

1. Present age of child:

| 1 | Under 3 years old |
| :--- | :--- |
| -2 | Between 3 and 4 years old |
| -3 | Between 4 and 5 years old |
| -4 | Between 5 and 6 years old |
| $-45^{\circ}$ | Over 6 years old (Age: | years)

("Note: This Check List is designed primarily for children 3 to 5 years old. If child is over 5, answer as well as you can by recall of child's behavior.)
2. Indicate child's sex:

3. Child's birth order and number of mother's other children:
Child is an only child
Child is first bom of $\qquad$ _children
Child is first born of _ children
Child is tast born of _ children
Child is middle bom; children are older and
are younger than this child
_ 5 Foster child, or don't know
4. Were pregnancy and delivery normal?

Pregnancy and delivery both normal
_3 Pregnancy troubled, routine delivery
_4 4 Pregnancy untroubled; problems during delivery
_- 5 Don't know
5. Was the birth premalure (birth weight under 5 lbs )?

6. Was the child given oxygen in the first week?

|  | Yes |
| :--- | :--- |
| -2 | No |
| -3 | Don't know |

7. Appearance of child during first fow weeks after birth:

$$
\begin{array}{ll}
\text { Appeara } & \text { Pale, delicate looking }
\end{array}
$$

3. Uriusual conditions of birth and infancy (check only one number in lett-hand column):

4. Concerning baby's health in first 3 months:

| 1 | Excellent heatth, no problems |
| :---: | :---: |
| 2 | Respiration (frequent infections__, other_ |
| 3 | Skin (rashes__, infection__, aliergy |
|  | other |
| 4 | Feeding (leaming to suck $\qquad$ , colic $\qquad$ vomiting , other |
| 5 | Elimination (diartea__, constipatio |
|  | other_ |
| 6 | Several of above (indicate which): 2_, 3_, 4 $5$ |

10. Has the child been given an electroencephalogram (EEG)?

| 1 | Yes, it was considered normal |
| :--- | :--- |
| $=2$ | Yes, it was considered borderline |
| $=3$ | Yes, it was considered abnornal |
|  | No, or don't know, or don't know results |

11. In the first year, did the child react to bright lights, bright colors, unusual sounds, atc.?

| $\ldots$ | Unusually strong reaction (pieasure____ <br> Unusually unresponsive |
| :--- | :--- |
|  | Average, or don't know |

12. Did the child behave normally for a time before his abnormal behavior began?
Never was a period of no
Normal during first 6 mon
13. Did the child rock in his crib as a baby?
\(\left.\begin{array}{ll}1 \& Yes, quite a lot \\

Yes, sometimes\end{array}\right\}\)| No, or very little |
| :--- |
| Don't know |

15. At what age did the child learn to walk alone?

| $=1$ | 8.12 months |
| :--- | :--- |
| -2 | $13-15$ months |
| 3 | $16-18$ months |
| -4 | $19-24$ months |
| -6 | 25.36 months |
| -6 | 37 months or later, or does not waik alone |

