

Arizona Autism Coalition

April 20, 2011

PAS Work Group



Coalition Membership

Family Membership

- Member dues are a reasonable \$25 per year and include entrance to all Coalition meetings and conferences
- Coalition meetings provide families the opportunity to meet and ask questions of some of the top autism professionals working in the state of Arizona
- The Coalition provides immediate, accurate results and inquiries are handled within 24 hours of receipt
- News, events and resources are posted to the Coalition [website](#) daily
- Discount on select trainings and products from participating agency members.

Agency Membership

- Access for all employees to attend any Coalition event including meetings and conferences that take place throughout the year
- Agency members will also have the opportunity to advertise their services with a resource table at events; materials may be made available at meetings
- Access to our Membership Directory
- Marketing on the Coalition's [website](#), [Facebook](#), and [Twitter](#) pages

Participant Fee Structure

Category	Annual Fee
Family	\$25
Student	\$25
Individual/Professional	\$50
*Organization Level 1 (<\$1M)	\$200
*Organization Level 2 (>\$1M, <\$5M)	\$400
*Organization Level 3 (>\$5M)	\$600
Non-Paying (i.e. Government)	\$0

May 23, 2011

2nd Annual “Swinging *Fore* The Spectrum”

Visit our [website](#) for details!

- Key sponsorship entitles you to a foursome in the golf tournament, the chance to enjoy the associated meals and beverages, your company name in the player’s book, signage for a hole sponsorship and advertising in our Coalition roster. Cost \$3,000.
- Golf foursome includes a day of golf and reception. Cost \$1,000.
- Round of golf and reception. Cost \$250.
- Hole sponsorship allows you advertising signage and your company’s name in the player’s book. Cost \$300.

ALTCS PAS

How will the new tool effect ALTCS
eligibility?

General Changes

- Single scale for ages 0 to 5
- Greater number of items for older children
 - Not specifically pertaining to autism
- Sometimes “Yes” responses indicate a development problem
- Weighting for points according to age group

Weighting System by Age

Functional Section – Developmental Milestone Weights by Age Cohort

Wm W3

	6mos+	9mos+	12mos+	18mos+	24mos+	30mos+	36mos+	48mos+	60mos+
<i>Additional Milestones</i>	9 milestones	10 milestones	9 milestones	16 milestones	12 milestones	9 milestones	14 milestones	14 milestones	8 milestones
<i>Aggregate Milestones</i>	9 milestones	19 milestones	28 milestones	44 milestones	56 milestones	65 milestones	79 milestones	93 milestones	101 milestones
Under 9 Months	5.00								
9 – 11 Months	4.100	4.100							
12 – 17 Months	2.900	2.900	2.900						
18 – 23 Months	2.125	2.125	2.125	2.125					
24 – 29 Months	1.750	1.750	1.750	1.750	1.750				
30 – 35 Months	1.550	1.550	1.550	1.550	1.550	1.550			
36 – 47 Months	1.340	1.340	1.340	1.340	1.340	1.340	1.340		
48 – 59 Months	1.140	1.140	1.140	1.140	1.140	1.140	1.140	1.140	
60 Months +	1.030	1.030	1.030	1.030	1.030	1.030	1.030	1.030	1.030

** Still needs +*

“Extra” Points for ASD

- Two systems for “points”
 - Both start with initial diagnosis:
 - Autism, Pervasive Developmental Disorder, or Autism-like behaviors
 - First system
 - 18 months or older
 - Diagnosis plus six M-CHAT based items
 - Second system
 - 30 months or older
 - Diagnosis plus three behaviors
 - NOT mutually exclusive

AAC PAS Revision Workgroup

- Originally formed to push for revision
- “Revision” announced by DD in September 2010
- Reviewed the revised PAS
 - Identified questions that most children with ASD would meet easily
 - Identified problem items

“Extra” Point Systems

Medical Section & Medical + Developmental and Behavioral Combination Weights by Age Cohort

