



MOBILE INNOVATION: HOW AI TRANSFORMS PARKINSON'S CARE



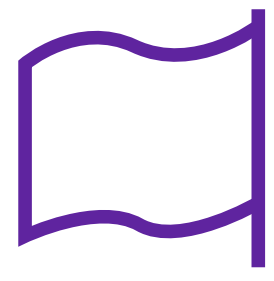
DXC Technology has harnessed smart technology to improve care for Parkinson's patients.

DXC and SAP created an AI-powered app that's changing how doctors monitor Parkinson's disease. The solution helps doctors make better decisions by tracking patients' symptoms in real time, leading to more personalized care.

Together with SAP, DXC developed an AI-powered mobile application as part of a Central Coast Local Health District funded project in Australia that supports patients suffering from Parkinson's disease.

The app uses AI to measure patients' symptoms in real time, wherever they are, analyzing data to provide clinicians with personalized insights. This enables more accurate diagnoses and treatment plans, tailored to each patient's specific condition, improving the overall quality of care.





THE CHALLENGE

Monitoring Parkinson's disease symptoms accurately has always been difficult, especially for patients in remote areas.

In 2020, the Central Coast Local Health District in New South Wales, Australia, launched a project to change this. They needed a way to track patients' symptoms continuously and help doctors make better treatment decisions, particularly for those with limited mobility or living far from care centers.



WHAT WE DID

DXC partnered with SAP to create an innovative mobile application that revolutionizes symptom tracking.

Patients can easily log their symptoms from wherever they are, performing diagnostic tasks like creating spiral drawings that are automatically sent to their neurologist. The app also captures vital information including blood pressure, mood, and medication timing.

Using AI, the system analyzes this data to determine how well a patient's symptoms are being controlled and measure fluctuations in their motor abilities, giving doctors a complete picture of their condition. The AI continues learning from this data, constantly improving its insights and understanding of treatment effectiveness.



HOW IT'S BETTER

Breakthroughs happen faster with DXC. Our solution has transformed care delivery for both patients and clinicians. It simplifies how patients track and report their symptoms, while giving doctors real-time insights for better treatment decisions.

For patients in remote areas or those with mobility challenges, the app significantly improves access to specialist care and reduces the need for in-person visits.

“I am very excited to be working with SAP and DXC on one of the first projects to deploy AI to assist in clinical decision-making and improving the lives of patients with this debilitating disease.”

Dr. Yun Hwan

Neurologist, Central Coast Neurosciences



INTERESTED IN WHAT WE DO?

At DXC, we partner with some of the world's largest and most recognized companies leveraging our industry experience. Our difference is in the doing with consultants, engineers and implementers who can solve the challenges, build the solutions and move companies forward like no one else can.

If you'd like to learn about how we can transform your organization, please email us at **partnerevents@dxc.com**

We look forward to speaking with you.