16. Which describes the change from crawling to walking?
1
$-\quad 2$
$-\quad 3$
$-\quad 4$
-6

Normal change from crawling to walking
Littie or no crawling, gradual start of walking Litte or no crawling, sudden stan of walking Prolonged crawling, sudden start of walking Protonged crawling, gradual start of walking Other, or don'l know
17. During the ehlld's first year, did he seem to be unusually intelligent?
$\begin{array}{ll}\text { _1 } & \begin{array}{l}\text { Suspected high intelligence } \\ \text { Suspected average intelligence }\end{array} \\ \text { Child booked somewhat dull }\end{array}$
18. During the child's first 2 yars, did the like to be held? Liked being picked up; enjoyed being held Limp and passive on being held
You could pick child up and hold it only when and how it preterred
Notably stith and awkward to hold
Don't know
19. Betore age 3, did the child ever imitate another person? Yes, waved bye-bye
Yes, played pat-a-cake
Yes, other
Two or more of above (which? 1__, 2__, 3_)
No, or not sure
20. Before age 3, did the child have an unusually good memory?
_1 Remarkable memory for songs, mymes, TV com. merciais, etc., in words
_2 Remarkable memory for songs, music (humming only)
_ 3 Remarkable memory for names, places, routes, etc.
_ 4 No evidence for remarkable memory
— 5 Apparently rather poor memory
-6
$-\quad 7$
Both 1 and 3
Both 2 and 3
21. Did you ever suspect the child was very nearly deaf? $\begin{array}{cc}1 & \text { Yes } \\ -2 & \text { No }\end{array}$
22. (Age 24) is child "deaf" to some sounds, but hears others? _1 Yes, can be "deaf to loud sounds, but hear low ones
_2 No, this is not true of him
23. (Age 2-4) Does child hoid his hands in strange postures?
$\begin{array}{ll}1 & \text { Yes, sometimes or often } \\ & 2\end{array}$
24. (Age 2-4) Does child engage in ithythmic or rocking activity for very long periods of time (like on rocking-horse or chair, jump-chair, swing, etc.)?
Yes, this is typical
-2 Seldom does this
—3 Not true of him
25. (Age 2-4) Doas the child evar "look through" or "walk through" people, as though they weren't there?
__ 1 Yes, often
-_ 2 Yes, I think so
_3 No, doesn't do this
26. (Age 2-5) Does child have any unusual cravings for things to eat or chew on?
_- 1 Yes, salt or salty foods
Yes, salt or salty foods
Yes, often chews metal objects
Yes, other
Yes, more than 2 above
(which?
No, or not sure
27. (Age 2-4) Does child have certain eating oddities such as refusing to drink from a transparent container, eating only hot (or coid) food, eating only one or two foods, ele.?

- 1 Yes, definitely
-2 No, or not to any marked degree
__3 Don't know

28. Would you deseribe your child around age 3 or 4 as often seeming "in a shell," or so distant and "lost in thought" that you couldn't raach him?
-1 Yes, this is a very accurate description
$\qquad$ Once in a while he might possibly be like that Not an accurate description
29. (Age 2-5) is he cuddly?

- 1 Definitely, likes to cling to adults
—2 Above average (likes to be held) Above average (likes to be held)
No, rather stift and awkward to hold Don't know

30. (Age 3-5) Does the child deliberately hit his own head? - 1 Never, or rarely
-2 Yes, usually by slapping it with his hand
__ Yes, usually by banging it against someone else's legs or head
_- 4 Yes, usually by hitting walls, fioor, tumiture, etc.
_5 Several of above (which? 2__, 3_4_)
31. (Age 3-5) How well physically coordinated is the child (running, walking, balancing, climbing)?
_ Unusually graceful
-2 2 About average
_-3 Somewhat below average, or poor
32. (Age 3-5) Does the child sometimes whir himself like a top?

| 1 | Yes, does this often <br> Yes, sometimes |
| :--- | :--- |
| 2 | 3 |
| Yes, Hyou start him out |  |

33. (Age 3-5) How skillful is the child in doing fine work with his fingers or playing with small objects?

| -1 | Exceptionally skillful <br> Average for age |
| :--- | :--- |
| $=3$ | A little awkward, or very awkward <br> Don't know |
| $=4$ |  |

34. (Age 3-5) Does the child like to spin things like jar lids, coins, or coasters?

| Yes, often and for rather long periods |
| :--- |

35. (Age 3-5) Does child show an unusual degree of skill (much better than normai child his age) at any of the following:


Assembling jig saw or similar puzzies Arithmetic computation
Can tell day of week a certain date will fall on Perfect musical pitch Throwing andor catehing a ball Other:
More than one of above (which?
8 No unusual skill, or nol sure
36. (Age 3-5) Does the child sometimes jump up and down
gleetully when pleased?
1
Yes, this is typical
_2 No or rarely
37. (Age 3-5) Does child somatimes line things up in precise, evenly-spaced rows and insist they not be disturbed?