Age Cohort	Medical Conditions / Medical + Developmental and Behavioral Combinations				
	Cerebral Palsy	Epilepsy	Moderate, Severe or Profound MR	Autism + MCHAT [®] -Based*	Autism + Behaviors*
Under 9 Months	5.0	5.0			
9 – 11 Months	5.0	5.0			
12 – 17 Months	5.0	5.0			
18 – 23 Months	5.0	5.0		7.0	
24 – 29 Months	5.0	5.0		7.0	
30 – 35 Months	5.0	5.0		7.0	5.0
36 – 47 Months	5.0	5.0	15.0	7.0	10.0
48 – 59 Months	5.0	5.0	15.0	7.0	10.0
60 Months +	5.0	5.0	15.0	7.0	10.0

Also New! MCHAT Items

1. Does your child respond to their name when you call?
2. Does your child ever use their index finger to point to indicate interest in something?
3. Does your child ever bring objects to you?
4. Does your child imitate you?
5. Does your child take an interest in other children?
6. Does your child like being hugged or cuddled?
7. Does your child look at you when you talk to them?
8. If you point at a toy across the room, does your child look at it?

Behavior Items

1. Does your child sleep at least 8 hours in a 24 hour period?
2. Does your child do things over and over and cant seem to stop?
3. Does your child destroy or damage things on purpose?
4. Does your child hurt themselves on purpose?

Mock Case

6 months and older

Milestone			
		ASD	Questionable
1	Does your child lift their head when lying on their back?	0	0
2	When your child is on their tummy, does s/he straighten both arms and push their whole chest off the bed or floor?	0	0
3	If you hold both hands just to balance your child, does s/he support their own weight while standing?	0	0
4	Does your child reach for or grasp a toy?	0	0

Mock Case

6 months and older

Milestone			
		ASD	Questionable
5	Does your child try to pick up a crumb or Cheerio by using their thumb and all their fingers in a raking motion, even if they aren't able to pick it up?	0	0
6	Does your child make high-pitched squeals?	1	0
7	When a loud noise occurs, does your child respond? (For example, act startled, cry or turn toward this sound.)	0	1

Mock Case

6 months and older

Milestone			
		ASD	Questionable
8	Does your child show two or more emotions? (For example, laughs, cries, screams etc.)	0	1
9	Does your child act differently toward strangers than s/he does with you and other familiar people? (Reactions to strangers may include, for example, staring, frowning, withdrawing or crying.)	1	0
10	Does your child stiffen and arch their back when picked up?	0	1

Mock Case

9 months and older

Milestone			
		ASD	Questionable
11	Does your child roll from their back to their tummy, getting both arms out from under them?	0	0
12	When you stand your child next to furniture or the crib rail, does s/he stand, holding onto the furniture for support?	0	0
13	Does your child creep or move on their stomach across the floor?	0	0

Mock Case

9 months and older

Milestone			
		ASD	Questionable
14	Does your child sit supported (for example, in a chair with pillows etc.) for at least 1 minute?	0	0
15	If you call your child when you are out of their line-of-sight, does s/he look in the direction of your voice?	1	0
16	Does your child make non-word sounds? (That is, babble or jabber.)	0	1

Mock Case

Milestone Discussion

16. Does your child make non-word sounds? (That is, babble or jabber?)

- ✓ Lower kappa scores
- ✓ Old PAS: Does s/he “babble”, repeat sounds together (e.g., num-num-num)? (6 months and older)
- ✓ Workgroup Advice:
 - ✓ Should include a social element (eye contact, engagement)
 - ✓ Developmentally appropriate speech sounds?

Mock Case

9 months and older

Milestone			
		ASD	Questionable
17	Does your child look toward you (parent or caregiver) when hearing your (parent or caregiver's) voice?	1	0
18	Does your child enjoy playing peek-a-boo/pat-a-cake?	1	0
19	Does your child feed themselves a cracker or cookie?	0	0

Mock Case

12 months and older

Milestone			
		ASD	Questionable
20	Does your child walk around the furniture while holding on with only one hand?	0	0
21	Does your child crawl at least 5 feet on hands and knees, without stomach touching the floor?	0	0
22	Does your child hold a bottle or cup?	0	0

Mock Case

12 months and older

Milestone			
		ASD	Questionable
23	Does your child move an object from one hand to the other?	0	0
24	Does your child pick up a small object with thumb and fingers?	0	1
25	When playing with sounds, does your child make grunting, growling or deep-toned sounds?	0	1

