

Communication recovery after TBI

PROTOCOL INSTRUCTIONS for TBI

These instructions explain how to administer each section of the protocol and include the detailed protocol script for examiners to follow. Allow ample time for as full a response as each participant can provide using this protocol script.

To facilitate transcription, the examiner's speech, including verbal encouragers, should be kept to a minimum. Use nonverbal encouragers (e.g., head nods, facial expressions, eye contact) instead of verbal (e.g., "I see", "mhm", "yeah") whenever possible.

For those unable to respond to any of the prompts about their Brain Injury or Recovery, skip the Important Event task and proceed to the Picture Description #1 (Broken Window). If the participant responds to the Broken Window picture description prompt, continue with the protocol and return to the initial questions if appropriate. If the participant does not respond to the Broken Window picture and you believe these tasks are too difficult, it is probably best not to continue.

SECTION I: FREE SPEECH SAMPLES

Start with a preliminary unrecorded conversation for social exchanges, taking care of consent forms, explaining about filming and recording the session, answering any questions, and so forth. **If your institution requires it, record the following preamble about informed consent**, then lead in to the first recorded protocol item (Stroke Story and Coping).

BEGIN RECORDING

Investigator: **"This participant signed an informed consent form. These data can be used for _____ (specify: research, teaching, or any purpose). These data are not to be used for _____ (specify any restrictions)."**

A. BRAIN INJURY STORY and COPING

- 1. "I'm going to be asking you to do some talking. How do you think your speech is these days?"**

If no response in approximately 10 seconds, prompt:

"How's your talking?"

Communication recovery after TBI

Listen, encourage full response.

If no response in 10 seconds, prompt:

"Are you having trouble with your talking?"

2. Tell me what you remember about when you had your head injury.

If no response in approximately 10 seconds, prompt:

"What other things have people told you about when you had your head injury?"

Listen, encourage full response.

If no response in 10 seconds, prompt:

"Do you remember your brain injury?"

3. "Tell me about your recovery. What kinds of things have you done to try to get better since your head injury?"

If no response in approximately 10 seconds, prompt:

"Tell me about any changes you've needed to make in your daily life."

Listen, encourage full response.

If no response in 10 seconds, prompt:

"Did you have any therapy after your brain injury?"

"Now I'm going to ask you to do a few more things where you need to talk. Please talk as much as you can about each one, because we're really interested in knowing about your communication."

B. IMPORTANT EVENT

"Thinking back, can you tell me a story about something important that happened to you in your life? It could be happy or sad or from any time -- from when you were a kid or more recently."

If no response in approximately 10 seconds, prompt:

Communication recovery after TBI

"For instance, you could tell me about a trip you took or something about your family or your work -- anything."

If no response, go on to Picture Descriptions.

SECTION II: PICTURE DESCRIPTIONS

A. BROKEN WINDOW

"Now I'm going to show you these pictures."

Present picture series.

"Take a little time to look at these pictures. They tell a story. Take a look at all of them, and then I'll ask you to tell me the story with a beginning, a middle, and an end. You can look at the pictures as you tell the story."

If no response in 10 seconds, give second prompt:

"Take a look at this picture (point to first picture) and tell me what you think is happening." If needed, point to each picture sequentially, giving the prompt: **"And what happens here?"**

For each panel, if no response, provide the prompt:

"Can you tell me anything about this picture?"

If no response in 10 seconds, prompt:

"Is the boy kicking the ball through the window?"

B. REFUSED UMBRELLA

Present picture series.

"Here are some more pictures that tell a story. Take a look at all of them, and then I'll ask you to tell me the story with a beginning, a middle, and an end. Again, you can look at the pictures as you tell the story."

If no response in 10 seconds, give second prompt:

"Look at this picture (point to first picture) and tell me what you think is happening." If needed, point to each picture sequentially, giving the prompt: **"And what happens here?"**

Communication recovery after TBI

For each panel, if no response, provide the prompt:

“Can you tell me anything about this picture?”

If no response in 10 seconds, prompt:

"Did the boy refuse the umbrella?"

C. CAT RESCUE

Present picture.

“Here is another picture. Look at everything that’s happening and then tell me a story about what you see. Tell me the story with a beginning, a middle, and an end.”

If no response in 10 seconds, give second prompt:

“Take a look (point to picture) and tell me any part of the story.”

If fewer than 2 utterances, give third prompt:

“Anything else you can tell me about the story?”

If no response in 10 seconds, prompt:

"Is the cat stuck in the tree?"

SECTION III: STORY NARRATIVE

CINDERELLA

Present picture book.

“I’m going to ask you to tell a story. Have you ever heard the story of Cinderella?
(Make note of answer for demographic data. If answer is no, ask participant to tell a fairy tale s/he knows.)

Do you remember much about it? These pictures might remind you of how it goes. Take a look at the pictures and then I’ll put the book away, and ask you to tell me the story in your own words.”

Allow participant to look through book (assist with page turning if needed) and then, if necessary, prompt:

Communication recovery after TBI

“Now tell me as much of the story of Cinderella as you can. You can use what you know about the story, as well as the pictures you just looked at.”

If participant gives a response of fewer than three utterances, or seems to falter, allow 10 seconds, then prompt:

“What happened next?” or “Go on.”

Continue until participant concludes story or it is clear s/he has finished.

If no response, prompt:

"Did Cinderella go to the ball and meet the prince?"

SECTION IV: PROCEDURAL DISCOURSE

Peanut Butter and Jelly Sandwich
(non-U.S. test sites may substitute another simple sandwich)

“Let’s move on to something a little different. Tell me how you would make a peanut butter and jelly sandwich.”

If no response in 10 seconds, give second prompt:

“If you were feeling hungry for a peanut butter and jelly sandwich, how would you make it?”

If no response in 10 seconds, prompt:

"Do you like peanut butter and jelly sandwiches?"