

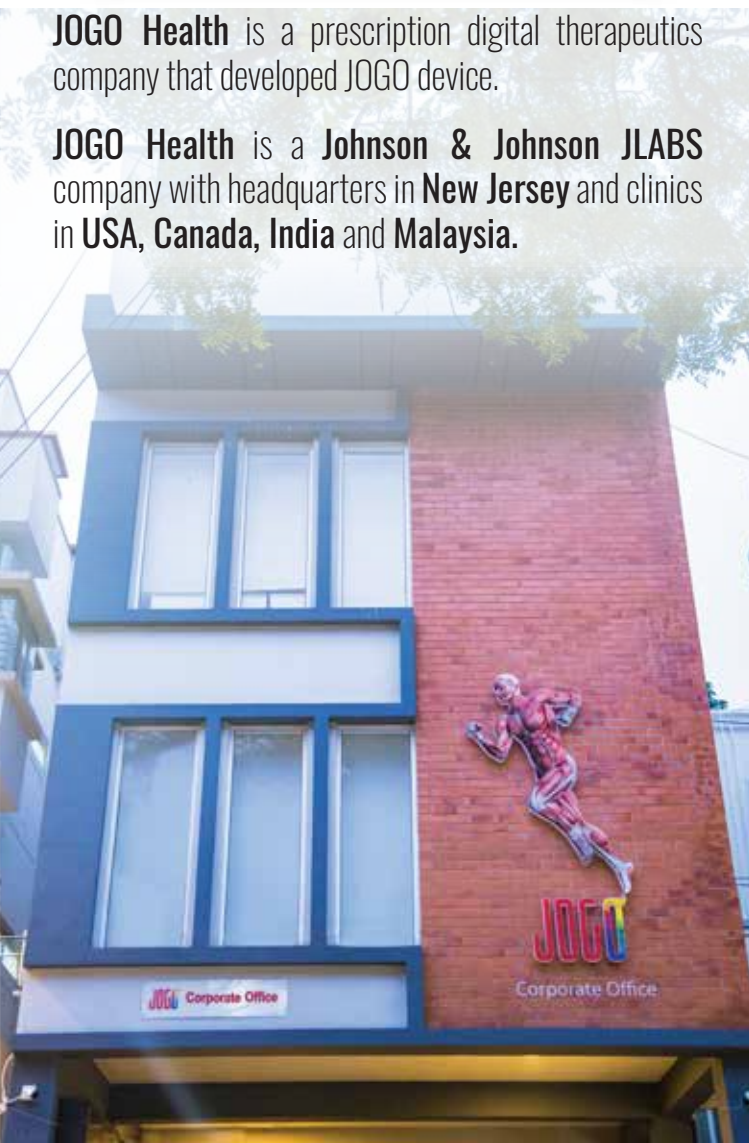


**JOGG**<sup>®</sup>  
EMG Biofeedback

## JOGO Health

**JOGO Health** is a prescription digital therapeutics company that developed JOGO device.

**JOGO Health** is a **Johnson & Johnson JLABS** company with headquarters in **New Jersey** and clinics in **USA, Canada, India** and **Malaysia**.



## JOGO Device

**JOGO** helps individuals gain control over muscle activity.

**JOGO** is an AI-driven device with wearable sensor applying the science of EMG biofeedback, facilitating neuroplasticity.<sup>1,2</sup>



### References:

1. Spencer J et al. Biofeedback for post-stroke gait retraining: a review of current evidence and future research directions in the context of emerging technologies. *Frontiers in Neurology*. 2021 Mar 30;12:637199.
2. Asp AI et al. Targeted neuroplasticity in spatiotemporally patterned invasive neuromodulation therapies for improving clinical outcomes. *Frontiers in Neuroinformatics*. 2023 Mar 24;17:1150157.

## How JOGO Works?

01



### Electrodes Placement

Surface electrodes are placed over the targeted muscle.

02



### Signal Acquisition

The EMG machine collects the electrical signals produced by the muscles.

03



### Feedback Display

The signals are then converted into visual or auditory feedbacks as graph displayed on the iPad screen or background sound/voiceover respectively.

04



### Awareness Building

The individual becomes aware of their muscle activity through the feedback.

05

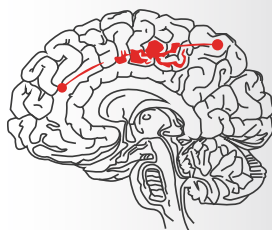


### Learning & Control

Overtime, individuals learn to control their muscle activity consciously through active monitoring.



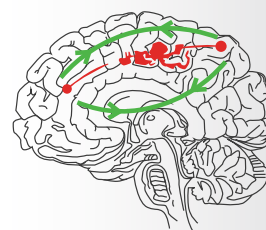
## JOGO Facilitates Neuroplasticity



Pathway between two neurons gets damaged.



JOGO provides specific, real-time, AV feedback to become aware of dormant or overactive muscles.



The brain remodels and reorganizes itself around the damage.\*



## Five Benefits of JOGO



95%  
Improvement in  
Symptoms as  
Reported by the  
Patients\*.#



Non-Invasive  
Protocol based  
Treatment



Real Time  
Targeted Muscle  
Performance  
Monitoring



Portable  
Enabling Remote  
Patient Monitoring



Active Patient  
Monitoring

### References:

#SUI patients

\*Dannecker et al. EMG-biofeedback assisted pelvic floor muscle training is an effective therapy of stress urinary or mixed incontinence: a 7-year experience with 390 patients. Arch Gynecol Obstet. 2005 Dec;273(2):93-7.



## Benchmarking Quality, Patient Safety & Standardized Care



FDA (510K)  
Exemption



JOGO Clinic# is World's  
1<sup>st</sup> JCI Accredited,  
Comprehensive Rehab  
Center

## Clinical Research Partnership With The Leading Medical Institutions



HARVARD  
MEDICAL SCHOOL



MAYO CLINIC



## Clinical Solutions Provided by JOGO

### Gastroenterology

- Chronic Constipation
- Dyssynergic Defecation
- Fecal Incontinence

### Urology

- Urinary Incontinence
- Voiding Dysfunction
- Pelvic Organ Prolapse
- Erectile Dysfunction
- Vaginismus
- Chronic Pelvic Pain

### Neurology

- Spasticity
- Focal Dystonia
- Parkinson's Tremor
- Migraine
- Chronic Low Back Pain



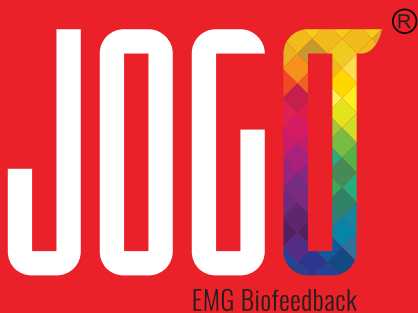
**JOGO** is Present in 10 Cities & 25+ Leading Hospitals in India



**We are also present in USA, Canada & Malaysia**







Chennai, Delhi, Mumbai, Kolkata, Bengaluru,  
Coimbatore, Madurai, Trivandrum

**For Appointments • • •**



Jogo India



Jogo\_India



Jogo India

1/1, 11th Cross St., Shastri Nagar, Adyar, Chennai, Tamil Nadu - 600020, India  
Ph: +91 91762 67000 | +91 63690 67000

[www.jogohealth.in](http://www.jogohealth.in)