

EMPOWERING A HEALTH TECH  
COMPANY TO DIAGNOSE DISEASE  
ONSET FASTER AND IMPROVE  
TREATMENT PATHWAYS



Our client is a healthcare technology company specializing in innovative solutions for patient care for treating Parkinson's disease. They develop advanced medical devices and software to improve diagnostics and treatment, enhancing the quality of healthcare delivery.

## Key Challenge

### Bridging FDA Approval and Dual Expertise

Our client needed a two-fold solution with regulatory and healthcare expertise to ensure the FDA approval moved forward efficiently, synchronized with a cost-optimized outcome-based solution for platform enhancement.

## The Solution

### Striving for Excellence

Infosys conceptualized a POD with medical device engineers and healthcare domain consultants to support platform enhancement and expedited FDA approval by designing and engineering a digital biomarker platform.



### Revolutionizing FDA Pathways with Biomarkers



#### Continuous Data Collection

Continuously collected passive keystroke data from personal devices and dispatched to the cloud every 90 seconds



#### Interpreting Health Data

Analyzed collected data through an AI / ML algorithm to generate a neurological health score



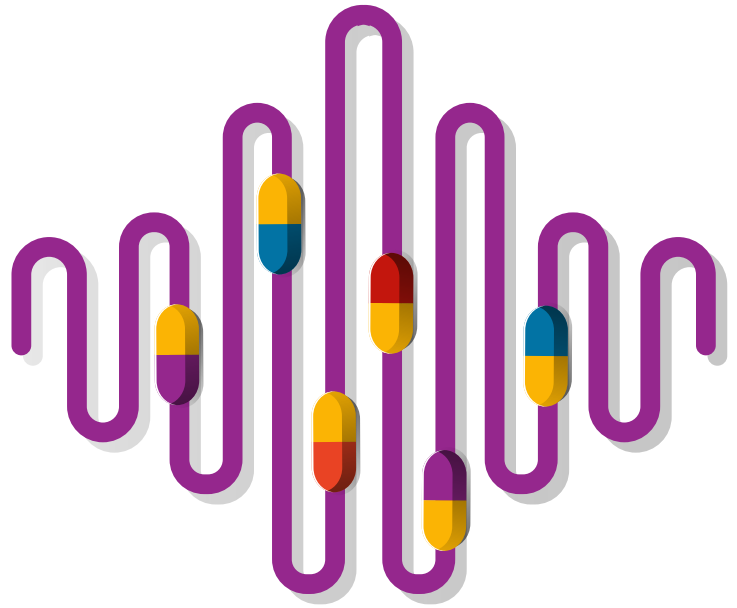
#### Aiding Neuroscience Better Than Ever

Generated insights for researchers, clinicians, payers and patients

## Benefits

- **Enabled Faster FDA Approval**  
Through expertise in regulatory requirements, cybersecurity needs, creating right documentation and setting up a platform for clinical study
- **Product Engineering Mindset**  
Through DevOps pipelines and release management and the right way of developing mobile and cloud solutions in an outcome-based engagement
- **Ensured Scalability**  
Extendable for other therapeutics including Alzheimer's, ALS, Fatigue, Multiple Sclerosis and many other neurological diseases

Infosys' agile, product engineering approach to healthcare has enabled the client to deliver their solution to patients faster than ever. With Infosys as their digital partner, the client now redefines neuroscience research and patient care, leading with the earliest possible detection.



## Infosys Healthcare Practice

Infosys empowers healthcare organizations to streamline intricate ecosystems, uniting processes, data and core systems. By forging seamless connections across the value chain, we pave the way for harmonized healthcare journeys that enhance connectivity between members and patients, fine-tune operational costs and orchestrate speed-to-market.

Learn more about how we enable organizations to amplify their possibilities and drive transformative growth.

[www.infosys.com/healthcare](http://www.infosys.com/healthcare)



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