OMB #: 0925-0661 Expiration Date: June 30, 2015

# STAT-NCS Test Protocol

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### **STAT-NCS Scoring Overview**

The STAT-NCS is designed to assess social responsiveness and task performance during 12 interactive items with a trained examiner. Each item consists of 1-10 trials. For each item, three behavioral dimensions are evaluated: Response to Press, Social Engagement, and Atypical Behaviors. A quick guide to scoring each behavioral dimension is presented below:

# Response to Press Item Score reflects the child's best performance across all trials of an item

| Score  | Items                             | Definition   |
|--------|-----------------------------------|--|
| PASS   | ALL                               | Child responds to the press with behaviors that meet criteria for a Pass (defined separately for each item)                        |
| EMERGE | All except Directing<br>Attention | Child responds to the press in some way, but his/her response does not meet criteria for a Pass (defined separately for each item) |
| FAIL   | ALL                               | Child makes no attempt to respond to the press OR displays a response unrelated to the press                                       |
| REFUSE | ALL                               | Child responds to the press by saying "No" or shaking head to indicate "No"  |

#### **Social Engagement**

#### Item Score provides an overall rating of the child's behavior across all trials of an item

Definition: The extent to which the child shows regard for you as a **social interaction partner**, as demonstrated in social and communicative behaviors such as: physically orienting him/herself toward you, involving you in his/her activities, looking at you during interactions, initiating interactions with you <u>and</u> responding to your social bids, sharing his/her interests with you, sharing his/her pleasure with you, showing off, or teasing you

|       | + · · · · · · · · · · · · · · · · · · ·                             |
|-------|---|
| Score | Definition  |
| 1     | Child regards the examiner as a social partner MOST OF THE TIME     |
| 2     | Child regards the examiner as a social partner SOME OF THE TIME     |
| 3     | Child shows VERY LITTLE regard for the examiner as a social partner |

#### **Atypical Behavior**

#### Item Score indicates presence of one or more behaviors in each category across all trials of an item

| Behavior Category                     | Examples   |  |  |
|---------------------------------------|--|--|--|
| Atypical language features            | Unusual or repetitive sounds, vocalizations, jargon, or echoing;   |  |  |
|                                       | Unusual speech intonation, rhythm, or volume; Idiosyncratic language                                       |  |  |
| Repetitive actions on objects         | Spinning; rolling; rotating; flicking; wiggling; dangling  |  |  |
| Repetitive body actions or posturing  | Flapping hands; flicking fingers; pacing; spinning body; tensing fingers, hands, or body; facial grimacing |  |  |
| Sensory-seeking behavior with objects | Sniffing/smelling, licking, visual inspection, rubbing/feeling texture, holding objects close to ears      |  |  |

## 1 | Turn-taking (Play Item)

#### **Administration:**

- Place all play materials on the floor, preferably before the child enters the room.
- Sit on the floor and encourage the child to sit down. Position yourself about 3-4 feet from the child.
- Get the child's attention by saying: "Look, <u>child's name</u>, here's the ball!"
- Roll the ball to the child, hold your hands out and say: "Roll it back to me!"
- If the child does not obtain a PASS for the trial, you may give up to 4 more trials with the ball, and up to 5 trials with the car.

#### **Scoring:**

| Response to Press  |                     |  |  |  |
|--|---------------------|--|--|--|
| Criteria for PASS Rolls the ball or car back and forth with you for 3 consecutive, |                     |  |  |  |
|  | uninterrupted turns |  |  |  |
| Criteria for EMERGE Rolls the ball or car back and forth with you 1 or 2 times     |                     |  |  |  |

|       | Ball                    |         | Car (optional) |                 |         |  |
|-------|-------------------------|---------|----------------|-----------------|---------|--|
| Trial | Throws/Rolls Ball Back? | # turns | Trial          | Rolls Car Back? | # turns |  |
| 1     | Yes No                  |         | 1              | Yes No          |         |  |
| 2     | Yes No                  |         | 2              | Yes No          |         |  |
| 3     | Yes No                  |         | 3              | Yes No          |         |  |
| 4     | Yes No                  |         | 4              | Yes No          |         |  |
| 5     | Yes No                  |         | 5              | Yes No          |         |  |