Mock Case

12 months and older

Milestone			
		ASD	Questionable
26	Does your child coo or laugh or make other sounds of pleasure?	0	1
27	Does your child reach for familiar person when person holds out arms to them?	1	0
28	Does your child play with a doll or stuffed animal by hugging it?	1	0
29	Does your child suck or chew on finger foods? (For example, crackers, cookies, toast etc.)	0	0

Mock Case

18 months and older

Milestone			
		ASD	Questionable
30	Does your child stand up in the middle of the room by themselves and take several steps forward?	0	0
31	Does your child climb on furniture?	0	0
32	Does your child turn the pages of a board, cloth or paper book by himself/herself? (S/he may turn more than one page at a time.)	0	0

Mock Case

18 months and older

Milestone			
		ASD	Questionable
33	Without showing them how, does your child scribble back and forth when you give them a crayon (or pencil or pen)?	0	0
34	Does your child stack a small toy, block, cup, dish or other object on top of another one?	0	0
35	Does your child respond to their name when you call?	1	0

Mock Case

Milestone Discussion

35. Does your child respond to their name when you call?
- ✓ Old PAS milestone: Does s/he come when you call? (9 months and older)
 - ✓ New item from MCHAT, better
 - ✓ Response should be clear

Mock Case

18 months and older

Milestone			
		ASD	Questionable
36	Does your child say “Da-da” or “Ma-ma” or another name for parent or caregiver (including parent’s or caregiver’s first name or nickname)?	1	0
37	When you ask your child to point to their nose, eyes, hair, feet, ears and so forth, does your child correctly point to at least <i>one</i> body part? (They can point to themselves, you or a doll.)	0	1
38	If you point at a toy across the room, does your child look at it?	1	0

Benchmarks: Percent Agree 85%+ Kappa 0.60+

Mock Case

18 months and older

Milestone			
		ASD	Questionable
39	Does your child ever use their index finger to point, to indicate interest in something?	1	0
40	Does your child ever bring objects over to you?	0	1
41	Does your child imitate you? For example, you make a face – will your child imitate it?	1	0

Mock Case

18 months and older

Milestone			
		ASD	Questionable
42	Does your child take an interest in other children?	0	1
43	Does your child eat solid foods? (For example, cooked vegetables, chopped meats etc.)	0	0
44	Does your child dislike being hugged or cuddled?	0	1

Mock Case

Milestone Discussion

44. Does your child dislike being hugged or cuddled?
- ✓ When initiated by parents?
 - ✓ Look for typical social element

Mock Case

Milestone Discussion

- Talley at 18 months
 - 14 items qualifying for services
 - Age group weighting: 2.25
 - $14 * 2.25 = 31.5$
 - Plus 7 points for meeting MCHAT items
 - $31.5 + 7 = 38.5$, does not qualify
 - With questionable items (conservative)
 - 49.75

Mock Case

24 months and older

Milestone			
		ASD	Questionable
45	Does your child run?	0	0
46	Does your child jump, with both feet leaving the floor at the same time? (That is, can s/he jump up?)	0	1
47	Does your child flip light switches off and on?	0	1

Mock Case

Milestone Discussion

47. Does your child flip light switches off and on?
- ✓ Fine motor item
 - ✓ Not looking for repetitive behavior
 - ✓ Answering “yes” does not get a point

PILOT STUDY FINDINGS

24 months and older

Milestone			
		ASD	Questionable
48	Does your child put a small object in a cup and dump it out? (You may show them how.)	0	0
49	Does your child stack at least four small toys, blocks, cups, dishes or other objects on top of each other?	0	0
50	Does your child name at least three objects? (For example, bottle, dog, favorite toy etc.)	0	1

PILOT STUDY FINDINGS

24 months and older

Milestone			
		ASD	Questionable
51	Does your child follow instructions with one action and one object? (For example, “Bring me the book”; “Close the door” etc.)	1	0
52	Does your child demonstrate understanding of the meaning of <i>no</i> , or word or gesture with the same meaning? (For example, stops current activity briefly.)	0	1
53	Does your child copy the activities you do, such as wipe up a spill, sweep, shave or comb hair?	1	0

PILOT STUDY FINDINGS

24 months and older

Milestone			
		ASD	Questionable
54	Does your child play near another child, each doing different things?	0	1
55	Does your child hold and drink from a cup or glass? (Includes "sippy" cups.)	0	0
56	Does your child fail to look at you when you talk to them?	1	0

