

kneu  
HEALTH

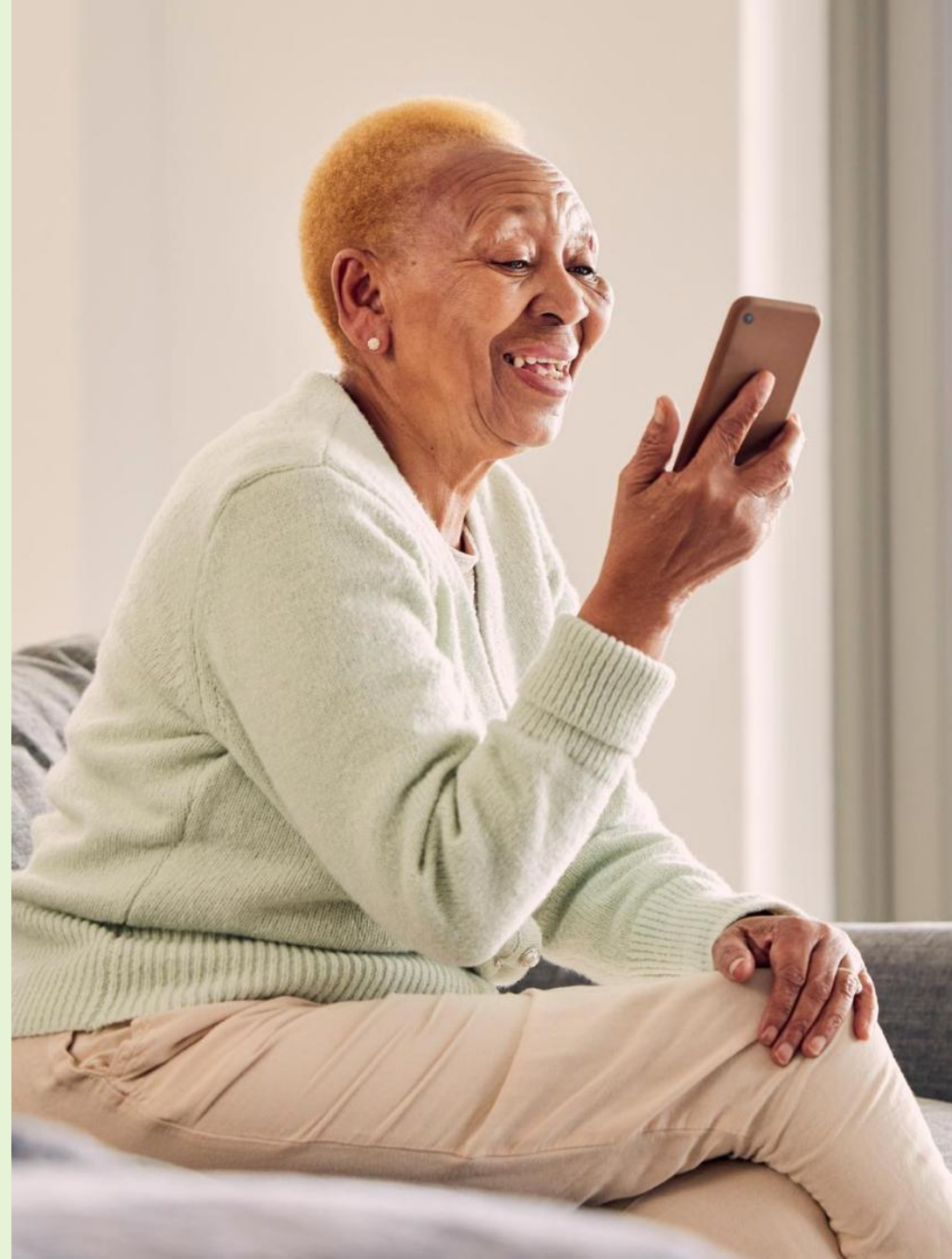
# Closing the Gap in Neurology

Starting with Parkinson's and Dementia

A spin-out from



UNIVERSITY OF  
OXFORD





# Neurology care today

**\$400B per year**

Spent on chronic  
neurology conditions

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**25% acute beds**

Occupied by patients  
with dementia



Complex,  
Underdiagnosed  
Undertreated & Lack of  
Care Coordination

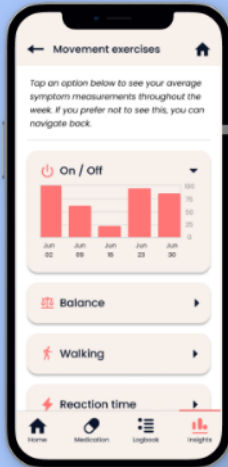
	40+	Symptoms
X	3-10	Medications per day
X	6	Monthly visits
X	DBS	And other therapies

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= 73,000 Potential Combinations

