AUTISM MEDICAL HISTORY QUESTIONNAIRE – DRAFT 2.8.07	
NAME:	
Date / (day) / (year)	
Person Filling out the Form Mother Father Other	(please specify)

Instructions

Please fill out the following form about the medical history of the child participating in this study. It includes sections on the pregnancy, birth history, early development and overall medical and behavioral history. We know it is sometimes difficult to remember all the details so please feel free to refer to your baby book or any medical records you might have. For any questions you might have please write comments in the margins of the paper and we can go over them at your next visit.

PART I Questions regarding pregnancies and birth history for the child in the study.

1.	Pregnancy History			
1a.	How many times had the birth mother been pregnant child being evaluated in this study (including that pre		ng birth to the	times
1b.	How many babies had the mother had (including that	t child)?		
_	······ (······························			babies
1c.	How many miscarriages had the mother had?		miscarriages	
2.	Was this child part of a multiple pregnancy?	NO	YES	miscarriages Don't know
	(If yes): 2.a. How many babies? 2.b. Were they identical?	NO	YES	babies Don't know
3.	Was this pregnancy the result of Assisted Reproductive Technology (ART)?	NO	YES	Don't know
4.	Did the birth mother have an amniocentesis, Chorionic Villus Sampling (CVS) or a blood test to check for fetal abnormalities?(If yes):	NO	YES	Don't know
5.	4.a. Were the results ABNORMAL describe:	NO	YES	Don't know
J.	Did the doctor tell the mother that the baby had any fetal abnormalities not mentioned above If YES	NO	YES	Don't know
	5.a. Please describe			
6.	Did the birth mother have any ultrasounds or sonograms? (If yes):	NO	YES	Don't know Number:

6.a. How many?

	6.b. Were the results ABNORMAL If yes	NO		YES	Don't know
_	6.b.1. Please describe				
7.	When did the birth mother first feel the baby start to move?	Moi	nths:		Don't know
7a.	How were the movements?				
		INCREASE DECREAS			
		DON'T KNO			
7b.	If decreased, where there any periods of				
7c.	stillness? (If YES)When?	NO		YES	Don't know Don't know
76.	(II TES)WITETI?				DOIT KNOW
	QUESTIONS ABOUT	MOTHER			
8.	How much weight did the birth mother gain				
0	during pregnancy?	lbs			Don't know
9.	Did the birth mother have any shots or vaccinations during the pregnancy?	NO		YES	Don't know
	(If yes):	Rhogam			
	9.a. What type? (circle all that apply)	Flu shot Tetanus bo	octor		
		Other:			Don't know
10.	At any time in this pregnancy, did the birth				
	mother have any of the following health problems?	NO		YES	Don't know
10.a.	Infection (e.g., Strep Throat or Urinary Tract)	110		120	Bontaiow
	requiring antibiotics	NO		YES	Don't know
	(If yes) Please describe type of infection:				
	When did it occur?	1 st	2 nd	3^{rd}	
40 h	Vival illinois	trimester	trimester	trimester	Don't know Don't know
10.b.	Viral illness (If YES): Circle all that apply and check when during	NO 1 st	2 nd	YES 3 rd	DOIL KNOW
	pregnancy it occurred	trimester	trimester	trimester	Don't know
	cold				
	influenza (the flu) Chicken Pox				
	Shingles				
	Measles Mumps				
	Rubella (German Measles)				
	Herpes Type 1 (cold sores)				
	Herpes Type 2 (genital herpes) Infectious mononucleosis ("mono")				
	viral hepatitis				
40 -	OTHER	NO		VEC	Dan't 1
10.c. 10.d.	Low grade fever (99-100.9) Fever of 101°F or above	NO NO		YES YES	Don't know Don't know
10.e.	Anemia	NO		YES	Don't know
10.f.	Excessive vomiting (hyperemesis gravidarum)	NO		YES	Don't know