| 1 | No |
| :--- | :--- |
| -2 | Yes |
| -3 | Nol sure |

38. (Age 3-5) Does the child refuse to use his hands for an axtended period of time?

|  |  |
| :--- | :--- |
| -1 | Yes |
| -2 | No |

39. Was there a time before age 5 when the child atrongly insisted on listening to music on records?

Yes, insisted on only certain records
Yes, but almost any record would do
Liked to listen, but didn't demand to
No special interest in records
40. (Age 3-5) How interested is the child in mechanical obfects such as the stove or vacuum cleaner?

|  | 1 |
| :--- | :--- |
| -2 | Little or no interest <br> Average interest |
| -3 | Fascinated by certain mechanical things |

41. (Age 3-5) How does ehild usually react to being interrupted at what the is doing?

- Rarely or never gets upset
_工_ Sometimes gets mildly upset; raraly very upset -_3 Typically gats very upset

42. (Ag0 3-5) Will the cinild readily accept now articies of elorhing (shoes, conts, ate.)?
-_ Usualty resists new clothes
——2 Doesn't seem to mind, or enjoys them
43. (Age 3-5) is ehild upset by cartain things that are not "right" (like crack in wall, spot on rug, books leaning in bookease, broken rung on chair, pipe held and not smoked)?

| _1 11Not especially <br> Yes, such things often upset him greatly <br> Not surs |
| :--- | :--- |

4. (Age 3-5) Does child adopt compliested "ituals" which make him very upeet $H$ not followed flike putting many dolls to bed in a certain order, taking exactly the same routs between two piaces, dressing according to a precise pattern, or insisting that only certain words be used in a given situation)?

- 1 Yes, definitely

| 2 | Not |
| :--- | :--- |

45. (Age 3-5) Does child get very upeat $H$ certain things he is used to are changed (like furniture or toy arrangement, or cartain doors which must be left open or shut)?

| $\ldots$ | No |
| :--- | :--- |
| $\ldots$ | Yes, definitely |
|  | Slighty true |

46. (Age 3-5) is the child destructive?

- 1 Yes, this is definitely a problem

Not deliberately or severaty destructive
Not especially destructrve
47. (Age 3-5) is the child unusually physically pliabie (can be led easily; melts into your arms)?

- 1 Yes
-2 Seems normal in this way
3 Definitely not pliable

48. (Age 3-5) Which single description, or combination of two descriptions, best characterizes the child?
_ 1 Hyperactive, constantly moving, changes quickiy
trom one thing to another
__ 2 Watchas television quiatly for long periods
__ Sits for long periods, staring into space or playing
repetitivety with objects, without apparent purpose
Combination of 1 and 2
-_ ${ }_{5}^{4}$ Combination of 2 and 3

- 6 Combination of 1 and 3

49. (Age 3.5 Does the child-seem to want to be liked?
$\begin{array}{ll}1 & \text { Yes, unusually so } \\ 2 & \text { Just nomally so }\end{array}$
___ 3 Indifterent to being liked: happiest when lett alone
50. (Age 3-5) is child sensitive and/or affectionate?

| 1 | Is sensitive to criticism and aflectionate |
| :--- | :--- |
| -3 | is sensitive to criticism, not affectionate |
| Not sensitive to criticism, is affectionate |  |

51. (Age 3-5) is it possible to direct child's attention to an object some distance away or out a window?

## _ 1 Yes, no spacial problem

__ 2 He rarely sees things very far out of reach He examines things with fingers and mouth only
52. (Age 3-5) Do people consider child especially attractive? - 1 Yes, very good-looking child No, just average
__3 Fautly in physical appearance
53. (Age 3-5) Does the child look up at people (meet their -yes) when they are talking to him?
$\begin{array}{ll}1 & \text { Never, or rarely } \\ -2 & \text { Only with parents }\end{array}$
-3 Usually does

54. (Age 3-5) Does the chid take an adult by the wrist to use adult's hand (to open door, got cookies, turn on TV, etc.)? | -1 | $\begin{array}{l}\text { Yes, this is typical } \\ -2\end{array}$ |
| :--- | :--- |
|  | Pemaps, or rarely |
55. (Age 3-5) Which set of terms best describes the ehild? - 1 Contused. sell concemed, perpiexed. dependent. worned
__2 Aloot, inditlerent. sell-contented. remote
56. (Age 3-5) is the ehild extremely fearful?