# k Our Solution

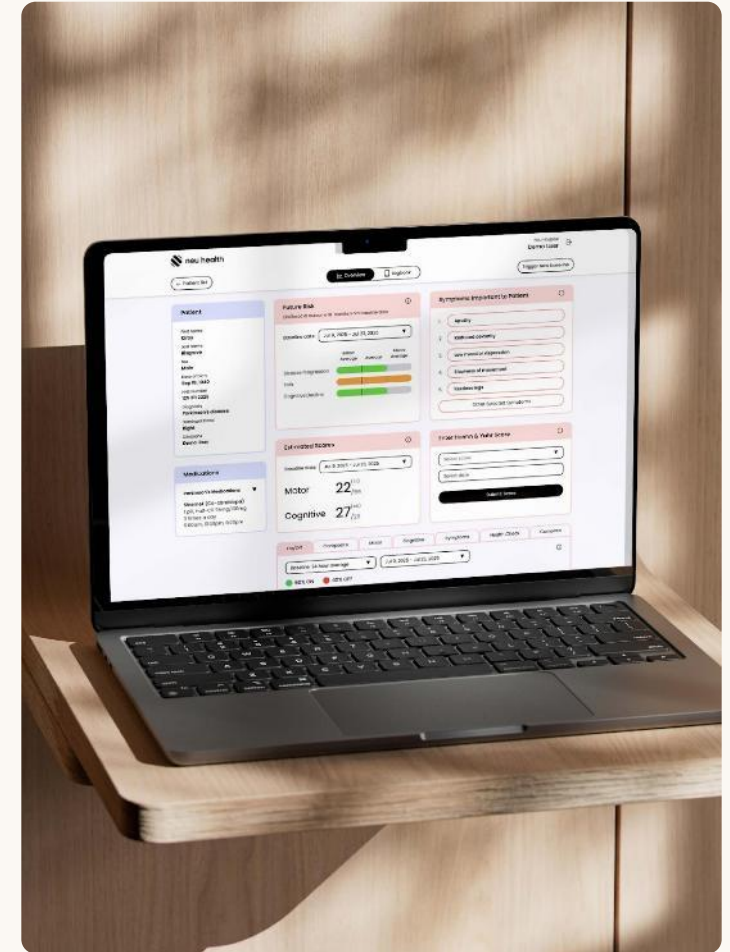
Leveraging over 10 years of research & data science



Smart phone based patient platforms  
**PATENT PENDING**



Fully remote active and passive data collection



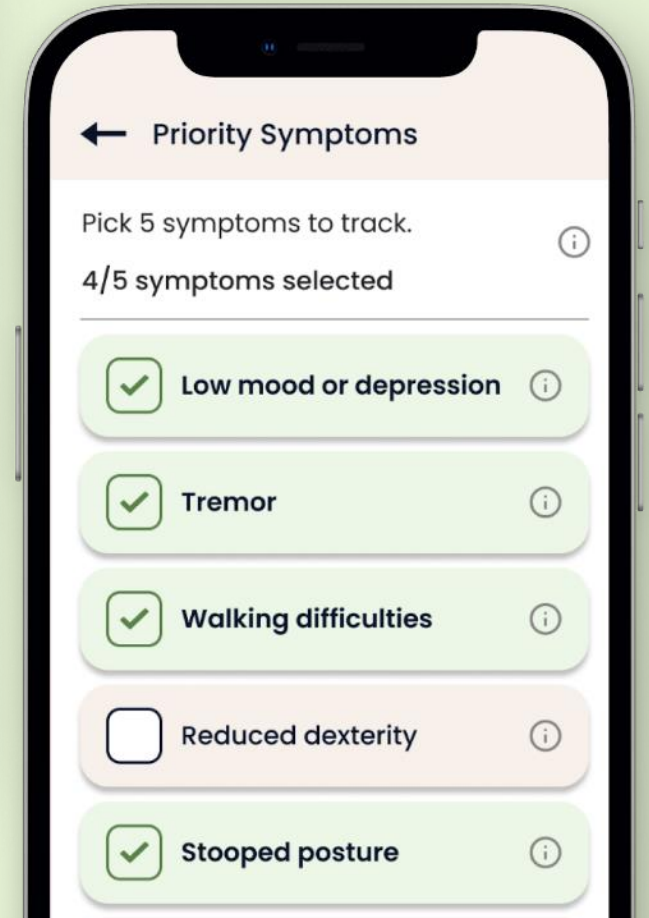
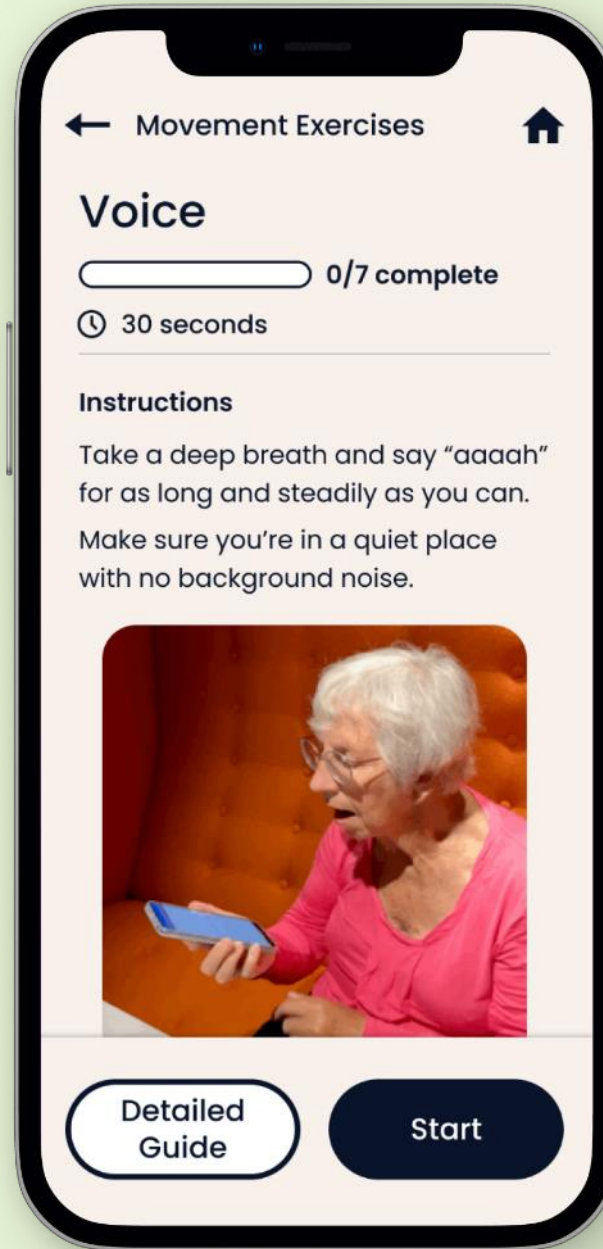
AI driven insights