Mock Case

Milestone Discussion

- Talley at 26 months
 - 17 items qualifying for services
 - Age group weighting: 1.75
 - $17 * 1.75 = 29.75$
 - Plus 7 points for meeting MCHAT items
 - $36.75 =$, does not qualify
 - With questionable items
 - 42 (without 7 pts)

PILOT STUDY FINDINGS

30 months and older

Milestone			
		ASD	Questionable
57	While standing, does your child throw a ball or toy?	0	0
58	Does your child ask questions beginning with <i>what</i> or <i>where</i> ? (For example, "What's that?"; "Where doggie go?" etc.)	1	0
59	Does your child call themselves "I" or "me" more often than their own name? (For example, "I do it" more than "Mary (John) do it".)	1	0

PILOT STUDY FINDINGS

30 months and older

Milestone			
		ASD	Questionable
60	Does your child take off clothing that opens in the front (for example, a coat or sweater)? (Does not have to unbutton or unzip the clothing.)	0	0
61	Does your child use a spoon to feed themselves?	0	1
62	Does your child sleep less than 8 hours in a 24-hour period?	0	1

Benchmarks: Percent Agree 85%+ Kappa 0.60+

PILOT STUDY FINDINGS

30 months and older

Milestone			
		ASD	Questionable
63	Does your child do things over and over and can't seem to stop? (Examples include rocking, hand flapping or spinning.)	1	0
64	Does your child destroy or damage things on purpose?	0	1
65	Does your child hurt themselves on purpose?	0	1

Mock Case

Milestone Discussion

- Talley at 30 months
 - 20 items qualifying for services
 - Age group weighting: 1.55
 - $20 * 1.55 = 31$
 - Plus 7 points for meeting MCHAT items
 - $31 + 7 = 38$, does not qualify
 - With questionable items
 - 48.85

PILOT STUDY FINDINGS

36 months and older

Milestone			
		ASD	Questionable
66	Does your child stand (balance) on one foot for about 1 second without holding onto anything?	0	1
67	Does your child walk up stairs, using only one foot on each stair? (The left foot is on one step and the right foot is on the next.) S/he may hold onto the railing or wall.	0	1
68	Does your child turn the pages of a book one at a time?	0	0
69	Does your child use simple words to describe things? (For example, <i>dirty, pretty, big, loud</i> etc.)	1	0

Benchmarks: Percent Agree 85%+ Kappa 0.60+

PILOT STUDY FINDINGS

36 months and older

Milestone			
		ASD	Questionable
70	Does your child state their own first name or nickname?	0	1
71	Does your child follow instructions with two actions or an action and two objects? (For example, “Bring me the crayons and the paper”; “Sit down and eat your lunch” etc.)	1	0
72	Does your child ever pretend objects are something else? (For example, does your child hold a cup to their ear, pretending it is a telephone? Does s/he put a box on their head, pretending it is a hat? Does s/he use a small block or toy to stir food?)	1	0

PILOT STUDY FINDINGS

36 months and older

Milestone			
		ASD	Questionable
73	Does your child know if s/he is a boy or a girl?	0	1
74	Does your child pull up clothing with elastic waistbands? (For example, underwear or sweatpants.)	0	0
75	Does your child suck from a straw?	1	0
76	Does your child cry, scream or have tantrums that last for 30 minutes or longer?	0	1

PILOT STUDY FINDINGS

36 months and older

Milestone			
		ASD	Questionable
77	Does your child act physically aggressive? (For example, hits, kicks, bites etc.)	0	1
78	Does your child have eating difficulties? (For example, eats too fast or too slowly, hoards food, overeats, refuses to eat etc.)	1	0
79	Does your child sometimes stare at nothing or wander with no purpose?	1	0

Mock Case

Milestone Discussion

- Talley at 36 months
 - 25 items qualifying for services
 - Age group weighting: 1.34
 - $25 * 1.34 = 33.5$
 - Plus 7 points for meeting MCHAT items
 - $33.5 + 7 = 40.5$, qualifies!

