



## **Phoenix Thera-Lase Case Study Summary**

April-May 2018

1. A 40-year old male veteran, formerly a Navy SEAL, was treated using the Phoenix Thera-Lase for post ACL surgery. Significant past medical history includes soft tissue damage from multiple jumps and landings while deployed. Patient has tried to resolve pain with physical therapy exercises and massage. After treatments with the Phoenix Thera-Lase System, the patient states his ACL scar tissue is not as thick post-treatment and healed faster in comparison to his previous surgery on the left knee; patient also displays an increased range of motion and states the aching pain was significantly reduced.
2. A 39-year old male veteran of the US Marine Corp was experiencing back pain due to injuries incurred during deployment. He was recommended to be treated with the Phoenix Thera-Lase system, three times a day for 10 days in increasing time increments throughout the day. Patient has a very active lifestyle, from being in the gym and outdoor activities. After two weeks of treatment with the Phoenix Thera-Lase system, the patient stated he was able to work out for longer periods of time (which increased quality of life due to the active nature of his job) as well as recover from physical stress within one day after treatment.
3. A 7-year old male diagnosed with autism at the age of three. In addition to his DFNT treatment, he was treated with the Phoenix Thera-Lase system to be run over his frontal lobes to see if this will stimulate a higher response in personality. The patient began exhibiting more singing, independence of dressing and grooming and talking without echolalia. The mother of the child stated that it seemed as though he had more independence of thought and action after beginning brain stimulation with the Phoenix Thera-Lase.

4. A 49-year old male suffering from a left hemisphere hemorrhagic stroke he began treatments with the Phoenix Thera-Lase System. He was unable to ambulate and was entirely wheelchair bound with his right foot in an AFO and loss of use of his right arm. He was treated with the Phoenix Thera-Lase system over his left cerebral hemisphere, down his right arm and down his right calf and foot in addition to his DFNT therapy. The patient regained 25% feeling back in his right foot and hand. His capillary refill improved from greater than 5 seconds to less than 3 seconds. His epidermis no longer exhibited a purplish cast on his right arm. His wife stated his biggest frustration was his right arm, and that the Phoenix Thera-Lase improved feeling in his right arm. His aphasia improved and he was able to string together more coherent words and complete 2 sentences out of 5 attempts.
5. A 26-year old male MARSOC veteran with complications of the spine from a traumatic brain injury incurred while on deployment. The patient experienced significant pain of his c-spine and bilateral patellae. After 10 days of Phoenix Thera-Lase treatment, the patient stated his knee pain was reduced significantly, and the secondary musculoskeletal pain experienced around his c-spine injury was greatly improved.
6. A 4-year-old boy with Batten's Disease was introduced to the Phoenix Thera-Lase System. He wore a helmet due to having 120 seizures an hour that were myoclonic and absent, was unable to ambulate or speak. His other physicians and therapists told his mother that his jaw bone was disintegrating from the seizures and he would soon have to be intubated for food and eventually oxygen. The life expectancy of Batten's Disease is 10 years; this patient was only expected to live another year. After beginning treatment that included e-stim on his vagal nerve, eye exercises, brain therapy, and off-vertical axis rotational therapy he showed significant improvement. Our practice was then given the Phoenix Thera-Lase system, and we used it on his cranium in the hopes that the photon regeneration would help the areas of the brain damaged by seizures. By the end of his treatment, he was walking, babbling some words, interacting with his brother and he only had 3 seizures per day. Additionally, when returning home his mother stated that his physical therapist ordered an X-ray and his jawbone was reforming. He is now able to eat solid foods and will not be intubated.
7. A 38-year-old male with a history of vertigo, ear pain, ear fullness and migraine's due to a concussion is introduced. After completing 2 weeks of therapy, his symptoms were significantly reduced, but the ear pain was ongoing. As he was about to embark on a long drive home, we decided to try the Phoenix Thera-Lase system on his ear. Holding his Eustachian tube open, we applied the laser to the canal for 15 minutes. He stated that for the first time in 8 years he had no ear pain and the feeling of fullness and pressure was completely resolved. On his follow up call, his symptoms remained gone after the single, short treatment.
8. A 22-year-old female college student with myoclonic seizures and migraines. She is still currently in treatment. After seven 15-minute treatments of her neck and cranial nerves

with the Phoenix Thera-Lase system together with our neurological therapy, her migraines have reduced by 30% in both severity and duration.

9. A 26-year-old veteran of the US Army was experiencing symptoms related to TBI and PTS. After completing his neurological rehabilitative therapy, his symptoms were significantly reduced. However, upon his return evaluation, he revealed that he had several painful lumps. It was concluded that the lumps were lipomas, and the patient stated they caused significant pain. We removed the largest lipoma and began treating the wound with the Phoenix Thera-Lase system. The wound is still healing, but no antibiotics have been necessary and no pain medications have been needed.



Day 1 post-lipomaectomy. Note the redness and swelling around the incision.



Day 2 post-lipomaectomy. Notice there is no redness or inflammation around the site. The patient receives 3 fifteen-minute treatments of the Phoenix Thera-Lase per day. He has received 6 treatments so far.