

Hinduja Group backed MindMaze to drive future of upper-limb neural recovery in India

17 February 2023 | News

With a first-in-class smart peripheral for hand dexterity assessment and training

MindMaze, the Hinduja Group backed Unicorn, has launched a first-of-its-kind, FDA-listed and CE-marked smart peripheral for patients with impairment in hand motor function, Izar in the United States and European Union.

It aims at introducing this path breaking treatment in India in association with hospitals and medical centres that have adopted MindMaze technology platforms.

As of now, MindMaze technology is deployed at more than 130 top medical centres across the world. In India, it is deployed in more than a dozen institutions including the apex government hospital AIIMS, New Delhi, and Hinduja Hospital at Mumbai, through wholly owned subsidiary, MindMaze India.

In 2019, the largest contributors to the total neurological disorders in India were stroke (37.9%), headache disorders (17.5%), epilepsy (11.3%), cerebral palsy (5.7%), and encephalitis (5.3%), said a Lancet Global Health Survey.

Izar is part of a comprehensive omni site approach to the treatment and maintenance of neurological diseases, including Stroke, Parkinson's disease, Alzheimer's disease, and Traumatic Brain Injury (TBI), among others. It is a hyper-sensitive controller built from the ground-up to train and assess both dexterity and strength, through capture of the fine grasp forces and wrist movements required to carry out activities of daily living. Izar can detect sub-newton level patient finger and hand forces, enabling treatment in the most impaired patient populations. This simple and highly portable controller is accompanied by proprietary and engaging gaming content that allows patients to self-train, either in-clinic, at bedside, or in the comfort of their home, dramatically enhancing and expanding training opportunities.

Founded in 2012, MindMaze has presence in Lausanne, Baltimore, London, Paris and Mumbai.