10.g.	If YES how was this treated?	Circle all that apply No treatment nee Medications: Intravenous fluids		fice	
		Admission to the	hospital		
10.h.	Seizures	NO	YES	Don't know	
10.i.	Asthma	NO	YES	Don't know	
10.j.	Migraines	NO	YES	Don't know	
10.k.	Severe allergies requiring medication treatment	NO	YES	Don't know	
10.l.	Diabetes (including gestational diabetes)	NO	YES	Don't know	
10.m	Thyroid disease (overly active, underactive,				
	Hashimoto's)	NO	YES	Don't know	
10.n.	Preterm labor requiring treatment such as bed				
	rest or medication	NO	YES	Don't know	
10.o.	Placenta Previa	NO	YES	Don't know	
10.p.	Cervical Incompetence	NO	YES	Don't know	
10.q.	Trauma to the abdomen	NO	YES	Don't know	
10.r.	Hypertension (High blood pressure) If YES	NO	YES	Don't know	
	Was this treated with medication?	NO	YES	Don't know	
10.s.	Severe swelling of the body (more than hands				
	and feet)	NO	YES	Don't know	
10.t.	Preeclampsia	NO	YES	Don't know	
	If YES	Circle all that apply			
	How was this treated?	Bed rest at home			
		Admission to the hospital			
		Intravenous infusion of Magnesium sulfate			
		Don't know			
10.u.	Other major illness or injury	_ NO	YES	Don't know	
	Please describe:				
11.	In this pregnancy did the birth mother take prenatal vitamins?	NO	YES	Don't know	
	If YES 11.a. Did the birth mother take them continuously throughout the pregnancy?	NO	YES	Don't know	
	11.b. In what trimester did the birth mother take			-	
12.	them? (circle all that apply) In this pregnancy did the birth mother take any	FIRST	SECOND	THIRD	
	other nutritional supplements? If YES 12.a. What type?	NO Please list:	YES	Don't know	

13. In this pregnancy, did the birth mother take any of the following prescription medications? If so, did the birth mother take the medications in the first, second or third trimester of the pregnancy? And for how long did she take the medication (# of weeks)?

		NO	YES	<u>1st</u>	<u>2nd</u>	<u>3rd</u>	# weeks
a.	Antibiotics for infections (e.g., Amoxicillin, Augmentin, Cephalosporins, Clindamycin,						
	Erythromycin, Flagyl, Nystatin, Penicillin, Septra/Bactrim, Zithromax)	NO	YES				
b.	Medications for acne (e.g., Accutane)	NO	YES				
C.	Medications for birth control (e.g., Pills, Depo-Provera)	NO	YES				
d.	Medications for asthma (e.g., inhalers, steroids, theophylline)	NO	YES				
e.	Antihypertensives for high blood pressure (e.g., Catapres (clonidine), Hydrochlorothiazide, Inderal (propranolol), Tenex (guanfacine))	NO	YES				
f.	Medications for heart or cardiac problems	NO	YES				
g.	Medications for Attention Deficit Disorder (e.g., Adderall, Ritalin, Concerta, Dexedrine,						
	Metadate	NO	YES				
h.	Antiepileptics or anti-seizure medications (e.g., Depakene/Depakote (Valproic acid), Dilantin, Keppra, Lamictal, Neurontin, phenobarbital, Tegretol, Carbatrol (Carbamazepine), Trileptal, Topamax)	NO	YES				
i.	Medications to control diabetes (e.g., Insulin)	NO	YES				
j.	Medications to regulate thyroid (e.g., Synthroid, Thyroxin)	NO	YES				
k.	Antidepressants (e.g., Celexa, Effexor, Elavil (amitriptyline), Lexapro, Luvox, Paxil, Prozac (fluoxetine), Tofranil (imipramine), Wellbutrin (bupropion), Zoloft (sertraline))	NO	YES				
l.	Mood stabilizers or anti-psychotics (e.g., Carbatrol, Tegretol, Depakote (Valproic acid), Haldol, Lamictal, Lithium, Mellaril, Neurontin, Olanzapine, Risperdal, Seroquel, Thorazine, Trileptal, Topamax)	NO	YES				
m.	Tranquilizers or nerve pills (e.g., Ativan, BuSpar, Klonopin, Valium, Xanax)	NO	YES				
n.	Pain killers (e.g., Darvon, Demerol, Dilaudid, Morphine, Percocet, Percodan, Tylenol with codeine, Codeine preparations)	NO	YES				
0.	Migraine medications (e.g., Amerge, Axert, Cafergot, Fiorinal, Imitrex, Maxalt, Midrin, Zomig)	NO	YES				
p.	Muscle relaxers (e.g., Baclofen, Flexeril, Zanaflex)	NO	YES				
q.	Sedatives or sleeping pills (e.g., Halcion, Methaqualone, Phenobarbital, Seconal)	NO	YES				
r.	Anti-inflammatory or anti-immune drugs (e.g., Cytoxan, Imuran, Prednisone, Steroids)	NO	YES				
S.	Treatment for HIV	NO	YES				
t.	Thalidomide (please specify why medication was prescribed)	NO	YES				
u.	Misoprostol (please specify why medication was prescribed)	NO	YES				
٧.	Other (please specify why medication was prescribed)	NO	YES				

