

**16 year old student with severe sports injury in the fall of 1999, received
a severe head trauma, leaving him in a coma for 23 days**

After being in therapy for 6 months, the Speech Language Pathologist, who was assigned to work with the patient, was frustrated with the minimal progress that patient was demonstrating. A Tulsa Speech Language Pathologist, who was familiar with the CSI System, referred patient to Cognitive Systems Inc.

- In the first week of September 2000, patient completed a complete neuropsychological battery of tests to determine his cognitive deficits. A clinical neuropsychologist reviewed the post morbid data, which established the basis for his recommendations for treatment.
- Patient began his cognitive exercises via the Internet in his home on Sept. 2000. As of August 2001, his progress is well defined with his teachers stating that they too are impressed with his improvements, especially in his short-term memory and willingness to participate in class discussion.
- Patient is continuing on the therapy at home and is showing progress in school.
- In meeting with the Special Education coordinator, a comparison of patient's academic achievement test scores of Sept. 2000 with the March 2001 academic achievement scores showed the patient's achievement level was significantly enhanced. In the majority of the Sept. achievement scores, patient registered in the low percentile in most academic areas. After 6 months of cognitive therapy, patient had 3 subjects in the Outstanding Percentile with 90% of the remaining subjects in Average to Above Average range. Only 3 tested skill areas were still in the Low Percentile. As a result of patient's rapid rewiring of his thinking processes, continuation of the CSI System in patient's home throughout the summer was authorized by the Special Education director.
- As of August 2001 patient is alert, has the gleam of life in his eyes, and shows no physical or speech disabilities. Patient never went through the anger stage of recovery and eagerly takes on new tasks as assigned. Full, eventual recovery is expected