PILOT STUDY FINDINGS

48 months and older

Milestone			
		ASD	Questionable
80	Does your child hop up and down on one foot?	0	1
81	Does your child pedal a tricycle or other three-wheeled toy at least 6 feet?	0	1
82	Does your child walk down stairs, using only one foot on each stair? (The left foot is on one step and right foot is on the next.) S/he may hold onto the railing or wall.	0	1
83	Does your child wiggle their thumb, for example when using a TV-remote controller or video game controller?	0	1

PILOT STUDY FINDINGS

48 months and older

Milestone			
		ASD	Questionable
84	Does your child unbutton one or more buttons, or unfasten one or more Velcro straps? Your child may use their own clothing or a doll's clothing	0	1
85	Does your child use <i>in</i> , <i>on</i> or <i>under</i> in phrases or sentences? (For example, "Ball go under chair"; "Put it on the table" etc.)	1	0
86	Does your child say their first and last name?	1	0

PILOT STUDY FINDINGS

48 months and older

Milestone			
		ASD	Questionable
87	Does your child follow instructions in “if-then” form? (For example, “If you want to play outside, then put your things away” etc.)	0	1
88	Does your child share toys or possessions when asked?	1	0
89	Does your child tell you the names of two or more playmates, including brothers and sisters? (Ask this question without providing help by suggesting names of playmates or friends.)	0	1

PILOT STUDY FINDINGS

48 months and older

Milestone			
		ASD	Questionable
90	Does your child brush their teeth?	0	0
91	Does your child urinate in a toilet or potty chair?	0	1
92	Does your child defecate in a toilet or potty chair?	0	1
93	Does your child put on clothing that opens in the front (for example a coat or a sweater)? (Does not have to button or zip the clothing.)	0	0

Benchmarks: Percent Agree 85%+ Kappa 0.60+

PILOT STUDY FINDINGS

60 months and older

Milestone			
		ASD	Questionable
94	Does your child open doors by turning door knobs? (Includes doors that open/close with levers rather than traditional round knobs.)	0	0
95	Does your child unwrap small objects? (For example, gum or candy.)	0	0
96	Does your child identify and name most common colors (that is, red, blue, green, yellow)?	0	1

PILOT STUDY FINDINGS

60 months and older

Milestone			
		ASD	Questionable
97	Does your child follow three-part instructions? (For example, "Brush your teeth, get dressed and make your bed" etc.)	0	1
98	Does your child take turns when asked while playing games or sports?	0	1
99	Does your child play informal group games? (For example, hide-and-seek, tag, jump rope, catch etc.)	1	0

PILOT STUDY FINDINGS

60 months and older

Milestone			
		ASD	Questionable
100	Does your child put shoes on correct feet? (Does not need to tie laces.)	0	0
101	Does your child wash their hands using soap and water? (May be reminded.)	0	1
102	Does your child use the toilet by themselves? (S/he goes to the bathroom, sits on the toilet, wipes and flushes. May be reminded.)	0	1

Old Vs. New

FOR AGES SIX (6) MONTHS AND OLDER

- | | | |
|---|-----|----|
| 1. Does s/he support self on forearms when lying down? | Yes | No |
| 2. Does s/he hold head up steadily while on stomach? | Yes | No |
| 3. Does s/he lift head when lying on back? | Yes | No |
| 4. Does s/he roll from back to front? | Yes | No |
| 5. Are her/his hands usually open at rest? | Yes | No |
| 6. Does s/he pull at clothing? | Yes | No |
| 7. Does s/he transfer a toy from one hand to the other? | Yes | No |
| 8. Does s/he pick up small objects? | Yes | No |
| 9. Does s/he laugh or make happy noises? | Yes | No |
| 10. Does s/he turn her/his head to sound? | Yes | No |
| 11. Does s/he "babble", repeat sounds together (e.g., num-num-num)? | Yes | No |
| 12. Is s/he frightened by angry noise? | Yes | No |
| 13. Does s/he smile at you? | Yes | No |
| 14. Does s/he reach for familiar people or objects? | Yes | No |
| 15. Does s/he stretch arms out to be picked up? | Yes | No |
| 16. Does s/he show likes and dislikes? | Yes | No |