Item Score: PASS EMERGE FAIL REFUSE

| Social Engagement                | Atypical Behavior           |  |
|----------------------------------|-----------------------------|--|
| Regards you as a social partner: | □Atypical language features |  |
| • 1 - MOST OF THE TIME           | ☐Repetitive object actions  |  |
| • 2 – SOME OF THE TIME           | ☐Repetitive body actions    |  |
| • 3 – VERY LITTLE                | ☐Sensory-seeking behaviors  |  |
| Item Score: 1 2 3                | Item Score: 0 1 2 3 4       |  |

## 2 | Doll play (Play Item)

#### **Administration:**

- Place the doll furniture and dishes near the child, in a random arrangement.
- Hand the doll/figure to the child and say: "Look, child's name, look at my doll/toy!"
- If the child takes the doll/figure but does not engage in a functional play act, you may hold up the feeding and/or furniture items and say: "Look at my other toys!"
  - $^{**}$ Do not label the objects or demonstrate any functional play acts. $^{**}$
- If the child does not obtain a PASS for the trial, you may give up to 4 more trials with the doll/figure, and up to 5 trials with the stuffed animal.

| Response to Press      |  |  |  |  |
|------------------------|--|--|--|--|
| Criteria for PASS      | Engages in simple functional play directed to doll/ figure/animal (e.g., puts on chair or bed, feeds with bottle or spoon, hugs or pats) |  |  |  |
| Criteria for<br>EMERGE | Engages in simple functional play with toys other than doll (e.g., feeds self with bottle or spoon; stirs spoon in cup)                  |  |  |  |

| Doll/Figure |                                     |        | Animal (optional) |                  |        |  |
|-------------|-------------------------------------|--------|-------------------|------------------|--------|--|
| Trial       | Functional Play?                    | Action | Trial             | Functional Play? | Action |  |
| 1           | Yes No                              |        | 1                 | Yes No           |        |  |
| 2           | Yes No                              |        | 2                 | Yes No           |        |  |
| 3           | Yes No                              |        | 3                 | Yes No           |        |  |
| 4           | Yes No                              |        | 4                 | Yes No           |        |  |
| 5           | Yes No                              |        | 5                 | Yes No           |        |  |
|             | Item Score: PASS EMERGE FAIL REFUSE |        |                   |                  |        |  |

| Social Engagement                | Atypical Behavior           |  |
|----------------------------------|-----------------------------|--|
| Regards you as a social partner: | ☐Atypical language features |  |
| • 1 - MOST OF THE TIME           | ☐Repetitive object actions  |  |
| • 2 – SOME OF THE TIME           | ☐Repetitive body actions    |  |
| • 3 – VERY LITTLE                | ☐Sensory-seeking behaviors  |  |
| Item Score: 1 2 3                | Item Score: 0 1 2 3 4       |  |

#### **Administration:**

- Hold up the bubble jar and get the child's attention by saying:
   "Look, <u>child's name</u>, look what I have!"
- Blow soap bubbles within the child's view (but don't let them pop near the child's face).
   \*\*Do not point to or label the bubbles.\*\*
- Put the wand back in the jar, screw the lid on tightly, hand the jar to the child, and say: "Now you do it!" or "It's your turn!"
- Indicate whether the child requests (Yes/No) on the scoring grid below.

If No, you may give up to 2 more trials.

If Yes, check the boxes that describe the child's behaviors.

If a check is in a white box, move on to the next item.