14. In this pregnancy, did the birth mother do any of the following activities? If so, did she do so <u>before</u> or <u>after</u> she knew she was pregnant or <u>both</u> (i.e., before AND after she knew she was pregnant)?

(circle one for each item)

				Whe	n was this d	done
		NO	YES	<u>Before</u>	<u>After</u>	<u>Both</u>
a.	Drink alcohol	NO	YES	Before	After	Both
b. c.	Smoke cigarettes or other tobacco products	NO NO	YES YES	Before Before	After After	Both Both

Questions regarding labor, delivery and newborn information for the	child in the study.
15. When did the birth mother go into labor	(weeks) DON'T KNOW
16. Did the doctor need to induce the birth mother's labor (i.e. get her $DON'T\ KNOW$	labor started)? NO YES
17. Did the doctor need to restart or speed up her labor with pitocin?	NO YES DON'T KNOW
18. How long was the birth mother's labor? hours	DON'T REMEMBER
19. Were the doctors worried that the baby was in distress? (For examin the baby's heart rate.) NO YES DON'T KNOW If YES	nple, the monitor showed a decrease
19a. When did this happen? (circle all that apply) early in labor, after trans	sition, just before delivery
20. Did the birth mother have any other problems during her labor? If YES	NO YES DON'T KNOW
20a. What happened?	
21. Did the birth mother have any pain killing medication/anesthesia d	luring the labor? NO YES DON'T
If YES	to an Parthau North an Parthau
21a. What type? (circle all that apply) local nerve (pudendal) block, oral paepidural/spinal, Don't Know	ain medications, IV pain medications,
22. How was the baby delivered? VAGINAL C-SECTION	N
for C-SECTION	
22a. Why was the c-section performed? (circle all that apply) Emergency, coming down the birth canal), Baby was feet first (breech) or turned sidewa because mother had had one before, Planned for convenience, Concerns a vaginally, Other	ys (transverse), Planned for repeat
for VAGINAL	
22b. Did they use FORCEPS? NO YES DON'T KNOW	
22c. Did they use a vacuum? NO YES DON'T KNOW	

24. Were there any other problems with the umbilical cord (eg it collapsed or had a knot in it)? NO YES DON'T KNOW		
25. Were there any problems with the placenta? NO YES DON'T KNOW if YES25a. Did the placenta separate from the uterus too early (abruption)? NO YES DON'T KNOW		
26. Did this baby need to have resuscitation such as having the nurses and doctors help him/her breathe or get his/her heart started in the delivery room? NO YES DON'T KNOW		
27. What were the baby's APGAR scores? 27a. first APGAR (at 1 minute) DON'T KNOW 27b. second APGAR (at 5 minutes) DON'T KNOW 27c. third APGAR (at 10 minutes- often not recorded) DON'T KNOW		
28. How much did this <u>baby</u> weigh at birth? pounds ounces or grams DON'T KNOW		
29. What was the baby's head circumference at birth? cm_ or inches DON'T KNOW		
30. What was the baby's length at birth? cm or inches DON'T KNOW		
31. Did this baby stay in the neonatal intensive care unit? NO YES DON'T KNOW If YES		
31a How long? days or hours 31b. Was the baby on a respirator (ventilator)? NO YES DON'T KNOW if YES		
31c. for how long? hours ordays DON'T KNOW		
40. How many days or hours total did this baby stay in the hospital (after delivery up until discharge, including the neonatal ICU)? days DON'T KNOW		
41. How many days did the mom stay in the hospital? DON'T KNOW		
Questions regarding early period (newborn & first year) for the child in the study.		
42. Did the baby have any major problems in the newborn period (0-30 days of life)? NO YES DON'T KNOW		
IF YES, what type? (circle one for each item)		
42.a. Birth defects: NO YES		

