

200 P.A.N.D.A.S. Cases from PandasNetwork.org

Child #	Sex	Age of Onset/ Diagnosis	Abrupt Onset?	Diagnosed Infection	Symptoms	Treatment	Resolution/Remission	Year of Onset	State
1	Boy	6-sibling	Yes	Strep & sinusitis	Ocd, coordination loss, anxiety, fears, heel walking, spinning, enuresis	Abx & steroids	Greatly improved	2006	
2	Boy	4-sibling	Yes	Strep	Ocd, anxiety, rages, sleeplessness, mood lability	Abx & steroids	Greatly improved	2007	
3	Girl	6	Yes	Strep	OCD, fears, psychosis, rituals	Abx; IVIG (2006)	Resolved	2004	AZ
4	Girl		Yes	Strep		IVIG	Greatly Improved	2009	AZ
5	Boy	8	Yes	Strep (titers)	Severe separation anxiety, sleep disturbances, insomnia, OCD, behavioral regression, aggression	Zithromax, then IVIG with abx continuing afterward	80% 13 wks post IVIG	2009	CA
6	Boy	5	Yes	Strep (pos. rapid)	OCD, mood lability, multi-generational (mother, cousins w/pandas)	short-term Abx, IVIG	Greatly improved	2008	CA
7	Boy	5- sibling	Yes	Strep, known exposure to RF; high ASO titer	Tics, OCD, separation anxiety, mood lability, sleep disturbances, anxiety	Zithromax, then IVIG (3 rounds at 1.5mg/kg 8 weeks apart)	Symptoms 99% Resolved 3 months post IVIG	2009	CA
8	Boy	2-sibling	Yes	Kawasaki-RF	OCD, mood, sleep disorder	IVIG for Kawasaki; abx	Resolved	2009	CA
9	Boy	9	Yes	Strep	Severe tics, OCD, mood lability, math deterioration	Abx, then IVIG (low-dose at Stanford)	Resolved	2009	CA
10	Boy	7	yes	strep	Hyperactivity, terrors, eye dilation, rages, autistic like behaviors	Sporadic Abx, IVIG, HBOT, chelation	Resolved	2007	CA
11	Girl	7	No	scarlet fever -age 2; Fifth's Disease	Enuresis, OCD, behavioral, separation anxiety, sleep problems, anorexia, writing deterioration,	Abx	Resolved	2010	CA
12	Girl	7.5	yes	strep exposure, fever	Separation anxiety, emotional lability, headaches, verbal and motor tics, anorexia, OCD, suicidal statements, writing deterioration, urinary frequency	Abx, IVIG twice	Greatly improved	2008	CA
13	Boy	7	Yes	Strep	Ocd, mood, anxiety, rages, chorea, eye dilation, mild seizures	Abx, IVIG	Abx - improved; 2 IVIG's - Resolved	2007	CA
14	Girl	8	Yes	Strep; re-exacerbation mycoplasma	Tics, anorexia, anxiety, multiple sensory	Amox every 6 mos.	Repeat exacerbations	2005	CA
15	Girl	6-cousin	Yes	Strep (titers), mycoplasma	Tics, fears, bad thoughts	Abx, 3 IVIG's	Greatly improved	2008	CA
16	Boy	8-cousin	Yes	Strep	OCD, fears, rages	Abx, IVIG	Resolved	2008	CA
17	Boy	10-cousin	Yes	Strep	OCD, fears, rages	Abx, IVIG	Resolved	2008	CA
18	Girl	10-playmate	Yes	Viral Throat	Mood lability, anxiety, rages, cognitive issues, perfectionism	None	Six mos. remitted	2010	CA
19	Girl	10-playmate	Yes	Viral Throat	Mood lability, anxiety, rages, cognitive issues, perfectionism	None	Six mos. remitted	2010	CA
20	Boy	12	Yes	Strep multiple x	OCD, anxiety, rage, chorea, ADHD	Azithro; 2 IVIGs	Greatly Improved	2009	CA
21	Boy	13	Yes	Strep	OCD, anxiety, tics, rages, age regression, enuresis, fears	Abx short course & failed IVIG in 1998 (stanford)	Severe debilitating OCD	1998	CA
22	Boy	9	No	Mild fever, sore throat	Violent head shaking, tics, mood lability, mild self-harm	Azithro; pending IVIG	Improved; re-exacerbates	2008	CA

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23	Girl	3	Yes	Sinus and Ear Infection	Tics, acute anxiety, fears, mood lability	Considered PID; IVIG	Greatly Improved	2007	CA
24	Boy	6	Yes	Strep	OCD, enlarged pupils, compulsions, rages, learning issues, ADHD, mood lability, anxiety	Abx short course, steroid (one time)	Improved; 6 x p/year exacerbations; lessening but no remission	1998	CA
25	Boy	5- sibling	Yes	Strep, Mycoplasma	Complex tics, rages, anxiety, compulsions	Azithro, steroids, IVIG	Resolved	2009	CA