If not, you may give up to 2 more trials.

| Response to Press  |                                       |  |  |  |
|--|---------------------------------------|--|--|--|
| Criteria for PASS Requests help opening the jar or requests that you blow more                   |                                       |  |  |  |
| bubbles by combining eye contact and a vocalization.   |                                       |  |  |  |
| Criteria for EMERGE Requests by looking at you <u>along with</u> handing you the jar, or pointin |                                       |  |  |  |
|  | to the jar, or trying to open the jar |  |  |  |

|                                    |  | Tri     | al 1    | Tri        | al 2    | Tri        | al 3    |
|------------------------------------|--|---------|---------|------------|---------|------------|---------|
| Did child request?                 |  | Yes     | No      | Yes        | No      | Yes        | No      |
|                                    |  | If yes, | check   | If yes     | , check | If yes,    | check   |
|                                    |  | beha    | viors:  | behaviors: |         | behaviors: |         |
|                                    |  | No Eye  | Eye     | No Eye     | Eye     | No Eye     | Eye     |
|                                    |  | Contact | Contact | Contact    | Contact | Contact    | Contact |
| Verbal request                     |  |         |         |            |         |            |         |
| Vocalization                       |  |         |         |            |         |            |         |
| Give object                        |  |         |         |            |         |            |         |
| Point                              |  |         |         |            |         |            |         |
| Manipulate hand                    |  |         |         |            |         |            |         |
| None of the above                  |  |         |         |            |         |            |         |
| Verbalizations/Vocalizations used: |  |         |         |            |         |            |         |
| Item Score: PASS                   |  | S EN    | MERGE   | FAII       | L R     | EFUSE      |         |

| Social Engagement                | Atypical Behavior           |  |  |
|----------------------------------|-----------------------------|--|--|
| Regards you as a social partner: | ☐Atypical language features |  |  |
| 1 - MOST OF THE TIME             | ☐Repetitive object actions  |  |  |
| • 2 – SOME OF THE TIME           | ☐Repetitive body actions    |  |  |
| • 3 – VERY LITTLE                | ☐Sensory-seeking behaviors  |  |  |
| Item Score: 1 2 3                | Item Score: 0 1 2 3 4       |  |  |

#### **Administration:**

- Hold up the jar containing food treats and get the child's attention by shaking the jar and saying: "Look, <u>child's name</u>, look what I have!"
- Hand the jar to the child and say: "You can have some!"
  - \*\*Make sure the jar lid is closed tightly.\*\*
- If the child does not show interest in the jar, you may open the jar, give the child one food treat, and then repeat the trial.
- Indicate whether the child requests (Yes/No) on the scoring grid below.

If No, you may give up to 2 more trials.

If Yes, check the boxes that describe the child's behaviors.

If a check is in a white box, move on to the next item.

If not, you may give up to 2 more trials.

#### **Scoring:**

| Response to Press   |   |  |  |
|---------------------|---|--|--|
| Criteria for PASS   | Requests help opening the jar or requests that you open the jar by            |  |  |
|                     | combining eye contact and a vocalization.                                     |  |  |
| Criteria for EMERGE | Requests by looking at you <u>along with</u> handing you the jar, or pointing |  |  |
|                     | to the jar, or trying to open the jar   |  |  |

|                                    |  | Trial 1       |         | Trial 2       |         | Trial 3       |         |
|------------------------------------|--|---------------|---------|---------------|---------|---------------|---------|
| Did child request?                 |  | Yes           | No      | Yes           | No      | Yes           | No      |
|                                    |  | If yes, check |         | If yes, check |         | If yes, check |         |
|                                    |  | beha          | viors:  | behaviors:    |         | behaviors:    |         |
|                                    |  | No Eye        | Eye     | No Eye        | Eye     | No Eye        | Eye     |
|                                    |  | Contact       | Contact | Contact       | Contact | Contact       | Contact |
| Verbal request                     |  |               |         |               |         |               |         |
| Vocalization                       |  |               |         |               |         |               |         |
| Give object                        |  |               |         |               |         |               |         |
| Point                              |  |               |         |               |         |               |         |
| Manipulate hand                    |  |               |         |               |         |               |         |
| None of the above                  |  |               |         |               |         |               |         |
| Verbalizations/Vocalizations used: |  |               |         |               |         |               |         |
| Item Score: PASS                   |  | S EN          | MERGE   | FAI           | L R     | EFUSE         |         |

