

APPENDIX 27: INTERVENTIONS FOR CHILDREN AND YOUNG PEOPLE – STUDY CHARACTERISTICS

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Abbreviations

ADHD	attention deficit hyperactivity disorder
BRA	Brazil
ChIPS	Children's Interview for Psychiatric Syndromes
COL	Colombia
DSM(-IV, -TR)	<i>Diagnostic and Statistical Manual of Mental Disorders</i> (- fourth edition, - Text Revision)
Dur	duration
Freq	frequency
IND	India
IRI	Iran
K-SADS(-PL)	Kiddie- Schedule for Affective Disorders and Schizophrenia (-Present and Lifetime Version)
MEX	Mexico
N/A	not applicable
N Post	number of participants at post-treatment
NR	not reported
N Rand	number of participants randomised
P-ChIPS	parent version Children's Interview for Psychiatric Syndromes
PUR	Puerto Rico
RUS	Russian Federation
TWN	Taiwan
USA	United States of America
WASH-U-KSADS	Washington University in St. Louis Kiddie Schedule for Affective Disorders and Schizophrenia
XR	extended release
ZAF	South Africa

1.1 PHARMACOLOGICAL INTERVENTIONS

Study	Country	Interview	Age	% Female	% ADHD	N Rand	N Post	Group	Dose	Freq	Dur
Medication for acute mania											
<i>Aripiprazole compared with pill placebo</i>											
FINDLING2009	USA	K-SADS (DSM-IV)	13	46%	52%	98	96	Aripiprazole	10 mg	7	4
						99	99	Aripiprazole	30 mg	7	4
						99	92	Placebo	N/A	7	4
TRAMONTINA2009	BRA	K-SADS (DSM-IV)	12	56%	100%	18		Aripiprazole	13 mg	7	6
						25		Placebo	N/A	7	6
<i>Olanzapine compared with pill placebo</i>											
TOHEN2007	USA, PUR	K-SADS (DSM-IV-TR)	15	47%	99%	107	105	Olanzapine	8.9 mg	7	3
						54	54	Placebo	N/A	7	3
<i>Quetiapine compared with pill placebo</i>											
DELBELLO2002	USA	K-SADS (DSM-IV)	14	47%	60%	15	15	Quetiapine	432 mg	7	6
						15	15	Placebo	N/A	7	6
PATHAK2013	USA	K-SADS (DSM-IV)	13	44%	45%	95	95	Quetiapine	400 mg	7	3
						98	98	Quetiapine	600 mg	7	3

Interventions for children and young people – study characteristics

Study	Country	Interview	Age	% Female	% ADHD	N Rand	N Post	Group	Dose	Freq	Dur
						91	90	Placebo	N/A	7	3
<i>Risperidone compared with pill placebo</i>											
HAAS2009	USA	NR	13	51%	50%	50	50	Risperidone	0.5-2.5 mg	7	3
						61	61	Risperidone	3-6 mg	7	3
						58	58	Placebo	N/A	7	3
<i>Topiramate compared with pill placebo</i>											
DELBELLO2005	USA	K-SADS (DSM-IV)	14	48%	59%	29	27	Topiramate	278 mg	7	4
						27	29	Placebo	N/A	7	4
ELILILLY2011	USA	K-SADS (DSM-IV-TR)	14	55%	NR	17	16	Topiramate	400 mg	7	12
						14	14	Placebo	N/A	7	12
<i>Valproate compared with pill placebo</i>											
WAGNER2009	USA	K-SADS (DSM-IV)	13	40%	68%	77	74	Valproate	24.3 mg/kg	7	4
						74	70	Placebo	N/A	7	4

Interventions for children and young people – study characteristics

<i>Ziprasidone compared with pill placebo</i>											
PFIZER2011	USA	K-SADS (DSM-IV)	14	NR	NR	150	133	Ziprasidone	NR	7	4
						88	85	Placebo	N/A	7	4
<i>Quetiapine compared with valproate</i>											
DELBELLO2006	USA	K-SADS (DSM-IV-TR)	15	58%	32%	25	25	Quetiapine	412 mg	7	4
						25	25	Valproate	101 µg/mL	7	4
<i>Risperidone compared with valproate</i>											
PAVULURI2012	USA	WASH-U- KSADS (DSM-IV)	13	41%	0%	14	10	Risperidone	144 mg	7	6
						14	11	Valproate	856 mg	7	6
PAVULURI2010	USA	K-SADS (DSM-IV)	11	38%	19%	33	32	Risperidone	0.5-2 mg	7	6
						33	33	Valproate	NR	7	6
<i>Topiramate compared with valproate</i>											
HEBRANI2009	IRI	K-SADS (DSM-IV-TR)	16	60%	NR	71	NR	Topiramate	NR	7	8
						71	NR	Valproate	NR	7	8

Medication for Acute Depression											
<i>Quetiapine compared with placebo</i>											
ASTRAZENECA2011B	USA, IND, COL, RUS, MEX, ZAF, TWN	K-SADS (DSM-IV)	14	49%	NR	93	92	Quetiapine XR	300 mg	7	8
						100	100	Placebo	N/A	7	8
DELBELLO2009	USA	K-SADS (DSM-IV-TR)	16	69%	13%	17	17	Quetiapine	400 mg	7	8
						15	15	Placebo	N/A	7	8
<i>Fluoxetine and olanzapine compared with placebo</i>											
ELILILLY2013	USA, RUS, MEX	K-SADS-PL (DSM-IV-TR)	15	56%	NR	194	170	Fluoxetine and olanzapine	12 mg/50 mg	7	8
						97	85	Placebo	N/A	7	8
Long term management											
FINDLING2005	USA	K-SADS (DSM-IV)	11	35%	58%	30	30	Lithium	30 mg/kg	7	20
						30	30	Valproate (divalproex sodium)	20 mg/kg	7	20
FINDLING2012	USA	K-SADS (DSM-IV)	7	30%	90%	30	30	Aripiprazole	0.26 mg/kg	7	72

						30	30	Placebo	N/A	7	72
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1.2 PSYCHOLOGICAL INTERVENTIONS

Study	Country	Interview	Age	% Female	% ADHD	N Rand	N Post	Group	Dose	Freq	Dur
CUMMINGS2007	USA	ChIPS and P-ChIPS (DSM-IV)	10	27%	97%	87	87	Family psychoeducation			26
						79	78	Waitlist			26
MIKLOWITZ2008	USA	K-SADS (DSM-IV)	15	57%	89%	30	26	Family therapy			39
						28	24	Enhanced clinical intervention			39

1.3 NUTRITIONAL INTERVENTIONS

Study	Country	Interview	Age	% Female	% ADHD	N Rand	N Post	Group	Dose	Freq	Dur
GRACIOUS2010	USA	K-SADS (DSM-IV)	13.7	47%	53%	26	26	Flax oil	3,300 mg	7	16
						25	25	Placebo	N/A	7	16