26	Boy	5- sibling	Yes	Strep, Mycoplasma	Complex tics, rages, anxiety, compulsions	Azithro, steroids, IVIG	Improving	2009	CA
27	Boy	5	Yes	RF, Strep	OCD, mood lability, anxiety, ADHD	Azithro, IVIG	Greatly Improved	2009	CA
28	Girl	6	Yes	Strep (titers extremely high checked 2010)	Tourette-like movements	Titers were never checked until 2010	Unknown	2006	CA
29	Boy	8	Yes	Strep (titers)	Complex motor and vocal tics	unknown	unknown	2010	CA
30	Boy	6	Yes	Strep	OCD, mood lability, ADHD	Antibiotics short courses	Improving into teen years	2004	CA
31	Boy	13	Yes	Strep (titers)	OCD, mood, anxiety, rages, math & reading diminished	Abx	Mildly improved	2010	CA
32	Boy	6	Yes	Strep (titers)	Tics, ADHD, mood lability	Abx	Mildly improved	2009	CA
33	Boy	6.5	Yes	Strep (titers)	Initially just a tic that improved with antibiotics ; 2 1/2 years Exacerbation - severe tics, sleep disturbances, attention problems, mood lability, defiant behavior, slurred speech	Antibiotics intermittently when there's a flare-up; clonidine	Reduction in severity of neck tic	2006	CO
34	Girl	5	Yes	Skin infections; otitis media	OCD, sleep disturbances, ADHD, fears, mood lability, imaginings	Abx, IVIG pending	Improved	2008	CO
35	Girl	5	Yes	Fever, sore throat, coxsackie virus?	OCD, acute anxiety, bedwetting, mood lability	Azithro, IVIG	Resolved	2009	CO
36	Girl	7	Yes	Repeat sinus & throat infections; docs won't swab	Complex tics, leg pain, adventitious movements	Omnicef (July 2010)	unknown	2010	CO
37	Boy	5	Yes	Strep (culture)	Tics, OCD, mood lability, separation anxiety, sleep disturbance	Abx; phoresus	Greatly improved	2009	CT
38	Boy	10	yes	strep	Tics, OCD, separation anxiety, mood lability, sleep disturbances, anxiety, Adhd	Abx, IVIG twice,	much improved	2007	CT
39	Girl	17	Yes	Sore throat, boyfriend had strep	Age 5 after vaccines displayed OCD; exposed to strep 17 yrs.	Abx	Improved	2010	CT
40	Boy	9	Strep	Strep (titers); mother is carrier	Tics, anxiety	Biaxin Abx, Steroids (2010)	Improved	2008	CT
41	Girl	5	Yes	Many ear & sinus infections	Ocd, hyperactivity	Amox	Improved	2010	CT
42	Girl	4	No	Flu-like & fever, torso rash, sore throat, Lyme	Repeact cough, grows to snorting, tongue clicking, smelling hands, fears, mood lability	Abx, IVIG	Greatly improved	2010	CT
43	Girl	10	Yes	Scarlet Fever, Lyme	OCD, anxiety, tics, rages	Abx, IVIG	Greatly improved	2009	CT
44	Girl	6	Yes	Strep	Hallucinations, OCD	unknown	Unknown	2010	CT
45	Boy	13	Yes	Strep	OCD, tics, anxiety, depression	Abx, IVIG	Unknown	2010	CT

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46	Boy	9	Yes	Strep	OCD, rages, mood, ADHD, fears	PEX and IVIG	Resolved	2009	DC
47	Girl	8	Yes	Strep & Lyme	Tics (since preschool years), mood, rages, hyperactivity,	Abx, IVIG	Greatly improved	2009	DC
48	Girl	5-sibling	Yes	Strep	OCD, severe anxiety, mood lability	Azithro, Steroids, PEX	Greatly Improved	2010	DC
49	Girl	9-sibling	Yes	Strep	OCD, anxiety, stomach issues, withdrawal, mood lability	Azithro, Steroids, PEX	Greatly Improved	2010	DC
50	Girl	6	Yes	Strep	Chorea, tics, ADHD, anxiety	Augmentin daily	Greatly improved	2009	DE
51	Boy	6	Yes	Strep; mycoplasma	OCD, enuresis, school refusal, complex tics, anxiety, rages, ADHD	Biaxin, Steroids	Greatly improved	2002	East US
52	Boy	9	yes	strep, ear infections	Tics, cognitive confusion, urinary frequency, separation anxiety, OCD,	Abx, IVIG	much improved	2008	FL
53	Girl	10	Yes	Foot infection Staph , sinus infection, Celiac's	Ocd thoughts, fears, tics	Abx, 2 IVIG's	Resolved	2006	FL
54	Boy	6	Yes	Strep	Mild OCD, perfectionistic, multiple motor tics	Abx short course	Improved	2009	FL