| Social Engagement                | Atypical Behavior            |  |
|----------------------------------|------------------------------|--|
| Regards you as a social partner: | ☐ Atypical language features |  |
| • 1 – MOST OF THE TIME           | ☐Repetitive object actions   |  |
| • 2 – SOME OF THE TIME           | ☐Repetitive body actions     |  |
| • 3 – VERY LITTLE                | ☐Sensory-seeking behaviors   |  |
| Item Score: 1 2 3                | Item Score: 0 1 2 3 4        |  |

## 5 | Balloon (Directing Attention Item)

- Hold up a deflated balloon and get the child's attention by saying:
   "Look, <u>child's name</u>, look what I have!"
- Blow up the balloon and hold it over your head.
- Get the child's attention and say: "One, two, three..." then release the balloon so that it flies into the air. \*\*Do not vocalize or make a surprised facial expression.\*\*
- Indicate whether the child directs your attention to the balloon (Yes/No) on the scoring grid below. If No, give up to 2 more trials. If Yes, check the boxes that describe the child's behaviors, and move on to the next item.

| Response to Press |   |  |  |  |  |
|-------------------|---|--|--|--|--|
| Criteria for      | Directs your attention to share interest in the balloon while (or after) it |  |  |  |  |
| PASS              | PASS deflates (e.g., looks between you and balloon with a surprised facial  |  |  |  |  |
|                   | expression; points to balloon then looks at you)                            |  |  |  |  |

|                                    | Tri     | al 1    | Tri           | al 2    | Tri           | al 3    |
|------------------------------------|---------|---------|---------------|---------|---------------|---------|
| Did child direct your attention?   | Yes     | No      | Yes           | No      | Yes           | No      |
|                                    | If yes, | check   | If yes, check |         | If yes, check |         |
|                                    | beha    | viors:  | behaviors:    |         | behaviors:    |         |
|                                    | No Eye  | Eye     | No Eye        | Eye     | No Eye        | Eye     |
|                                    | Contact | Contact | Contact       | Contact | Contact       | Contact |
| Social comment (e.g., Uh-oh, Wow)  | ?       |         | ?             |         | ?             |         |
| Question (e.g., Where is it?)      | ?       |         | ?             |         | ?             |         |
| Object label                       |         |         |               |         |               |         |
| Vocalization                       |         |         |               |         |               |         |
| Change in affect                   |         |         |               |         |               |         |
| Point                              |         |         |               |         |               |         |
| Show                               |         |         |               |         |               |         |
| None of the above                  |         |         |               |         |               |         |
| Verbalizations/Vocalizations used: |         |         |               |         |               |         |
| Item Score:                        | PASS    | F.A     | AIL           | REFUSE  |               |         |

|   | Social Engagement                | Atypical Behavior           |
|---|----------------------------------|-----------------------------|
|   | Regards you as a social partner: | ☐Atypical language features |
| • | 1 - MOST OF THE TIME             | ☐Repetitive object actions  |
| • | 2 - SOME OF THE TIME             | ☐Repetitive body actions    |
| • | 3 - VERY LITTLE                  | ☐Sensory-seeking behaviors  |
|   | Item Score: 1 2 3                | Item Score: 0 1 2 3 4       |

## 6 | Puppet (Directing Attention Item)

- \*\*Give only 1 trial for this item.\*\*
- With your hands hidden from the child's view (i.e., under the table or behind your back), place the puppet on your writing hand.
- Get the child's attention by saying: "I've got some writing to do!" as you begin writing with the puppet on your hand. \*\*Maintain a flat facial expression and avoid looking at the child as you write.\*\*
- If the child does not respond, you may yawn and cover your mouth with the puppet, then scratch your head with it. If the child still does not respond, quietly place the puppet on the table, within reach of the child.
- Indicate whether the child directs your attention to the puppet (Yes/No) on the scoring grid below. If *No*, move on to the next item. If *Yes*, check the boxes that describe the child's behaviors, and move on to the next item.