- 1 Yes. of strangers or certain people Yes. of cerrain animats, noises or objects Yes, of 1 and 2 above Only nomal leartiuiness Seems unusually bold and free of fear Chid ignores or is unaware of fearsome objects

57. (Age 3-5) Does the fall or get hurt in running or elimbing? Tends toward talling or injury Average in this way
Never, or almost never, exposes sall to falling Surprisingly sade despite active dirrbing, swimming, ete
58. (Age 3-5) is there a problem in that the child hits, pinches, bites or otherwise injures himself or others?
__1 Yes, sell only
Yes, others only
Yes, orhers only
Yell and others
_3 Yes, self and others
59. At what age did the child say his first words (even H later stopped talking)?

|  |  |
| :--- | :--- |
| $=1$ | Has never used words |
| -2 | $8-12$ months |
| -3 | $13-15$ months |
| -4 | $16-24$ months |
| -5 | 2 years -3 years |
| -6 | 3 years -4 years |
| -7 | Atter 4 years old |
| -8 | Don't know |

59a. On lines below list child's first six words (as well as you can remamber thern)
$\bar{\square}$
60. (Betore age 5) Did the child start to talk, then become silent again for a week or more?
-1 Yes, but tater talked again (age
_2 Yes, but never stanted again (age
Stopped____
___ No, continued to talk, or never began talking
61. (Betore age 5) Did the child start to talk, then stop, and begin to whisper instead, for a week or more?
-i Yes, but later talked again (age
2 stopped duration
_2 Yes, still only whispers
(age stopped talking
_ 3 Now doesn't even whisper (stopped
talk $\qquad$ ;istopped whisper-
$\qquad$ 4 No, continued to talk, or never began talking
62. (Age 1-5) How wall could the child pronounce his first words whan learning to speak, and how well ceusid ine pronounce difficult words between 3 and 5 ?
__ 1 Too little speech to tell, or other answer
-_2 Average or below average pronunciation of first words ("wabbit," etc.), and also poor at 3 to 5
3 Average or below on first words, unusualty giod at 35
_4 Unusually good on first words, average or below at 3 5
5 Unusually good on first words, and also at 3-5
63. (Age 3-5) is the child's vocabuiary (the number of things he can name or point to accurately) greatly out of proportion to his ability to "communicate" (to answer questions or tall you something)?
_1 He can point to many objects I name, but doesn't speak or "communicate"
2 He can correctly name many obiects, but nod "commuri cale ${ }^{-}$
_3 Abiaty to "communicate" is pretty good-about what you would expect from the number $\alpha$ worcs he knows
__ Doesn't use or understand words
64. When the child spoke his first sentences, did he surprice you by using words he had not used individually batore?

| Yes (Any examples? |  |
| :--- | :--- |
| $=2$ | No <br> -3 |
| Not sure |  |
| -4 | Too litte speech to tell |

65. How did child rator to himsolf on firat leaming to talk?
__ 1 "(Jonn) fall down" or "Baby (or Boj) fall down.
"Me tall down" or "I fall down"
"(He. Him, She, or Her) fall down"
"You tall down"
Any cormbination of 1, 2, and/or 3
No speech or too litite speech as yet
66. (Age 3-5) Does child repeat phrases or sentences that he has heard in the past (maybe using a hollow, parrot-like voica), what la said having litite or no relation to the situation?

| 1 | Yes, definitely, except voice not hollow or parrot- |
| :---: | :---: |
|  | like |
| 2 | Yes, detinitely, inciuding peculiar voice tone |
| 3 | Not sure |
| 4 | No |
| 5 | Too litte speech to tell |

67. (Betore age 5) Can child answer a simple question like "What is your first name?" "Why did Mommy spank Blily?"