55	Girl	7-sibling	Yes	Lyme, Strep	OCD	Unknown	uncertain	2006	GA
56	Boy	8-sibling	Yes	Strep	OCD	Unknown	uncertain	2009	GA
57	Boy	5	Yes	Strep (titers)	Severe OCD, anxiety, fears	Nothing	Currently ill (July 2010)	2010	GA
58	Boy	10	Yes	Strep recurrent; Celiac's newly diagnosed	OCD, Sleep disturbances, tics, mood lability, leg pains	None; 2009 Antibiotics	Improved; re-exacerbates	2006	GA
59	Girl	5	Yes	Onset following Immunizations	OCD, tics, fine motor problems	IVIG (3 years post onset), Amoxicillin then switched to Azithromycin	Tics and other symptoms fully Resolved 4 months post IVIG	2006	IL
60	Girl	7	Yes	Staphylococcus Aureaus	OCD, anxiety	Zoloft	Ocd improved	2004	IL
61	Boy	7	Yes	strep	OCD, separation anxiety, rages	antibiotics, IVIG	Resolved after IVIG	2005	IL
62	Boy	4	Unknwn	Unknown	Tics, anxiety	Abx, IVIG	Improved	2010	IL
63	Boy	6	Yes	Strep	OCD, anxiety	Amox	Improved	2008	IL
64	Boy	3	Yes	Strep (titers)	Severe stuttering, unable to verbalize, aggressive	Unknown	Unknown	2010	IL
65	Boy	8	Yes	Unclear strep; mildly raised titers	Panic attacks, tics, sleep disturbances	Keflex	90% improved	2009	IN
66	Girl	6	Yes	Strep	OCD, mood, anxiety, psychosis	Antibiotics short course	Mild improvement	2010	IO
67	Boy	7	Yes	Strep (titers)	OCD, tics, enuresis, math and reading skills, corporlelia, disinhibition	Amox, (3) IVIG (2010) - too high! 2G/1kg April, May, June	Improved w/abx; IVIG (2010) improved but not Resolved	2007	ITALY
68	Boy	9	Yes	Strep	OCD, suicidal, violent, ADHD, rages	Abx, IVIG	Resolved	2009	KS
69	Boy	9	Yes	Strep (titers)	OCD, painful full body tics, focus issues, learning regression, anxiety	Abx (pending IVIG), anti-anxiety med	Improved, re-exacerbating	2009	KS
70	Boy	5	Yes	Strep 2004; H1N1 and ear infection (2008)	OCD and mood issues have escalated: complex tics, rages, anxiety, mood issues	Proph abx -short course	Improved until 2008; seeking IVIG	2004	KY
71	Boy	11	yes	Strep titers	OCD, seperation anxiety, mood, chorea, tics	Abx, CBT,	Resolved with ABX, re-excerbated on 1/10	2008	MA

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72	Boy	4	Yes	Ear Infections; impetigo	OCD, tics, anxiety, enuresis, disinhibition	Unknown (realized pandas correlation 5/10)	unknown	2005	MA
73	Boy	9	Yes	Strep (very high Anti- Dnase B)	Tics, OCD, anxiety ADHD, mood lability	IVIG	Improved	2010	MI
74	Boy	7	Yes	Strep (rapid test); child has frequent strep infections	Tics, hyperactivity, ???	Tenex; 6-day methylprednisolone pack (12-27-08 and 1-6- 09); daily Azithromycin after steroid courses	Tenex increased tics; 80 - 90% reduction in symptoms with steroid courses; reduction in tics on Azithromycin (last update 1/09)	2008	MI
75	Boy	7	yes	strep	Trichotillomania, OCD, rages, anorexia, separation anxiety, tics	Abx, IVIG	85% Resolved after IVIG, continues Abx	2005	MI
76	Girl	7	yes	HSV, strep	Mood lability, eating disorder, rages, OCD, sleep problems	Abx, IVIG	Resolved completely	2007	MI
77	Boy	11	yes	rheumatic fever	High fevers, migrator polyarthritits, chorea, arthralgia, tics, sleep problems, OCD, anxiety, anorexia,	High dose ABX, 3-IVIG treatments	90% rcovered, remains on High dose Augmentin	2007	MI
78	Boy	4	Yes	Strep (titers)	Mild tics and mood; explosion at age 8 with strep	Abx	Improved	2010	MI
79	Boy	14	Yes	Strep (titers)	Tics vocal & motor, anxiety	Abx, Steroids, IVIG	Unknown	2009	MI
80	Boy	5	Yes	History of strep; multiple URI & otitis;	OCD, perfectionism, ADHD, eye dilation, rages, anxiety, blinking, arm tic	Abx, IVIG in 2010	Greatly improved	2005	MI
81	Girl	16	Yes	URI, sinus infection	Coughing continuously, acute anxiety, age regression	Unknown	Unknown	2010	MI