|                   | <b>0</b>  |  |  |  |  |
|-------------------|---|--|--|--|--|
| Response to Press |   |  |  |  |  |
| Criteria for PASS | Directs your attention to share interest in the puppet (e.g., looks at you and says "woof"; looks back and forth between you and the puppet and laughs; puts puppet on his/her hand and holds up to show you) |  |  |  |  |

| Trial 1 (Only 1 trial permitted)        |                          |             |  |  |
|---|--------------------------|-------------|--|--|
| Did child direct your attention? Yes No | If yes, check behaviors: |             |  |  |
|   | No Eye Contact           | Eye Contact |  |  |
| Social comment (e.g., Uh-oh, Wow)       | ?                        |             |  |  |
| Question (e.g., What is it?)            | ?                        |             |  |  |
| Object label                            |                          |             |  |  |
| Vocalization                            |                          |             |  |  |
| Change in affect                        |                          |             |  |  |
| Point                                   |                          |             |  |  |
| Show                                    |                          |             |  |  |
| None of the above                       |                          |             |  |  |
| Verbalizations/Vocalizations used:      |                          |             |  |  |
| Item Score:                             | PASS FAIL RE             | EFUSE       |  |  |

| Social Engagement                | Atypical Behavior           |
|----------------------------------|-----------------------------|
| Regards you as a social partner: | ☐Atypical language features |
| 1 – MOST OF THE TIME             | ☐ Repetitive object actions |
| • 2 – SOME OF THE TIME           | ☐ Repetitive body actions   |
| • 3 – VERY LITTLE                | ☐Sensory-seeking behaviors  |
| Item Score: 1 2 3                | Item Score: 0 1 2 3 4       |

## 7 | Bag of toys (Directing Attention Item)

- Hold up the bag of toys and get the child's attention by shaking the bag and saying: "Look, <u>child's name</u>, look what I have!"
- Place the bag in front of the child, hold it open, and say: "Look at my toys!"
- If the child does not remove any toys from the bag, pull one toy *partially* out of the bag so it is visible. If the child still does not respond, pull one toy *completely* out of the bag and place it in front of the child.
- Indicate whether the child directs your attention to a toy (Yes/No) on the scoring grid below. If No, give up to 2 more trials. If Yes, check the boxes that describe the child's behaviors, and move on to the next item.

| Response to Press |  |  |  |  |
|-------------------|--|--|--|--|
| Criteria for PASS | Directs your attention to share interest in a toy (or the bag) (e.g., looks at you and shows you the wand; looks at the snake then you and says "snake; bangs wand on table then looks at you) |  |  |  |

|                                    | Tri     | al 1    | Tri        | al 2    | Tri        | al 3    |
|------------------------------------|---------|---------|------------|---------|------------|---------|
| Did child direct your attention?   | Yes     | No      | Yes        | No      | Yes        | No      |
|                                    | If yes, | check   | If yes     | , check | If yes,    | check   |
|                                    | beha    | viors:  | behaviors: |         | behaviors: |         |
|                                    | No Eye  | Eye     | No Eye     | Eye     | No Eye     | Eye     |
|                                    | Contact | Contact | Contact    | Contact | Contact    | Contact |
| Social comment (e.g., Uh-oh, Wow)  | ?       |         | ?          |         | ?          |         |
| Question (e.g., Where is it?)      | ?       |         | ?          |         | ?          |         |
| Object label                       |         |         |            |         |            |         |
| Vocalization                       |         |         |            |         |            |         |
| Change in affect                   |         |         |            |         |            |         |
| Point                              |         |         |            |         |            |         |
| Show                               |         |         |            |         |            |         |
| None of the above                  |         |         |            |         |            |         |
| Verbalizations/Vocalizations used: |         |         |            |         |            |         |
| Item Score:                        | PASS    | FA      | IL         | REFUSE  |            |         |