	If YES please choose type	head deformities body deformities limb deformities heart deformities kidney deformities stomach/intestine deformities
42.1	o. Sepsis (bacterial blood infection)	NO YES
42.0	Jaundice, hyperbilirubinemia, yellow skin <i>If YES</i> what treatment was given (<i>circle all that apply</i>) No treatment, phototherapy (special lights), exchange transfusion (blood transfusion)	NO YES
42d	. Seizures	NO YES
42e	. Meningitis	NO YES
42f.	High fever (>38.5 or 101.5)	NO YES
42g	Other	NO YES
	the birth mother breast feed the baby? old was the child <i>in months</i> when s/he receivence.	NO YES DON'T KNOW ved the last/final breast milk feeding?
If Yi a. b. KNO	Did the baby have a poor suck? NO YES Did the baby require special feeds (e.g. thickened	ON'T KNOW d liquid or special nipples)? NO YES DON'T
46. Did	the baby have trouble gaining weight?	NO YES DON'T KNOW
	w was the baby's early temperament? (Circle of Easy) - Easy - Fussy or colicky - Quiet or passive - Can't say	
-1 0. 110\	- Regular/Predictable	ne. <i>)</i>

- 4

 - Regular/Predictable Irregular/Unpredictable Can't say

Questions regarding medical problems for the child in the study. Birth Defects Is there any known abnormality in this area? ☐ NO ☐ YES ☐ DON'T KNOW If YES, check all that apply: Cleft lip Cleft palate Ears deformed Nose deformity Arms, legs, hands, feet, trunk deformities Spine defect (spina bifida) Is there any known abnormality in this area? NO YES DON'T KNOW Head/Face/Mouth If YES, check all that apply: Early closing of the sutures (craniosynostosis) Dental or Tooth Deformity (shape, enamel, number, location) Regurgitation through nose Other (list: __ Eyes Is there any known abnormality in this area? NO YES DON'T KNOW If YES, check all that apply: Abnormal structure of the eye Strabismus (lazy eye) Color blindness Poor vision Blindness Other (list: Is there any known abnormality in this area? NO YES DON'T KNOW If YES, check all that apply: Ears set too low or too high Tinnitus (ringing in the ear) Recurrent Infections Number per year when happening most frequently Ear tubes placed Hearing trouble How was this diagnosed? At what age was the child when this was diagnosed? _____ Other (list: _____ Nose/throat Is there any known abnormality in this area? ☐ NO ☐ YES ☐ DON'T KNOW If YES, check all that apply: Nosebleeds Trouble perceiving smells Too sensitive to smells Tonsillitis Snoring Tonsillectomy Adenoidectomy Other (list: Neck/Back Is there any known abnormality in this area? \(\subseteq NO \subseteq YES \subseteq DON'T KNOW \) If YES, check all that apply:

Other (list:)
Orthopedic Is there any known abnormality in this area? NO YES DON'T KNOW If YES, check all that apply:
Fractures Muscle/bone/joint pain Edema (swelling caused by excess fluid) Stiffness Joint swelling Heat or redness of joints Other (list:)
Skin Is there any known abnormality in this area? NO YES DON'T KNOW If YES, check all that apply:
Eczema
Pulmonary Is there any known abnormality in this area? NO YES DON'T KNOW If YES, check all that apply:
Shortness of breath Asthma Recurrent pneumonias Chonic bronchitis Blood in sputum Other (list:)
<u>Cardiovascular</u> Is there any known abnormality in this area? ☐ NO ☐ YES ☐ DON'T KNOW If YES, check all that apply:
Congenital heart disease Heart murmur Blue discoloration to skin and lips (cyanosis) Heart rate too slow or too fast or not rhythmic (arrhythmia) Other (list:)
Gastrointestinal
Poor appetite Swallowing difficulty Overeating Severe abdominal pain Abdominal bloating Chronic Diarrhea Chronic Constipation Blood in stool Pus in stool Unexpected weight loss or weight gain Gastroesophageal reflux (GERD) Indigestion