82	Boy	5	Yes	Strep	Tics, ADHD, mood lability	Amox; pending IVIG	Improved; re-exacerbates	2010	MI
83	Girl	12	Yes	Strep	OCD, anxiety, hours of screaming	Unknown	Unknown	2010	MI
84	Girl	9	Yes	Strep (not clear on 2010 exacerbation trigger)	OCD, anxiety (Swedo IVIG study)	Proph abx, PEX	PEX complete resolution; minor exacerbations until 2010- age 24 major OCD episode	1998	MI
85	Boy	7.5	Yes	Unknown bacterial	OCD, anorexia, eye dilation, mood, fears, enuresis, neuro problems,	Short-term Amox & Azithro	Improved but proph not approved; child has lost speech & learning capability	2007	MN
86	Boy	9	Yes	Strep, severe tooth decay	Enruesis, anxiety, OCD, rages, withdrawal	Abx, steroids, Pex, IVIG	Improved	2009	MN
87	Boy	10	Yes	Strep; repeat episodes	OCD, rages, knuckle popping, sleeplessness, school refusal, defiance	Clyndamycin; possible IVIG	80% improved	2007	MO
88	Girl	10.5	9 days later	Strep	OCD, anorexia, chorea, vocal tics, suicidal	low dose penicillin, Plasmapheresis, antidepressants, antipsychotics, SSRI, anti- anxiety meds	no change after Plasmapheresis. Change occurred after SSRI started, weaned off SSRI which produced a resolution. remained on penicillin until age 15	2001	MO
89	Boy	9	Yes	Strep (titers)	Fears, anxiety, age regression, enuresis,	Short-term Keflex; 2 exacerbations	Greatly improved	2009	MO

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90	Girl	9	Yes	Strep re-triggered with allergies in 2010	OCD, fears, bad thoughts	Abx, T&A (2008)	Greatly Improved; Regression 2010	2008	MO
91	Boy	4	Yes	Strep	OCD, mood lability, rages - increasing over last few years	Proph. abx since age 4; stopped working; IVIG 7/10	Lessened in effectiveness; pending IVIG	2003	MO
92	Boy	4	Yes	Strep (titers)	OCD, severe anxiety, writing deterioration, mood lability, enuresis, sleep disturbances	Abx, IVIG (2010)	Greatly Improved	1999	NC
93	Boy	8	Yes	Not tested for strep	OCD, mood lability, severe tics	Several courses of antibiotics over 3 months after onset	Symptoms almost completely resolve after 3 months	2009	NC
94	Girl	16 mo.	Yes	Strep	Hair pulling, ADHD, separation anxiety, general anxiety, sleep disturbances, enuresis, oppositional/defiant	Penicillin as of 1/09	Has slowly improved, but still ADHD as of 5/09	2004	NC
95	Girl	1	Yes	Strep	OCD, hoarding food, sleep disturbances, hyperactivity, food restriction	Abx, IVIG	Greatly improved	2004	NC
96	Boy	7	Yes	Strep (titers)	Tics, severe separation anxiety, attention issues, loss of fine motor skills,	First year: Orap and Abilify; Second Year: antibiotics and prednisone; as of last writing, waiting to do IVIG	First year: no change in tics, increase in other symptoms; Second Year: tics fully Resolved, other symptoms greatly reduced	2008	NC
97	Boy	7	no	strep	OCD, anxiety, Adhd, chorea, sleep problems, tics	Abx, Plasmapheresis, IVIG	Resolved	2009	NC
98	Boy	12	Yes	Impetigo, sore throat	Intense fears, hand blowing, spitting, OCD, vocal tics, anxiety	Abx, 2 IVIG's	Resolved	2007	NC
99	Girl	3	Yes	Strep	Tics, mood lability, math skills, concentration diminished, anxiety	Abx	Improved	2010	NC
100	Boy	10	Yes	Unclear though history of multiple strep (age 2); asthma, URI's	OCD, considered Asbergers, non-compliant, lack of focus, rages, frontal lobe seizures	Keflex	Improved	2008	NC
101	Girl	7	Yes	Strep (elevated ASO)	Severe OCD	Augmentin	Improved	2009	NE
102	Girl	5	No	Multiple strep infections and illnesses coinciding with symptoms	Mood lability, separation anxiety, general anxiety, aggressiveness, lethargy, stomach aches, anorexia, writing deterioration, headaches,	IVIG (2g/kg) about 2 years after onset; monthly IVIG for immune deficiency afterward	Symptoms 125% Resolved (doing better than before PANDAS started)	2007	NE
