



SYNAPSE BIOMEDICAL FACT SHEET

THE COMPANY:

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Co-Founder, CEO & President: Anthony Ignagni
Chief Operating Officer: Moustapha Diop

HISTORY:

Synapse Biomedical was founded in September 2002 in Oberlin, Ohio. Synapse was created to commercialize the NeuRx Diaphragm Pacing System (DPS)™ that was developed through a joint effort of physicians and engineers at several institutions, including Case Western Reserve University, University Hospitals Case Medical Center, and the Veterans Administration Medical Center. Early research funding was provided to Case Western Reserve University by the Department of Veterans' Affairs.

WHAT THEY DO:

Synapse Biomedical is focused on the commercialization of life-transforming neurostimulation platform to treat people with respiratory insufficiency.

Synapse has pioneered the innovative use of minimally invasive surgical techniques to provide ventilation in persons with respiratory muscle paralysis, such as with spinal cord injury, allowing patients to breathe on their own again and enhancing their quality of life.

The company's NeuRx Diaphragm Pacing System (DPS)™ has helped more than 50 patients with spinal cord injuries breathe again, including Christopher Reeve, and is now in trials for Amyotrophic Lateral Sclerosis (ALS) or Lou Gehrig's Disease.

CLINICAL TRIALS:

Clinical trials for the use of the NeuRx Diaphragm Pacing System (DPS)™ on patients with spinal cord injury began in 2000 and took place at various hospitals and spinal cord centers including the University Hospitals Case Medical Center, Shepherd Rehab Center in Atlanta, Methodist Hospital in Houston, Vancouver General Hospital in Canada, and Landspítali Medical Center in Iceland.

Clinical trials for the use of the device on patients with ALS are currently taking place at University Hospitals Case Medical Center, Johns Hopkins University, Stanford University, Methodist Neurological Institute, Henry Ford Health System, the Mayo Clinic, California Pacific Medical Center (CPMC) and Mount Sinai Medical Center in New York.

FOR MORE INFORMATION:

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