

## **[376] BCI BASED STIMULATION DEVICE- BQ (BRAINQ TECHNOLOGIES)**

**Yotam Drechsler, CEO, BrainQ Technologies**

### **Investment Rational**

BrainQ's mission is to lift paralyzed patients following neuro-disorders 'back on their feet' using BCI based stimulation device. Currently, we are conducting clinical trials in top hospitals in Israel and abroad and collaborating with leading institutes in the world to further strengthen our position as leaders in the world of BCI, data based, therapeutics.

### **Business Strategy**

Leasing or selling the device to both hospitals and inpatient/outpatient clinics, as well as a charging a per-treatment session fee. Additionally, we leverage our unique data acquisition to offer supporting health management analytics for neurology and rehab departments. Enabling them to make informed, data driven decisions and precisely track patients' recovery, in a way compatible with the shift towards value-based care.

### **Core Technology**

BrainQ's technology is Brain Computer Interface (BCI) based stimulation device, which uses artificial intelligence to observe the characteristics of physical therapy in the brain and apply those same characteristics directly to a patient's Central Nervous System (CNS). BrainQ has developed the world's largest known BCI database to date of functional motor tasks during EEG sensor measurements.

### **Product Profile/Pipeline**

Company's first product BQ 1.0 intended for clinical usage is in clinical trials these days. Company is aiming towards complementary home device.

### **What's Next?**

Company is aiming for clinical trials in US before end of 2019, towards FDA. It's currently in clinical trials in Israel and abroad for SCI and Stroke. It's first indication towards com