

Patient, a 45-year-old man, is in a nursing home

When he was 42, he suffered carbon monoxide poisoning which handicapped him, with multiple cognitive deficits affecting his ability to speak and have good mobile functions. Due to frontal lobe damage and brain stem involvement, patient had severe shifts in controlling his emotions, having violent outbursts at times. Patient is very dependent and in a wheelchair. Also, the traumatic brain injury (TBI) due to hypoxia impaired the use of his right hand with some impairment in his left hand. Patient's father now takes a special CSI configured laptop computer daily when he visits his son. Began CSI Internet based Rehab Therapy in January 2001.

- Now uses both hands in conducting the prescribed activities, with the right hand almost equal to the left hand for performing visual and auditory exercises.
- Extended his focus and attention capabilities from 20 minutes to 2+ hours, 5 days a week.
- Can speak in sentences without difficulty.
- Neuropsychologist stated that he has seen progress in Patient's behavior with positive responses in his scheduled sessions. The Neuropsychologist also gave Patient a neuropsychological battery of tests to establish a baseline, which Patient was unable to take before.
- The head nurse has stated that patient still has some outbursts but much more controlled; however, now he always apologizes.
- With Patient's current rate of improvement, he has a promising chance of living independently sometime next year.
- This case was CSI's first out-of-state placement, connecting the patient with a therapist approximately 1,700 miles away.