Introduction. Cerebellar strokes represent a unique presentation among patients with neurological diagnoses. However, the low incidence of this condition leads to a relatively sparse amount of literature dedicated to the topic. This case report chronicles the physical therapy interventions and outcomes for a single patient who experienced a hemorrhagic cerebellar stroke during an inpatient rehabilitation admission.

Case Description. The patient is a 49 year old man who experienced a hemorrhagic stroke in his cerebellum. His medical history and the results of his initial physical therapist examination are presented. In addition, the interventions used with this patient, i.e. gait training, neuromuscular re-education, and aquatic therapy along with outcome measures related to his balance and gait are described. The results of the BERG balance test, gait speed, 6MWT, and Mini-BEST test highlight the progress and increased functional mobility he achieved during his rehabilitation.

Outcomes. The patient achieved the functional status of modified independence with a 4WW as well as demonstrating a gait speed indicative of being a community ambulatory. His BERG score showcased a decreased level of fall risk.

Discussion. The inpatient rehabilitation setting and interventions utilized, such as body weight supported treadmill training, facilitated implementing the principles of neuroplasticity into the patient’s recovery. The emphasis on repetition and intensity of interventions led to significant improvements in this patient’s BERG balance score and ambulation measures.