103	Boy	8	Yes	Ethmoid sinus infection; strep (elevated ASO/Anti-Dnase B)	Rages, seizures, tics, OCD, math deterioration, chorea	Clindomycin; IVIG	Greatly improved	2004	NJ
104	Boy	15	Unknwn	mycoplasma	Asbergers, mood, anxiety, rages, spacey quality	Diagnosed Asbergers since age 2 - Azithro & IVIG	Greatly improved	2009	NJ
105	Boy	6	Yes	Strep (culture)	Tics, OCD, mood lability, separation anxiety, sleep disturbance	ABX; IVIG	Greatly improved	2008	NJ
106	Girl	9	yes	strep	OCD, rages, tics, ear and leg pain, anxiety	Abx	Resolved for 2 yrs	2008	NJ

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107	Boy	8	Yes	Strep, Mycoplasma, multiple immune issues	Vocal tics, anxiety, gagging/eating issues, rages, spitting	Abx, IVIG	Greatly improved	2010	NJ
108	Girl	7	Yes	Strep-(titers); worsen w/flu mist	Mood lability, complex tics, ADHD, chorea, walks circling, dysgraphia	Azithro, IVIG	Greatly improved	2009	NJ
109	Boy	6	unkwn	Strep	OCD, mood, mild tics	Amox, steroid, IVIG	Abx improved but temporary, IVIG - 90% Resolved	2008	NJ
110	Girl	11	Yes	Strep (titers)	OCD, mood, mild tics	Abx, steroid, IVIG	Abx improved but temporary, IVIG - 90% Resolved	pre-2008	NJ
111	Boy	15	Yes	Strep	OCD, anxiety	Azithro; IVIG pending	Improved	2010	NJ
112	Girl	10	Yes	Sinus and Ear infection	OCD, anxiety, fears	Daily Abx, Steroids, 2 IVIG (1999) dose unknown	Improved but still asymptomatic OCD	1998	NJ
113	Girl	10	Yes	Strep (likely RF)	Tics severe head mvmt, chorea?, anxiety, psychosis, mitral valve damage, body tremors, leg lunging	Abx-Azithro	Greatly Improved	2010	NJ
114	Boy	10	No	strep	Tics, enuresis, separation anxiety, dilated eyes,	Abx, IVIG	40% Resolved, considering 2nd IVIG	2007	NV
115	Girl	7	Yes	Strep	Tics, OCD, agitation, ADD	Cefdinir	Resolution of mood; throat clearing continues	2009	NY
116	Boy	5	Yes	Recurring strep (pos. cultures)	Separation anxiety, mood lability, full-body tics	Abx with each strep; 5 episodes in 5 months	Symptoms resolve with each round of abx, but then recur with new strep infection	2008	NY
117	Boy	6	Yes	Strep (rapid)	Mild OCD, sleep disturbances, separation anxiety	Abx w/ each strep; 4 episodes in 16 months	Resolved with each course of antibiotics	2008	NY
118	Girl	7	Yes	Strep (culture)	OCD, severe separation anxiety	Antibiotics, prednisone, IVIG	No significant response to abx; prednisone helped; symptoms Resolved after IVIG	2009	NY
119	Boy	6	Yes	Strep exposure from brother (diagnosed with culture)	OCD, tics, sleep disturbances, separation anxiety, enuresis	Amoxicillan	80% improved	2009	NY
120	Girl	4-sibling	Yes	Recurrent strep (6 pos cultures in 8 months)	Mood lability, hypercussis, OCD, general anxiety, tics, chorea-like movements	Repeated courses of Amoxicillan; then a course of Cleocin	Improvement with each course of Amox; full resolution with Cleocin; mild exacerbation with virus after stopping antibiotics	2008	NY
121	Girl	3-sibling	Yes	Strep; impetigo	Mood lability, anxiety, OCD	Augmentin	Improving	2010	NY
122	Boy	5-autisum	Yes	Flu-like & fever	OCD, paranoia, rages, panic attacks, fears, facial tic	Homeopathic supplements	Improved over one year, remaining OCD	2004	NY
123	Boy	6	Yes	Strep at onset; no titers	Tourette-like, head jerk, eye blink, grunts - over years develops valve damage, joint pain, scarlet fever	Abx (short term for 7 years)	Improved temporarily	2003	NY
124	Boy	7	Yes	3 Severe URI's 2006; likely Von Economo's 2009	Age regression, anxiety, eye dilation, joint pain, insomnia, psychosis, rage, mood lability, fears, compulsions; 2009 Mutism, and sleeping fits	Gradual improvement; psych drugs; (2009) flu shot- severe regression	Abx and steroids 2009; greatly improved	2006	NY

