

Assessment and Intervention of Acute and Chronic Stroke

Assessment

Inpatient

- Clinical Interview – speech sample, memory for recent events, awareness of deficits
- History – developmental, educational, vocational, psychological, substance use
- Examination – sensory/motor, orientation, attention, language processing, visual-spatial processing, memory, reasoning/problem solving, moods/emotions, coping/adjustment

Outpatient

- Clinical Interview – speech sample, memory for recent events, awareness of deficits
- Neuropsychological Examination – bilateral strength/speed/coordination, estimated pre-morbid functioning, processing speed, language processing, verbal fluency, visual-spatial processing, memory, executive functioning (attention, cognitive control, reasoning/problem solving), validity measures
- Psychological Examination – Personality Assessment Inventory

Intervention

Inpatient

- Education about stroke, stroke effects, and stroke recovery
- Eliciting Goals and Encouraging Engagement
 - What are valued activities?
 - Discuss steps needed to achieve valued activities
 - Discuss time-frame of steps
- Cognitive Rehabilitation – internal strategies, external supports, modifying expectations

Outpatient

- Strategies and problem solving for return to independent living, return to work

Resources

For Patients

National Stroke Association

<http://www.stroke.org/understand-stroke>

<http://www.stroke.org/stroke-resources>

Centers for Disease Control and Prevention

https://www.cdc.gov/stroke/materials_for_patients.htm

National Institutes of Health

<https://stroke.nih.gov/materials>

For Professionals

Caplan B. Rehabilitation Psychology and Neuropsychology with Stroke Survivors. (2010). In R. Frank, M Rosenthal, and B. Caplan (Eds.), Handbook of Rehabilitation Psychology (second edition). American Psychological Association: Washington, D.C.

Zorowitz R. and Harvey R. Stroke Syndromes. (2016). In D. Cifu, Braddom's Physical Medicine and Rehabilitation (fifth edition). Elsevier: Philadelphia.