Pica (eating non-food materials) Excessively picky eater Other (list:)
Genito-Urinary Is there any known abnormality in this area of development? ☐ NO ☐ YES ☐ DON'T KNOW If YES, check all that apply:
Deformity (ambiguous genitalia, hypospadias, etc.) Undescended testicles Testicle too large, too small, too hard, with lump Pain with urination Blood in urine Discharge Urinating too frequently, too seldom Urinary tract infection Other (list:)
Endocrine/Metabolic Is there any known abnormality in this area? ☐ NO ☐ YES ☐ DON'T KNOW If YES, check all that apply:
Problems with thyroid gland Swelling of neck Diabetes Hypoglycemia (documented low blood sugar) Significantly overweight or underweight History of failure to thrive as an infant Too tall for age Too short for age Overweight for age Underweight for age Gaining weight too fast, too slow Growing taller too slowly, too fast Developing sexually too fast, too slow Difficulty regulating body temperature (gets too hot or too cold) Unusual body odor or smell Unusual smell of the urine Child often shows a regression or loss of skills during illnesses Tires more easily than other children Unusual response to anesthesia Other (list:
Allergic/Immunologic Is there any known abnormality in this area? NO YES DON'T KNOW If YES, check all that apply:
Allergies TYPE: Circle all that apply: FOOD ENVIRONMENTAL (dust, pets, etc) SEASONAL (hayfever) OTHER: Immunodeficiency (immune system doesn't work right) TYPE: Autoimmune disorder (Immune system overactive) TYPE: Swelling of lymph nodes (glands) Frequent infections
Hematologic/Cancer Is there any known abnormality in this area? NO YES DON'T KNOW If YES, check all that apply:
Anemia (low red blood count) Tires more easily than other children

Paleness Cancer TYPE:
Infectious Diseases Has the child had any of the following illness? NO YES DON'T KNOW If YES, check all that apply:
Influenza
<u>Neurological</u> Is there any known abnormality in this area? ☐ NO ☐ YES ☐ DON'T KNOW If YES, check all that apply:
Headache Muscle rigidity Tremor Tic movements Dystonia (a slow movement or extended spasm in a group of muscles) Akathisia (restlessness of arms and legs) History of meningitis or encephalitis Dizziness/faintness Unusual walking pattern Balance trouble Coordination trouble Weakness Loss of consciousness Severe sleep disturbance Seizures with fever only Seizures without fever (epilepsy) Speech articulation difficulties Speech or oral-motor apraxia Whole body apraxia (motor planning difficulty) Weakness Shear Whole solve Weakness Shear Sh
Psychiatric Is there any known abnormality in this area? NO YES DON'T KNOW If YES, check all that apply:
Diagnosed with ADHD Trouble with attention or concentration Excessively distractable Hyperactive Diagnosed with depression Diagnosed with bipolar/ manic depression Diagnosed with anxiety disorder Diagnosed with OCD Diagnosed with Schizophrenia Panic attacks Hallucinations Self injurious behavior Been admitted to a psychiatric hospital

Genetic Syndromes	Is there any known abnormality in this area of development?	☐ NO ☐ YES ☐ DON'T
KNOW		
If YES, check all that a	apply:	
Fragile X		
Tuberous Sclerosis		
Neurofibromatosis		
Rett Syndrome		
Angelman Syndrome [
Prader Willi Syndrome		
Other chromosomal at	onormality, disorder, or syndrome (specify):	

Diagnostic Tests and Procedures the Child has had

Has the child ever had his/her hearing tested? NO YES DON'T KNOW

If YES circle all that apply and tell us HOW OLD THE CHILD WAS WHEN TESTED

	Age at test	Date	Location
Behavioral audiometry			
ABR or BEAR			
Tympanogram			
Otoacoustic emissions			

Has the child ever had a brain scan? NO YES DON'T KNOW

If YES circle all that apply and tell us HOW OLD THE CHILD WAS WHEN SCANNED

	Age at test	Date	Location
CAT or CT scan			
MRI scan			
MRS scan			
SPECT scan			
PET scan			
Other			

Has the child ever had an EEG or MEG (test of the brain waves)? NO YES DON'T KNOW If YES circle all that apply and tell us HOW OLD THE CHILD WAS WHEN HE/SHE HAD THE EEG.