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125	Boy	13	Yes	Strep	OCD, hallucinations, neurological issues, psychosis, suicidal, severe leg pain, writing backwards, eyes rolling, depression	Abx, 3 IVIG's - docs say he is psychotic and faking	Improving	2009	NY
126	Girl	6	Yes	Strep	OCD, rages, ADHD, anxiety, fears, compulsions, suicidal	Keflex, IVIG	Resolved	2008	NY
127	Boy	5	Yes	Strep	Anxiety disorder, reading and math regression, ADHD	unknown	unknown	2008	NY
128	Girl	7	Yes	Strep	Psychosis, OCD, anxiety	Unknown	Unknown	2010	NY
129	Boy	8	Yes	No tests as of 9/09	Tics, anxiety, sleep disturbances	Antibiotics	no reports fm parent	2009	OH
130	Boy	6.5	yes	strep	Dilated pupils, rages, behavioral regression, vocal tics, separation anxiety, mood lability, OCD	Abx, IVIG-twice	95% Resolved with IVIG and Abx	2008	OH
131	Boy	5	yes	strep	OCD, rages, meltdowns,	CBT, Abx	improved	2008	OH
132	Boy	8	uncertain	uncertain	OCD, ADHD, mood lability	Abx	Improved	2009	OH
133	Girl	12	No	Unclear, pneumonia, ear infections	Tics or chorea, anxiety	Abx	Improved	2010	OK
134	Boy	10	Yes	unclear	Tics, eye dilation, anxiety	Amoxicillin	Improved	2008	OR
135	Girl	5	Yes	Recurrant sinus infections	OCD, severe separation anxiety, tics, enuresis, mood lability, sleep disturbance	abx; steroids, IVIG	Greatly improved	2007	PA
136	Boy	6	yes	strep	OCD, separation anxiety, rages, dialiated pupils, vocal tics	Abx	95% Resolved with daily abx	2005	PA
137	Boy	8	no	strep	Motor tics, stuttering, ADHD, pain in legs and joints, separation anxiety, slight CD	Abx	95% Resolved with daily abx	2005	PA
138	Girl	7	Yes	Sore throat	OCD, imaginations, anxiety, mood, ADHD	Short-term Amox	Short-term improvement	2010	PA
139	Boy	5	Yes	Brother had strep; felt unwell; full body rash	Rash, hallucinations, joint pain, mute, fears - exacerbated w/swine flu	IVIG	Improving	2010	PA
140	Girl	12	Yes	Strep (titers)	OCD, anxiety, fears, house-bound	Amox	Greatly improved over one year	2009	PA
141	Girl	11	Yes	URI for 5 mos, red body rash, Dtp & Menectra vaccines	OCD, fears, rages, psychosis, severe anxiety	Azithro; IVIG	Improving trmt only 2 mos ago	2009	PA
142	Boy	5	Yes	Full body rash (brother had strep)	OCD, mutism, enuresis, complex tics, hallucinations, joint pain, echolalia, adventitious movements, visual, balance	No Antibiotics given no strep- 2 years later Abx, IVIG	Greatly Improved	2007	PA
143	Girl	7	Yes	Strep (titers), mycoplasma, lyme	Multiple tics, ADHD	Abx	Greatly Improved	2008	PA

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144	Girl	6	Yes	Strep	Perfectionistic, mood lability, anxiety, rages, isolation, refusal to speak, septic stares, clenched limbs	Azithro, steroids	Resolved	2009	PA
145	Boy	11	Yes	Strep, mycoplasma	OCD, bad thoughts, chora	Abx, steroids	Improved	2010	PA
146	Boy	6	Yes	Strep	Complex tics, head jerking, body tremors, isolating	Cephalexin, Amox	Unclear	2010	PA
147	Girl	6	No	History of ear & throat infections; 2007 mycoplasma; 2009 (titers checked very elevated)	OCD, ADHD, mood lability, eye dilation, inattention; symptoms worsened 2007	Psychotropic drugs; not helpful; Abx helpful; IVIG very helpful	Greatly Improved	2006	PA
148	Boy	6	Yes	Strep repeatedly; very sickly with other infections thru preschool years	Mood lability, enuresis, sleep disturbances, separation anxiety, sleep apnea, inattention, hyperactivity, oppositional behavior, tics, enuresis, OCD, corpelalia	Clyndamycin and other?	Improved w/abx; IVIG pending	2006	RI
149	Boy	6	Yes	Headahce, Fever	OCD, anxiety, sleep disturbances, mild tics	Abx	Improved	2010	RI