Yes, can answer such questions adequately No, uses speech, but can't answer questions Too littie speech to tell
68. (Betore aga 5) Can the child understand what you say to him, judging from his ability to follow instructions or answer you?

69. (Bafore age 5) It the child talks, do you feel he understands what he is saying?

- 1 Doesn't talk enough to tell

No, he is just repeating what he has heard with hardly any understanding
_ 3 Not just repeating-he understands what he is saying, but not well
$\qquad$ 4 No doubt that he understands what he is saying
70. (Batore age 5) Has the child used the word "Yes"? (Betore Has used Yes" faity otten and correctly Heldom has used Yes," but has used it Has used sentences, but hasn't used word "Yes" Has used a number of other words or phrases. out hasn't used word "Yes"
5 Has no speech, or too litile speech 10 tell
71. (Age 3-5) Doas the child typically say "Yas" by repeating the same question he has been asked? (Example: You ask "Shall wo go for a walk, Honey?" and the indicates he does want to by asying, "Shall we go for a walk, Honey?" or "Shall we go for a walk?")
Honcy? 1 Yes, definitaly, does not say yes" directly
1 Yes, definitely, does not say "yes" directly
_ 2 No, would say Yes" or "OK or similar answer
-3 Not sure
__4 Too little speech to say
72. (Before age 5) Has the child asked for something by using the same sentence you would use when you offer it to him? (Example: The child wants milk, so he says: "Do you want some milk?" or "You want some milk?")

Yes, definitely (uses "You instead of "1")
No, would ask difterantly
Not surs
Not anough speech to tell
73. (Betore age 5) Has the child used the word "yo?
_1 l las used "t lairly often and correctly Seldom has used "1," but has used it correctly Has used sentences, but hasn't used the word ${ }^{\circ}$ Has used a number of words or phrases. but hasn't used the word "P
5 Has used " $\mathrm{f}_{1}$, but onty where word you" betonged -6 Has no speech. or too litile speeech to tell
74. (Before age 5) How does the child usually say "No" or refuse somathing?
He would just say "No"
-2 He would ignore you
He would grunt and wave his amms
He would use some rigid meaningtul phrase (like
"Don't want it!" or "No milk!," "No walk!")Woukd use phrase naving only private meaning like "Daddy go in car'
6 Other, or too littie speech to teil
75. (Betore age 5) Has the child used one word or idea as a substitute for another, for a proionged time? (Exampie: aiways says "eatsup" to mean "red," or uses "penny" for "drawer" attar soeing pennies in a desk drawer)

| $=1$ | Yes, definitaly |
| :--- | :--- |
| $=3$ | No |
| -3 | Not sure |
| -4 | Too litte speech to tell |

76. Knowing what you do now, at what age do you think you could have first detected the child's abnormal behavior? That is, when did detactable abnormal behavior actually begin? (Under "A," indicate when you might have; under " $\mathrm{B}^{\prime \prime}$ when you did)

## A. Might have noticed

| 1 | In first 3 months |
| :---: | :---: |
| 2 | 4-6 months |
| 3 | 7.12 months |
| 4 | 13-24 months |
| 5 | 2 years-3 years |
| 6 | 3 years-4 years |
| -7 | After 4th year |


| B | Actually did notice |
| :---: | :---: |
|  | 2 |
| - | -3 |
|  | 4 |
|  | 5 |
|  | - 6 |
|  | -7 |

Parents' highest educational level ( 77 for father, 78 for mother)

| 77 Father | 78 Mother. |
| :--- | :--- |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

