

Note: The data below are based on cases identified as “Asperger Syndrome” N=1,297**PARENT RATINGS OF BEHAVIORAL EFFECTS OF BIOMEDICAL INTERVENTIONS**

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The parents of autistic children represent a vast and important reservoir of information on the benefits—and adverse effects—of the large variety of drugs and other interventions that have been tried with their children. Since 1967 the Autism Research Institute has been collecting parent ratings of the usefulness of the many interventions tried on their autistic children.

The following data have been collected from 1,297 parents who have completed our questionnaires designed to collect such information. For the purposes of the present table, the parents responses on a six-point scale have been combined into three categories: “made worse” (ratings 1 and 2), “no effect” (ratings 3 and 4), and “made better” (ratings 5 and 6). The “Better:Worse” column gives the number of children who “Got Better” for each one who “Got Worse.”

DRUGS	Parent Ratings					DRUGS	Parent Ratings					DRUGS	Parent Ratings				
	Got Worse ^A	No Effect	Got Better	Better: Worse	No. of Cases ^B		Got Worse ^A	No Effect	Got Better	Better: Worse	No. of Cases ^B		Got Worse ^A	No Effect	Got Better	Better: Worse	No. of Cases ^B
Aderall	39%	26%	34%	0.9:1	186	Dilantin^D						Prolixin	0%	78%	22%		9
Amphetamine	31%	28%	41%	1.3:1	113	Behavior	22%	72%	6%	0.2:1	18	Prozac	29%	32%	38%	1.3:1	177
Anafranil	19%	42%	39%	2.1:1	69	Seizures	20%	40%	40%	2.0:1	10	Risperidal	22%	25%	53%	2.4:1	167
Antibiotics	35%	45%	20%	0.6:1	97	Felbatol	0%	100%	0%		4	Ritalin	36%	30%	35%	1.0:1	400
Antifungals^C						Fenfluramine	11%	78%	11%	1.1:1	9	Secretin					
Diffucan	7%	38%	55%	7.8:1	56	Haldol	35%	41%	24%	0.7:1	37	Intravenous	6%	50%	44%	8.0:1	18
Nystatin	8%	38%	54%	6.8:1	76	IVIG	14%	43%	43%	3.0:1	7	Transderm.	0%	50%	50%		8
Atarax	35%	35%	30%	0.9:1	40	Klonapin^D						Stelazine	27%	73%	0%		11
Benadryl	28%	51%	21%	0.8:1	184	Behavior	11%	68%	21%	2.0:1	19	Steroids	41%	35%	24%	0.6:1	17
Beta Blocker	10%	57%	33%	3.3:1	30	Seizures	0%	83%	17%		6	Tegretol^D					
Buspar	19%	54%	27%	1.4:1	59	Lithium	18%	43%	39%	2.1:1	49	Behavior	31%	49%	20%	0.6:1	65
Chloral Hydrate	30%	57%	13%	0.4:1	23	Luvox	26%	46%	28%	1.1:1	46	Seizures	26%	32%	42%	1.6:1	31
Clonidine	22%	38%	40%	1.8:1	198	Mellaril	31%	33%	36%	1.2:1	36	Thorazine	57%	33%	10%	0.2:1	21
Clozapine	31%	50%	19%	0.6:1	26	Mvsoline^D						Tofranil	25%	40%	36%	1.4:1	73
Cogentin	25%	58%	17%	0.7:1	12	Behavior	25%	75%	0%		4	Valium	38%	43%	20%	0.5:1	40
Cylert	32%	54%	14%	0.4:1	69	Seizures	0%	100%	0%		3	Valtrex	0%	50%	50%		2
Deanol	0%	75%	25%		4	Naltrexone	11%	33%	56%	5.0:1	18	Zarontin^D					
Depakene^D						Paxil	43%	25%	33%	0.8:1	89	Behavior	38%	63%	0%		8
Behavior	26%	39%	36%	1.4:1	70	Phenergan	30%	45%	24%	0.8:1	33	Seizures	0%	100%	0%		5
Seizures	8%	60%	32%	4.0:1	25	Phenobarb.^D						Zoloft	28%	28%	43%	1.5:1	99
Desipramine	25%	50%	25%	1.0:1	12	Behavior	40%	50%	10%	0.2:1	20						
						Seizures	20%	27%	53%	2.7:1	15						

BIOMEDICAL/ NON-DRUG/ SUPPLEMENTS	Parent Ratings					BIOMEDICAL/ NON-DRUG/ SUPPLEMENTS	Parent Ratings				
	Got Worse ^A	No Effect	Got Better	Better: Worse	No. of Cases ^B		Got Worse ^A	No Effect	Got Better	Better: Worse	No. of Cases ^B
Calcium ^E	3%	61%	36%	14:1	191	Transfer Factor	7%	71%	21%	3.0:1	14
Cod Liver Oil	5%	42%	53%	11:1	160	Vitamin A	6%	62%	32%	5.0:1	111
Cod Liver Oil with Bethanecol	0%	67%	33%		15	Vitamin B3	6%	43%	51%	8.2:1	81
Colostrum	5%	56%	40%	8.5:1	43	Vit. B6/Mag.	5%	45%	50%	11:1	321
Detox. (Chelation) ^C	7%	18%	75%	11:1	72	Vitamin B12 (oral)	0%	38%	63%		8
Digestive Enzymes	2%	36%	61%	25:1	161	Vitamin C	2%	51%	46%	19:1	201
DMG	11%	49%	40%	3.5:1	230	Zinc	4%	38%	58%	16:1	163
Fatty Acids	2%	33%	65%	29:1	133	SPECIAL DIETS					
5 HTP	5%	54%	41%	8.0:1	39	Candida Diet	1%	41%	58%	41:1	71
Folic Acid	8%	44%	48%	6.3:1	131	Feingold Diet	0%	45%	55%		96
Food Allergy Trtmnt	3%	34%	63%	23:1	109	Gluten- /Casein-Free Diet	3%	27%	70%	24:1	237
Hyperbaric Oxygen Therapy	9%	36%	55%	6.0:1	11	Removed Chocolate	1%	50%	49%	36:1	149
Magnesium	11%	74%	16%	1.5:1	19	Removed Eggs	3%	61%	36%	11:1	125
Melatonin	6%	20%	75%	13:1	107	Removed Milk	2%	43%	56%	31:1	336
Methyl B12 (nasal)	20%	60%	20%	1.0:1	5	Products/Dairy					
Methyl B12 (subcut.)	13%	25%	63%	1.5:1	8	Removed Sugar	3%	48%	49%	14:1	207
MT Promoter	30%	30%	40%	1.3:1	10	Removed Wheat	1%	41%	58%	44:1	226
P5P (Vit. B6)	12%	27%	62%	5.3:1	52	Rotation Diet	3%	37%	60%	20:1	65
Pepcid	0%	56%	44%		18	Specific Carbo-hydrate Diet	3%	33%	64%	21:1	33
SAMe	17%	67%	17%	1.0:1	12						
St. Johns Wort	15%	73%	12%	0.8:1	26						
TMG	21%	41%	38%	1.8:1	58						

- “Worse” refers only to worse behavior. Drugs, but not nutrients, typically also cause physical problems if used long-term.
- No. of cases is cumulative over several decades, so does not reflect current usage levels (e.g., Haldol is now seldom used).
- Antifungal drugs and chelation are used selectively, where evidence indicates they are needed.
- Seizure drugs: top line behavior effects, bottom line effects on seizures.
- Calcium effects are not due to dairy-free diet; statistics are similar for milk drinkers and non-milk drinkers.