150	Girl	5	yes	strep	OCD, seperation anxiety, mood	Abx	Resolved 1/10	2008	SC
151	Girl	6	Yes	Strep	Complex tics or chorea, head and eye rolling, cupped hands, mood lability, hyperactivity, rages	Abx	Improved; re-exacerbated 7/10/10	2009	SC
152	Boy	6	Yes	Strep (history of acute Tonsilcits)	Disinhibition, rages, complex tics, compulsions	Abx	Greatly improved	2010	Scotla nd
153	Girl	6	Yes	Strep (titers)	Severe OCD, sleep disturbance	Azithro	Resolved	2009	TN
154	Boy	10	Yes	Strep (culture and titers)	OCD, verbal tics, ADHD, separation anxiety, math deterioration	10 days Augmentin, then 400mg Azithromycin indefinitely	Improvement in tics; OCD Resolved; dramatic improvement in hyperactivity	2009	TN
155	Boy	8	yes	Hib Vaccine & immediate strep exposure	Scarlett rash, tics, separation anxiety, OCD, sleep problems	Amoxicillan, Keflex, Pen VK, Zithromax, Suprax, Tenex, prednisone	Resolved with Keflex, re-exacerbated on 1/10 90% improvement	2008	TN
156	Girl	12	yes	strep, chicken pox	Tics, OCD, anxiety ADHD, mood lability,	Abx, IVIG	Greatly improved	2005	TN
157	Boy	9	Yes	Strep, mycoplasma	OCD, mood lability, hyperactivity	Biaxin	Improved	2010	TN
158	Boy	8	Yes	Flu shot; strep (titers)	Severe head tic; OCD, enuresis, mood lability, sleep issues, age regression	Short term abx	Improved; mild exacerbations	2008	TN
159	Boy	9	Yes	Strep (titers)	Unknown - just told us re-exacerbation 2010 much worse; needs help beyond abx	Proph. abx (2008)	Temporarily helpful; worsening currently (2010)	2008	TN
161	Girl	8	Yes	Strep	Separarion anxiety, OCD, suicidal, emotiona labilit	Antibiotics, PEX-twice, psychotropic drugs	Successful Phoresus; Immuned w/Varicella and Flu; re-exacerbation - and 2nd phoresus unsuccessful - psychotropic drugs until age 13; full resolution	2005	TX

200 P.A.N.D.A.S. Cases from PandasNetwork.org

Child #	Sex	Age of Onset/ Diagnosis	Abrupt Onset?	Diagnosed Infection	Symptoms	Treatment	Resolution/Remission	Year of Onset	State
	Boy	8	yes	strep, varicella vaccine	Tics, OCD, seperation anxiety, sleep problems, writing deterioration, mood lability, behavioral regression	IVIG, Plasmapheresis, abx	steroids, some improvement after IVIG, Resolved after Plasmapheresis until he got sick again	2007	TX
162	Boy	?	Yes	Strep	Separation anxiety, school refusal ADHD	5 days Abx, Zoloft	Mild improvement	2009	TX
163	Boy	5	Yes	???	Mood lability, joint pain, ocd	??	??	2010	TX
164	Girl	8	Yes	ITP (autoimmune illness); skin infections	OCD, tics, behavioral issues	Azithro, IVIG	Greatly improved	2007	TX
165	Girl	20	Yes	Strep/Raynauds	Joint pain, anxiety, balance issues, neurlogical issues, adventitious mvmt, age regression, OCD beginning	Abx, Steroids, Xanax (abx began 2009)	Improving	2008	TX
166	Boy	4	Yes	Strep (titers)	OCD, tics	Unknown	Unknown	2010	TX
167	Girl	2	Yes	Virus? Ear infection, URI	OCD? Repeating dressing; hallucinations; Complex tics, grimacing, shoulders, stiff arms, screaming, eye blinking, growling, night terrors	Amox	Improves; episodic every 3 mos.	2010	TX
168	Girl	11	Yes	Strep	Random movements; diagnosed Tourettes, sleeping issues, stomach pains	Unknown	Unknown	2006	TX
169	Boy	8	Yes	Strep	OCD, terrors, imaginings, anxiety	Amox	Improved	2010	TX
170	Boy	9	Yes	unclear	OCD, anxiety, fear of choking	Unknown; learned of PANDAS connection 2010	unknown	2008	TX
171	Boy	5	Yes	Staph recurrent	OCD, ADHD, mood issues	Antibiotics	Improves; re-exacerbates	2008	TX
172	Boy	5	Yes	Strep	Tics, mood lability, anxiety, disinhibition	Penicillin	Greatly improved	2009	UK