| Social Engagement                | Atypical Behavior           |  |
|----------------------------------|-----------------------------|--|
| Regards you as a social partner: | ☐Atypical language features |  |
| 1 – MOST OF THE TIME             | ☐ Repetitive object actions |  |
| • 2 – SOME OF THE TIME           | ☐Repetitive body actions    |  |
| • 3 – VERY LITTLE                | ☐Sensory-seeking behaviors  |  |
| Item Score: 1 2 3                | Item Score: 0 1 2 3 4       |  |

## 8 | Noisemaker (Directing Attention Item)

<sup>\*\*</sup>You may need to put some or all of the toys back in the bag to start each new trial.\*\*

<sup>\*\*</sup>Give only 1 trial for this item.\*\*

- Administer this item when the child is engaged with a toy and is not looking at you.
- Hold the noisemaker out of sight and activate it for about 10 seconds. Maintain a flat facial expression and avoid looking directly at the child as the noisemaker sounds.
- If the child does not respond, you may activate the noisemaker again for two or three 5-second bursts (or as long as the child attends to the sound.)
- Indicate whether the child directs your attention to the sound (Yes/No) on the scoring grid below. If No, move on to the next item. If Yes, check the boxes that describe the child's behaviors, and move on to the next item.

| Response to Press |   |  |  |
|-------------------|---|--|--|
| Criteria for PASS | Directs your attention to share interest in the sound (e.g., points in the direction of the sound and looks at you; looks between you and the sound with a surprised expression; looks at you and says "uh-oh" or "what's that?") |  |  |

| Trial 1 (Only 1 trial permitted)   |                                 |       |          |    |        |        |
|------------------------------------|---------------------------------|-------|----------|----|--------|--------|
| Did child direct your attention?   | Yes No If yes, check behaviors: |       |          |    |        |        |
|                                    |                                 | No Ey | e Contac | :t | Eye Co | ontact |
| Social comment (e.g., Uh-oh, Wow)  | ?                               |       |          |    |        |        |
| Question (e.g., What is it?)       | ?                               |       |          |    |        |        |
| Object label                       |                                 |       |          |    |        |        |
| Vocalization                       |                                 |       |          |    |        |        |
| Change in affect                   |                                 |       |          |    |        |        |
| Point                              |                                 |       |          |    |        |        |
| Show                               |                                 |       |          |    |        |        |
| None of the above                  |                                 |       |          |    |        |        |
| Verbalizations/Vocalizations used: |                                 |       |          |    |        |        |
| Item Score:                        | PASS                            |       | FAIL     | R  | EFUSE  |        |

| Social Engagement                | Atypical Behavior           |
|----------------------------------|-----------------------------|
| Regards you as a social partner: | ☐Atypical language features |
| • 1 - MOST OF THE TIME           | ☐Repetitive object actions  |
| • 2 – SOME OF THE TIME           | ☐Repetitive body actions    |
| • 3 – VERY LITTLE                | ☐Sensory-seeking behaviors  |
| Item Score: 1 2 3                | Item Score: 0 1 2 3 4       |

## 9 | Shake rattle (Imitation Item)

#### **Administration:**

Hold up the rattle/maraca and get the child's attention by saying: "Look what I have!"

