0.54	1	0.13	0.09-0.20
DX-age 12 vs 3	1	0.18	0.12-0.27	1	0.44	0.26-0.74	1	0.13	0.09-0.18
DX-age 14 vs 3	1	0.23	0.16-0.32	1	0.64	0.40-1.02	1	0.13	0.10-0.19
DX-age 6 vs 3	2	0.20	0.15-0.28	2	0.24	0.16-0.37	2	0.20	0.15-0.28
DX-age 9 vs 3	2	0.13	0.09-0.19	2	0.18	0.11-0.30	2	0.12	0.08-0.17
DX-age 12 vs 3	2	0.13	0.09-0.17	2	0.22	0.14-0.35	2	0.10	0.07-0.13
DX-age 14 vs 3	2	0.14	0.10-0.18	2	0.29	0.19-0.43	2	0.09	0.07-0.12
DX-age 6 vs 3	3	0.19	0.14-0.26	3	0.29	0.20-0.44	3	0.18	0.14-0.25
DX-age 9 vs 3	3	0.12	0.08-0.16	3	0.22	0.13-0.35	3	0.10	0.07-0.14
DX-age 12 vs 3	3	0.10	0.07-0.13	3	0.23	0.15-0.34	3	0.07	0.05-0.10
DX-age 14 vs 3	3	0.10	0.07-0.13	3	0.26	0.18-0.38	3	0.06	0.05-0.08
DX-age 6 vs 3	4	0.19	0.14-0.26	4	0.30	0.21-0.43	4	0.19	0.14-0.26
DX-age 9 vs 3	4	0.11	0.08-0.15	4	0.22	0.14-0.34	4	0.10	0.07-0.14
DX-age 12 vs 3	4	0.09	0.07-0.12	4	0.23	0.15-0.33	4	0.07	0.05-0.09
DX-age 14 vs 3	4	0.08	0.06-0.11	4	0.25	0.18-0.36	4	0.05	0.04-0.07
DX-age 6 vs 3	5	0.19	0.14-0.25	5	0.26	0.18-0.38	5	0.15	0.11-0.20
DX-age 9 vs 3	5	0.10	0.08-0.14	5	0.18	0.12-0.28	5	0.08	0.05-0.10
DX-age 12 vs 3	5	0.08	0.06-0.10	5	0.18	0.12-0.26	5	0.05	0.04-0.06
X-age 14 vs 3	5	0.07	0.05-0.09	5	0.19	0.14-0.27	5	0.04	0.03-0.05