173	Girl	5	Yes	Strep several months prior; flu and MMR shots immediately prior to onset	Tics, severe OCD, severe joint pain, chorea, hording, anorexia, hallucinations, suicidal thoughts	2 IVIG's doctors did not provide proph abx, re-exposed to strep	3rd IVIG - Greatly improved remaining on ABX	2008	UT
174	Boy	6	Yes	Unclear	OCD, Tics, mood, anxiety, ADHD	Abx, steroids	Improved	2006	UT
175	Girl	9-sibling	Yes	Strep	Severe OCD, anorexia, dialated pupils, writing deterioration, repetitive movements, enuresis, mood lability	Abx; steroids	Resolved	2007	VA
176	Girl	8 sibling	Yes	Strep	OCD, anxiety	Abx; steroids	Improved	2009	VA
177	Girl	7	yes	strep	OCD, mood lability, rages	CBT, Abx	70% Resolved, remains on ABX	2006	VA
178	Girl	5-sibling	yes	Strep, Mom also had Pandas as child	Tics, OCD, writing deterioration, mood lability, restlessness, night terrors, separation anxiety,	Abx	90% Resolved with exacerbations at times	2001	VA
179	Boy	2-sibling	yes	strep	OCD, anxiety, mood	Abx	90% Resolved with exacerbations at times		VA
180	Boy	5-sibling	yes	strep	OCD, anxiety, mood	Abx	90% Resolved with exacerbations at times		VA

200 P.A.N.D.A.S. Cases from PandasNetwork.org

Child #	Sex	Age of Onset/ Diagnosis	Abrupt Onset?	Diagnosed Infection	Symptoms	Treatment	Resolution/Remission	Year of Onset	State
181	Boy	7-sibling	yes	strep	OCD, anxiety, mood	Abx	90% Resolved with exacerbations at times		VA
182	Boy	4	Yes	Strep	Tics, mood, ADHD (told it is TS)	Short-term Abx	Short-term improvement	2010	VA
183	Boy	11	Yes	Strep	OCD, mood, corporlelia	Abx, steroids	Improved	2009	VA
184	Girl	10-sibling	Yes	Lyme, Herpes, EBV	OCD agoraphobia, rages, enuresis, non-responsive, fears	Abx, steroids (not until 2010)	Improving	2008	VA
185	Girl	10-sibling	Yes	Strep (family of 8; many infections)	Compulsion to redress, mood lability, rages	Abx	Improved	2009	VA
186	Boy	14	Yes	Strep (titers)	OCD, complex tics, rages, hyper, eye blinking, fears	Amoxicillin	Improved; re-exacerbates	2005	VA
187	Girl	6	Deteriorated over about 2 weeks' time	Strep (titers)	Separation anxiety, OCD, oppositional/defiant behavior, phobias, fear of choking, handwriting deterioration	6 month course of Amoxicillan	Some lingering anxiety; minimal OCD appears when sick and disappears with antibiotic treatment	2006	WA
188	Boy	7	no	titers	Vocal and motor tics, OCD, behavioral regression, rages, mood lability, anxiety, sensory issues	Abx, IVIG	Resolved	2007	WA
189	Girl	6	Yes	Unknown Fever	OCD, mood lability, septic stare, rages, indecision, enuresis	Seeking Abx	Improving gradually	2009	WA
190	Boy	5-sibling	Yes	Strep (titers), kinder vaccines	Ocd, dysgraphia, rages, mood, sleep, paranoia, hallucinations	Abx, IVIG	Greatly improved	2003	WI
191	Boy	3-sibling	Yes	unknown fevers	Ocd, anxiety, enuresis, dysgraphia, rages, math skills	Abx, Steroids	Greatly improved	2003	WI
192	Girl	8	Yes	Repeat Strep	OCD Y-Bocs 32; fears, anxiety, mood lability, enuresis, learning and age regression, dysgraphia, dilated pupils	Augmentin, IVIG (2010)	40% improved	2008	WI
193	Boy	5	Yes	Strep & impetigo (titers)	Complex tics, irritability, bad thoughts, adventitious movements	Abx, IVIG	Greatly Improved	2007	WI
194	Boy	7-sibling	Yes	Multiple Strep	Ocd, hyperactivity, joint pain	Abx short course	Improved, re-exacerbating	2008	WV
195	Boy	8-sibling	Yes	Multiple strep	Ocd, hyperactivity, joint pain	Abx short course	Improved, re-exacerbating	2008	WV
196	Boy	4	yes	strep	OCD, tics	IVIG twice		1996	
197	Girl	6	yes	strep	Separation anxiety, joint pain, writing deterioration, headaches,		Resolved		
198	Girl	11	yes	strep	OCD, anxiety	Abx, prednisone	Greatly improved	2009	
199	Boy	5- sibling	Yes	Strep	OCD, mood lability	Abx, IVIG	uncertain	2010	
200	Boy	2- sibling	Yes	Strep	OCD, mood lability	Abx	Greatly Improved	2010	