	Age at test	Date	Location
EEG			
MEG			
OTHER (repeat EEGs, ERP's etc)			

History of SURGERIES and HOSPITALIZATIONS

Has the child ever had surgery? NO YES DON'T KNOW

If YES, please fill in table below

TYPE OF SURGERY	WHY IT WAS DONE	DATE

Has the child had any other hospitalizations besides these surgeries? NO YES DON'T KNOW If YES, please fill in the table below

WHY HOSPITALIZED	HOW MANY DAYS DID HE/SHE STAY	DATE

lacksquare	

History of Medications, Supplements, Special Diets

Is the child currently on any prescription medication?	□ No	☐ Yes	☐ Not sure
If yes please list:	1)		
	2)		
	3)		
	4)		
	5)		
In the past has the child been on prescription	☐ No	☐ Yes	■ Not sure
medication to help with his/her symptoms of			
autism? If yes please list	1)		
ii yes piease iist	2)		
	3)		
	4)		
	5)		
Please indicate all other medical treatments	0)		
used to treat the child's symptoms of autism?			
IVIG	☐ Now	In the past	■ Never ■ Not sure
Chelating medications	☐ Now	☐ In the past	□ Never □ Not sure
Hyperbaric oxygen chamber	□ Now	☐ In the past	□ Never □ Not sure
Supplemental vitamins	☐ Now	☐ In the past	□ Never □ Not sure
Herbal supplements such as Gingko or	☐ Now	☐ In the past	☐ Never ☐ Not sure
Echinacea Fatty acid supplements?	☐ Now	☐ In the past	☐ Never ☐ Not sure
		<u> </u>	
Amino acid supplements?	□ Now	☐ In the past	☐ Never ☐ Not sure
Mineral supplements like iron or zinc?	□ Now	☐ In the past	☐ Never ☐ Not sure
Is the child's diet limited in any way to help behaviors?	□ Now	☐ In the past	☐ Never ☐ Not sure
Gluten free?	□ Now	☐ In the past	□ Never □ Not sure
Casein free?	□ Now	☐ In the past	□ Never □ Not sure
Feingold?	☐ Now	□ In the past	■ Never ■ Not sure
No processed sugars?	☐ Now	☐ In the past	□ Never □ Not sure
No sugars or salicylates?	□ Now	□ In the past	■ Never ■ Not sure
Other:	☐ Now	☐ In the past	□ Never □ Not sure
Has the diet been helpful?	NO	YES	CAN'T SAY

PART IV Questions regarding family history for the child participating in the study. Many people don't know their family medical history very well and sometimes it helps to ask extended family members if they know anyone in the family who has had various illnesses or conditions. Below is a list of things we are interested in and we would like to know if they have been seen in the child's blood relatives (siblings, mother and/or father, grandparents, aunts, uncles or cousins).

TYPE OF DISORDER	EXAMPLES	WHO HAD IT?
Autism Spectrum	Autism	
Disorders:	Asperger's	
	PDD-NOS	
	Childhood Disintegrative Disorder	
Genetic Disorders or	Rett Syndrome	
Syndromes:	Fragile X	
	Tuberous Sclerosis	
	Neurofibramatosis	
	Prader Willi or Angelman Syndrome	
	Down Syndrome	
	Other genetic syndrome (eg Sotos	
	syndrome, Joubert syndrome, Williams	
	syndrome)	
	Phenylketonuria (PKU)	
	Chromosomal abnormalities (deletions,	
	duplications)	
Developmental	Mental retardation	
Problems	Speech delay requiring therapy	
	Learning Disabilities	