- Shake the rattle/maraca back and forth for about 10 seconds, saying: "Bop-bop-bop" in rhythm as you shake it.
- Hand the rattle/maraca to the child and say: "You do it!" or "Your turn!"
- If the child does not obtain a PASS for the trial, you may give up to 2 more trials.

| Response to Press   |   |  |  |
|---|---|--|--|
| Criteria for PASS   | Shakes the rattle back and forth at least two times |  |  |
| Criteria for EMERGE Shakes the rattle once; Bangs rattle on table |   |  |  |

| Trial      |      | Sco    | re   |        |  |
|------------|------|--------|------|--------|--|
| 1          | Pass | Emer   | ge   | Fail   |  |
| 2          | Pass | Emer   | ge   | Fail   |  |
| 3          | Pass | Emer   | ge   | Fail   |  |
| Item Score | PASS | EMERGE | FAIL | REFUSE |  |

| Social Engagement                | Atypical Behavior           |
|----------------------------------|-----------------------------|
| Regards you as a social partner: | ☐Atypical language features |
| • 1 - MOST OF THE TIME           | ☐Repetitive object actions  |
| • 2 – SOME OF THE TIME           | ☐Repetitive body actions    |
| • 3 – VERY LITTLE                | ☐Sensory-seeking behaviors  |
| Item Score: 1 2 3                | Item Score: 0 1 2 3 4       |

<sup>\*\*</sup>Verbal imitation is not necessary for a PASS.\*\*

## 10 | Roll car (Imitation Item)

#### **Administration:**

- Hold up the car and get the child's attention by saying: "Look what I have!"
- Starting at the child's left, roll car back and forth across the table for about 10 seconds, saying: "Whee-whee" as you roll it.
- Hand the car to the child and say: "You do it!" or "Your turn!"
- If the child does not obtain a PASS for the trial, you may give up to 2 more trials.

| Response to Press   |   |  |  |  |
|---------------------|---|--|--|--|
| Criteria for PASS   | Rolls the car back <u>and</u> forth across the table at least one time        |  |  |  |
| Criteria for EMERGE | Rolls the car on the table in one direction only (car must stay on the table) |  |  |  |

| Trial     |         | Scor   | е    |        |  |
|-----------|---------|--------|------|--------|--|
| 1         | Pass    | Emerg  | ge   | Fail   |  |
| 2         | Pass    | Emerg  | ge   | Fail   |  |
| 3         | Pass    | Emerg  | ge   | Fail   |  |
| Item Scor | e: PASS | EMERGE | FAIL | REFUSE |  |

| Social Engagement                | Atypical Behavior           |  |
|----------------------------------|-----------------------------|--|
| Regards you as a social partner: | ☐Atypical language features |  |
| • 1 - MOST OF THE TIME           | ☐Repetitive object actions  |  |
| • 2 – SOME OF THE TIME           | ☐Repetitive body actions    |  |
| • 3 – VERY LITTLE                | ☐Sensory-seeking behaviors  |  |
| Item Score: 1 2 3                | Item Score: 0 1 2 3 4       |  |

<sup>\*\*</sup>Verbal imitation is not necessary for a PASS.\*\*

## 11 | Drum Hands (Imitation Item)

#### **Administration:**

- Get the child's attention by saying: "Look what I'm doing!"
- Drum your hands on the table slowly, alternating your left and right hands. Continue for about 10 seconds, saying: "Boom-boom" in rhythm as each hand hits the table.
- Point to the child and say: "You do it!" or "Your turn!"
- If the child does not obtain a PASS for the trial, you may give up to 2 more trials.

| Response to Press   |  |  |  |
|---------------------|--|--|--|
| Criteria for PASS   | Hits hands on table, alternating hands, with each hand hitting the table at least once |  |  |
| Criteria for EMERGE | Hits table with both hands at the same time; hits table with only one hand             |  |  |

| Trial  |        |      | Score  |      |        |
|--------|--------|------|--------|------|--------|
| 1      |        | Pass | Emerge |      | Fail   |
| 2      |        | Pass | Emerge |      | Fail   |
| 3      |        | Pass | Emerge |      | Fail   |
| Item 9 | Score: | PASS | EMERGE | FAIL | REFUSE |

| Social Engagement                | Atypical Behavior            |
|----------------------------------|------------------------------|
| Regards you as a social partner: | ☐ Atypical language features |
| • 1 - MOST OF THE TIME           | ☐ Repetitive object actions  |
| • 2 – SOME OF THE TIME           | ☐Repetitive body actions     |
| • 3 – VERY LITTLE                | ☐Sensory-seeking behaviors   |
| Item Score: 1 2 3                | Item Score: 0 1 2 3 4        |

