

Assessment Protocol

Completed By

Pre Injury

Pre Injury Demographics

Independent Assessor

Post Injury

Post Injury Demographics

Independent Assessor

Frenchay Dysarthria Assessment ⁶⁰

Speech Pathologist

Functional Assessment of Verbal Reasoning
& Executive Functioning (FAVRES)

Speech Pathologist

Aphasia Bank TBI protocol

Speech Pathologist

Free speech samples *

Picture description *

Story narrative *

Procedural discourse *

AphasiaBank repetition test *

Verb naming test from the Northwestern

Assessment of Verbs and Sentences, Revised
Field Version *

Boston Naming Test (2nd ed.) Short form ^{*60}

Western Aphasia Battery (Revised ed.) AQ ⁶⁰

Verbal Fluency (FAS) ⁰

Repeatable Battery for the Assessment of
Neuropsychological status ⁰

Digit Span and Symbol Digit Modalities Test

Neuropsychologist

Similarities, Zoo Map, Verbal Fluency, Stroop

Neuropsychologist

Hopkins Verbal Learning Test, Brief Visual Memory Test

Neuropsychologist

Treatment Data

BIU staff members

Functional

Modified Kagan rating scale (Kagan)

2 Independent Assessors

La Trobe Communication Questionnaire (LCQ)

Speech Pathologist, Person with TBI
& Significant Other

Sydney Psychosocial Reintegration Scale (SPRSS)

Speech Pathologist, Significant
Other

Casual conversation *

Speech Pathologist, Person with TBI
& Significant Other

*Recorded assessments

⁰ Optional

⁶ Administer at 6 month intervals if diagnosed with dysarthria/ aphasia.

Outcomes

- **Predictors for communication recovery.** Pre Injury Variables (demographic data) and Post Injury Variables (demographic data, communication & neuropsychological assessments, treatment data) will be analysed to identify communication outcome predictors.
- **Discourse profile.** A CLAN analysis on Aphasia Bank will be conducted on data obtained from the TBI Bank protocol to provide a discourse profile for the person with TBI. The profile will present linguistic features including grammatical complexity, efficiency, content accuracy and organisation, story grammar and coherence and topic management.
- **Participation in Conversation.** Kagan ratings of casual conversation will provide independent evaluations of the person with TBI's level of participation in conversation, including abilities to "connect", initiate and respond during social interactions.
- **Perceived Communication Skills.** Self and carer reports obtained from the LCQ will provide a subjective measure of perceived communication ability for the person with TBI.
- **Social Participation.** Data from the SPRS will measure the effect of brain injury on occupational activities, interpersonal relationships and independent activities of daily living