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Permanent Coma Patient Relearned to Speak, Eat, Move, and Improved his Nervous System Functioning through 10 Years of Coordination Dynamics Therapy

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ABSTRACT

Following an extreme severe brain injury in a car accident, a 22-year-old male patient lost approximate 50% of the brain (Figure) and switched into the permanent coma state. One year after the accident coordination dynamics therapy (CDT) [1] was started with 20 h per week. The patient was passively moved. During the first year of CDT the cardio-vascular performance became normal. No blood pressure problems occurred any more during exercising. Following 3 years of CDT he started to reach slowly the minimally consciousness state. Following 5 years of CDT, he had recovered fully from coma. Some movement functions re-appeared and he became able to communicate with the surrounding. Following 5.5 years of CDT he could move better and say the word 'ma' instead of mama. It was hoped that he could re-learn a few words, because the speech center seemed not to be damaged. Through 5.7 years of intensive CDT, he rather suddenly became able to speak again [2]. He could precisely repeat every word in English or Greek (mother tongue), but he was not able to have a conversation. The cognitive functions were still missing. Following 10 years of CDT the patient Manolis re-learned to eat by himself and became able to exercise fully by himself on a special CDT device (Figure) with the right arm and the legs. His nervous system functioning could be measured. The higher mental functions, including memory, improved continuously and he became able to contribute to his treatment with the mother. Because of pain in the elbow joint, he did not want to use the left arm to reduce flexor spasticity in the left leg, which hindered walking. Surgeons refused so far, to remove osteophytes.



- 1. Schalow G (2023) Genetic disease repair (5p-) through Coordination Dynamics Therapy. Int J Med Clin Imaging 9(1): 477-611.
- 2. Schalow G (2019) Permanent coma patient re-learned to speak via Coordination Dynamics Therapy. Arch Clin Med Case Rep 3(2): 33-50.

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