<sup>\*\*</sup>Verbal imitation is not necessary for a PASS.\*\*

## 12 | Hop dog (Imitation Item)

#### **Administration:**

- Hold up the dog and get the child's attention by saying: "Look what I have!"
- Starting at the child's left, hop the dog across the table for about 10 seconds, saying: "Beep-beep" in rhythm as you hop the dog.
- Hand the dog to the child and say: "You do it!" or "Your turn!"
- If the child does not obtain a PASS for the trial, you may give up to 2 more trials.

| Response to Press   |  |  |  |  |
|---------------------|--|--|--|--|
| Criteria for PASS   | Hops the dog so that it contacts the table twice, with lateral distance between the two contacts |  |  |  |
| Criteria for EMERGE | Hops dog repeatedly in place; hops dog only once with lateral movement; slides dog across table  |  |  |  |

| Trial       | Score |      |        |      |        |  |
|-------------|-------|------|--------|------|--------|--|
| 1           |       | Pass | Emerg  | ge   | Fail   |  |
| 2           |       | Pass | Emer   | ge   | Fail   |  |
| 3           |       | Pass | Emer   | ge   | Fail   |  |
| Item Score: |       | PASS | EMERGE | FAIL | REFUSE |  |

| Social Engagement                |                      | Atypical Behavior           |  |
|----------------------------------|----------------------|-----------------------------|--|
| Regards you as a social partner: |                      | □Atypical language features |  |
| •                                | 1 - MOST OF THE TIME | ☐Repetitive object actions  |  |
| •                                | 2 – SOME OF THE TIME | ☐Repetitive body actions    |  |
| •                                | 3 - VERY LITTLE      | ☐Sensory-seeking behaviors  |  |
|                                  | Item Score: 1 2 3    | Item Score: 0 1 2 3 4       |  |

<sup>\*\*</sup>Verbal imitation is not necessary for a PASS.\*\*

## Post-Screening Questions

| 1. | Child's spontaneous (non-echoed) language during the screening:  ☐ Nonverbal (fewer than 5 words)  ☐ Mostly single words  ☐ Mostly multiword phrases or sentences |   |  |  |  |  |  |
|----|---|---|--|--|--|--|--|
| 2. | Parent reports that chil  | arent reports that child's behavior during the screening was typical: 🔲 YES 🔲 NO  |  |  |  |  |  |
| 3. | Were either of the child's parents in the room during the administration of the STAT-NCS?  YES  NO  |   |  |  |  |  |  |
| 4. | Please indicate any of the circumstances listed below that may have interfered with the child performance on the STAT-NCS:  |   |  |  |  |  |  |
| Ph | ysical state:   | ☐ Hunger ☐ Fatigue ☐ Illness ☐ Other:   |  |  |  |  |  |
| Ве | havioral features:  | ☐ Shyness ☐ Separation distress ☐ Difficulty with transitions ☐ Difficulty parting with preferred objects ☐ Fearfulness of particular objects 〔 (specify:) ☐ Other: |  |  |  |  |  |
| Se | nsory issues:   | ☐ Hearing impairment ☐ Visual impairment ☐ Other:   |  |  |  |  |  |
| M  | otor problems:  | ☐ Hypotonia (low muscle tone) ☐ Poor coordination ☐ Other:  |  |  |  |  |  |
| 5. | Please describe any pla<br>contexts other than the  | y, imitation, or communicative behaviors demonstrated by the child in eSTAT-NCS   |  |  |  |  |  |
|    | Play:   |   |  |  |  |  |  |
|    | Imitation:  |   |  |  |  |  |  |
|    | Requesting:   |   |  |  |  |  |  |
|    | Directing Attention:  |   |  |  |  |  |  |