STOP HERE IF CHILD IS LESS THAN NINE (9) MONTHS

- | | | |
|--|-----|----|
| 17. Does s/he sit for long periods without support? | Yes | No |
| 18. Does s/he pull up on furniture? | Yes | No |
| 19. Is s/he walking (alone or with hand held)? | Yes | No |
| 20. Does s/he pivot when sitting? | Yes | No |
| 21. Does s/he pick up objects with thumb and forefinger? | Yes | No |
| 22. Does s/he finger-feed any foods? | Yes | No |
| 23. Does s/he throw toys (objects)? | Yes | No |
| 24. Does s/he give you toys (let go) easily? | Yes | No |
| 25. Does s/he understand "no-no" or "bye-bye"? | Yes | No |
| 26. Does s/he have at least one meaningful word other than "mama" or "dada"? | Yes | No |
| 27. Does s/he shake head for "no"? | Yes | No |
| 28. Does s/he hold own bottle? | Yes | No |
| 29. Does s/he play any nursery games ("peek-a-boo", bye-bye)? | Yes | No |
| 30. Does s/he cooperate in dressing? | Yes | No |
| 31. Does s/he come when you call? | Yes | No |



STOP HERE IF CHILD IS LESS THAN TWELVE (12) MONTHS

- | | | |
|--|-----|----|
| 32. Does s/he walk up stairs with help? | Yes | No |
| 33. Does s/he throw a toy while standing without falling? | Yes | No |
| 34. Does s/he turn book pages (2 to 3 at a time)? | Yes | No |
| 35. Does s/he fill spoon and feed self? | Yes | No |
| 36. Does s/he have at least six real words besides her/his "jargon"? | Yes | No |
| 37. Does s/he point at what s/he wants? | Yes | No |
| 38. Does s/he copy you in routine tasks (sweeping, dusting)? | Yes | No |
| 39. Does s/he play in the company of other children? | Yes | No |

MILESTONES

PreAdmission Screening Developmentally Disabled/Physically Disabled Under Age 6

MILESTONES

II. FUNCTIONAL ASSESSMENT

A. DEVELOPMENTAL DOMAIN

All the developmental questions must be answered for all children in this age group by circling yes or no.

FOR AGES SIX MONTHS AND OLDER

- | | | |
|--|------------|-----------|
| 1. Does your child lift their head when lying on their back? | Yes | No |
| 2. When your child is on their tummy, does s/he straighten both arms and push their whole chest off the bed or floor? | Yes | No |
| 3. If you hold both hands just to balance your child, does s/he support their own weight while standing? (That is, can s/he bear weight?) | Yes | No |
| 4. Does your child reach for or grasp a toy? | Yes | No |
| 5. Does your child try to pick up a crumb or Cheerio by using their thumb and all their fingers in a raking motion, even if they aren't able to pick it up? (If they already pick up the crumb or Cheerio, check "yes" for this item.) | Yes | No |
| 6. Does your child make high-pitched squeals? | Yes | No |
| 7. Does your child show two or more emotions? (For example, laughs, cries, screams etc.) | Yes | No |
| 8. Does your child act differently toward strangers than s/he does with you and other familiar people? (Reactions to strangers may include, for example, staring, frowning, withdrawing or crying.) | Yes | No |
| 9. Does your child stiffen and arch their back when picked up? REVERSE SCORING | Yes | No |

Comments: _____

II. FUNCTIONAL ASSESSMENT

A. DEVELOPMENTAL DOMAIN (continued)

Parent Guidelines

- Milestone should be established
 - If you've seen it once and the child should be doing it all the time, ANSWER NO!
- Lack of social intent
 - Babbling
 - Eye contact
 - Requesting
- Not perfect, but better than before

Recommendations

- Changing questions is unrealistic
- Training:
 - Parents: interpret behavioral and developmental differences
 - PAS Assessors: Better recognize ASD traits
- Practitioners:
 - Be sure parents are familiar with the PAS and how to answer questions

Manual

- <http://www.azahcccs.gov/shared/Downloads/EligibilityManual/AEPM/ahcccseligibilitypolicymanual.htm>
- table of Contents on the left
 - PAS Chapter (1000)

THANK YOU!

Upcoming Coalition Events

www.azautism.org/events

- May 23 – Swinging Fore The Spectrum Classic
- June 15 – Coalition meeting with Superintendent John Huppenthal; discuss direction of AZ Dept. of Education
- August 17 – Insurance Work Group Update
- November 5 – BCBA Conference