1. Did not graduate high school
2. High school graduate
3. Post high school tech. training
4. Some college
5. College graduate
6. Some graduate work
7. Graduate degree $\qquad$
8. Indicate the chlld's nearest blood relatives, including parents, who have been in a mental hospital or who were known to have been seriously mentally ill or retardend. Consider parents, siblings, grandparents, uncias and aunts
If none, check here $\square$

| Reiationship | Diagnosis (if known) |  |  |
| :---: | :---: | :---: | :---: |
| 1 | Schizophrenia | Depressive | Other |
| 2 | Schizophrenia | Depressive | Other |
| 3 | Schizophrenia | Depressive | Other |
| 4 | Schizophrenia | Depressive | - Other |
| 5 | Schizophrenia | Depressive | Other |

## FORM E-2, PART 2

Please answer the following questions by writing "1" If Very True, "2" If True, and "3" If False on the line preceding the question. Except for the first two questions, which pertain to the child before age 2, answer Very True* (1) or True" (2) if the statement described the child any time beiore his 10th birthday. If the statement is not particulariy true of the child belore age 10, answer "Faise" (3).

Remember: $1=\mathrm{VERY}$ TRUE $2=$ TRUE $3=$ FALSE.
80. $\qquad$ Before age 2, arched back and bent head back, when held
81.__ Before age 2, struggled against being held
82. $\qquad$ Abnormal craving for certain foods
83. ___ Eats unusually large amounts of tood
84.__ Covers ears at many sounds
85._Only certain sounds seem painful to him
86. $\qquad$ Fails to blink at bright lights
87. Skin color lighter or darker than others in lamily (which: lighter___ darker___
88. $\qquad$ Preters inanimate (noniliving) things
89. $\qquad$ Avoids people
90. $\qquad$ Insists on keeping certain object with him
91. $\qquad$ Always frightened or very anxious
92. $\qquad$ Inconsolable crying
93. $\qquad$ Notices changes or imperiections and tries to correct them
94.___ Tidy (neat, avoids messy things)
95.__ Has collected a particular thing (toy horses, bits of glass, atc.)
96.__ Atter delay, repeats phrases he has heard
97.__ Atter delay, repeats whole sentences he has heard
98. $\qquad$ Repeats questions or conversations he has heard, over and over, without variation
99.___ Gets "hooked" or fixated on one topic (like cars, maps, death)
100. $\qquad$ Examines surfaces with fingers
101. $\qquad$ Holds bizarre pose or posture
102. $\qquad$ Chaws or swallows noniood objects
103. $\qquad$ Dislikes being touched or heid
104. $\qquad$ Intensely aware of odors
105. $\qquad$ Hides skill or knowledge, so you are surprised later on
106. $\qquad$ Seems not to feel pain
107. $\qquad$ Terrified at unusual happenings
108. $\qquad$ Leamed words useless to himself
109. $\qquad$

Please use the rest of this sheet for supplying additional information that-you think may be relevant to understanding the cause or diagnosis of the child's illness.

## Go on to PART 3

## Autism Research Institute <br> TREATMENT EFFECTIVENESS SURVEY

ARRI Form 34R

We will summarize the results in easy-to-understand form, for publication in ARRI, the ASA Advocate, and elsewhere.

The more data we coliect, the more meaningful the results will be. So-parents, please complete and return this form. Parents and professionals, please copy and distribute this form.

THANK YOU-Bernard Rimland, Ph.D.

Dear Parent:
Parent experience is an extremely valuable, yet rarely used, source of information for assessing alternative means of treatment. The Autism Research Institute needs your help in evaluating the various forms of therapy, including drugs, which are used in treating autism.

PLEASE HELP by completing this form and returning it to ARI.

## ENTERALETTER TORATETREALMENT EEEECIIVENESS:

| A=DEFINITELY HELPED | D=NO DEFINITE EFFECT |
| :--- | :--- |
| B=MODERATE IMPROVEMENT | E=A LITTLE WORSE |
| C=POSSIBLY HELPED | F=MUCH WORSE |

1. DRUGS (*For anti-seizure drugs, use first line to rate behavior, second line for seizure control)


Please send completed form to ARI:
Autism Research Institute, 4182 Adams Ave., San Diego, CA 92116
Fax: 619-563-6840 or fill out the form at www.AutismResearchInstitute.com

