

## PATIENT PASSES NATIONAL BOARD AFTER RECEIVING TREATMENT

In 1991, Brian Bonsteel, a 25 yearold student of the School of Dental Medicine at the University of Pittsburgh, was in an automobile accident. During the accident, Brian hit his head on the metal framing that lined the driver's side window. He was treated at UPMC Presbyterian Hospital where his attending physician gave him instructions to "rest" following a concussion diagnosis.

Approximately 5 years after he was diagnosed with a concussion, Brian was still experiencing concussion-like symptoms. He decided to seek treatment from Dr. Charles A. Simkovich at Simkovich Centers in Wexford, PA. After evaluating Brian, Dr. Simkovich stated, "Brian presented with postconcussion syndrome complex. His symptoms included lack of ability to concentrate on tasks, reading comprehension problems, memory/recall problems, and headaches. Brian also reported that previous to his accident he displayed none of these symptoms."

### PATIENT'S CONCERNS

A driving force behind Brian's decision to seek alternative treatment for his concussion-like symptoms was his inability to pass the National Board Dental Examinations. Brian had recently completed dental school but was unable to pass his National Boards due to the problems he was experiencing. Brian recognized that studying for the tedious exam became increasingly more difficult after his car accident. He attempted to take the exam twice and failed. The symptoms were keeping him from achieving a license to practice in his field, therefore Brian began working at UPS to earn a living until he was able to pass.

### INITIAL FINDINGS

After assessing Brian and his symptoms, Dr. Simkovich determined the following findings: Bilaterally anterior C1, posterior cloacal, labyrinthine, posterior cloacal/labyrinthine, AP switching mechanism, SI switching mechanism, K27, LTM, lateralization, left imbrication, dural defense, retraction, parietal descent, anterior cloacal/ocular, oculolabyrinthine, neckrighting, inferior lesser sphenoid, sphenobasilar fault, sphenoid tilt, oculovestibular (visual), spheno-vestibular (visual and auditory), sphenoocular (visual). The patient displayed four of four possible cranial injury complexes.

### TREATMENT AND OUTCOME

Dr. Simkovich performed ten treatments over a fourweek period on Brian. Following the treatments, all initial findings were corrected and the patient displayed no neurological reflex deficits. Six weeks after the initial treatment, Brian retook the National Boards Dental Examination for the third time. This time he passed and was able to begin practicing in his field.

### DOCTOR'S COMMENTS

Dr. Simkovich concluded that Brian Bonsteel, DMD's concussion was the direct cause of his resultant neurological deficits, which were eliciting compromised central nervous system function. Dr. Simkovich states "His injuries, unless corrected, would have negatively impacted the quality of living for the rest of his life. Had he not been diagnosed and treated, the deficits caused by the head trauma would have continued to worsen with time."