# 1<sup>st</sup> FDA cleared smartphone medical device



Our Product





# Evidenced-based, Clinically validated



**90%**  
of clinicians report  
better patient care

**30%**  
Increase in patient  
knowledge

**30%**  
increase in clinic  
efficiency

Reduced hospital admissions

**1000**  
bed days saved  
annually per hospital



# Transforms Clinical Practice...



**Michele Tagliati** • 1st  
Professor and Vice Chair of Neurology, Director of Movement Disorders Division...  
3h • Edited

Thrilled to share that we've completed our first Remote Therapeutic Monitoring (RTM) visit at Cedars-Sinai for a patient with #Parkinson's disease, using the Neu Health platform — marking a major step forward in bringing precision care to patients beyond the clinic.

Through NeuHealth's #innovative #technology, we are now able to monitor #motor symptoms, #cognitive and #sleep activity, and #medication response in real time, allowing for more personalized and timely interventions. This first RTM visit is not only a clinical achievement, but a glimpse into the #future of Parkinson's care — continuous, connected, and patient-centered.

Grateful to our clinical team, patients, and partners at NeuHealth who are helping us redefine the standard of care.

Caroline Cake Bridget Frommel Nirdesh K Gupta, PhD Cheri Phillips Krystal Hattar

#ParkinsonsDisease #DigitalHealth #RemoteMonitoring #precisioncare  
#NeurologyInnovation #RTM #PatientCare #MovementDisorders  
#FutureOfMedicine



**Dr Michele Tagliati**  
Director of Movement Disorders Division,  
Cedars-Sinai Medical Center.



# k Transforms outcomes...

## Patient situation

Age: 60

Years with PD: 3 years

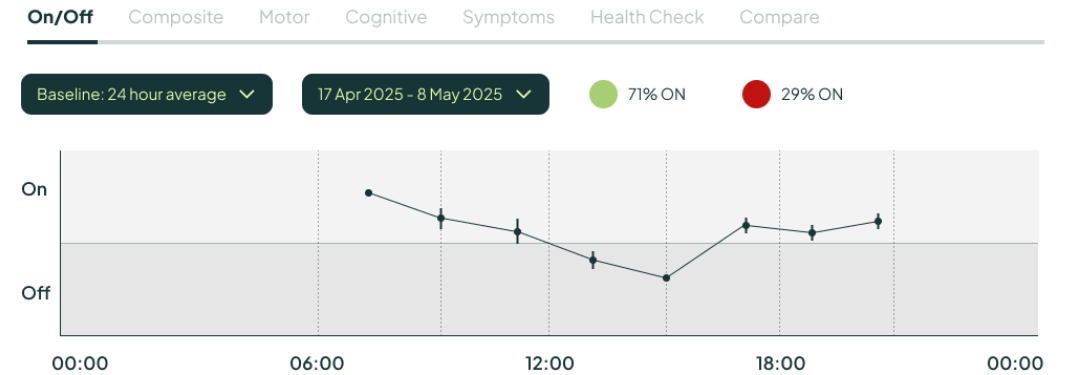
## What clinical decision was supported by the dashboard data?

*“I was able to identify exactly where the issues were related to his dip in control and make a specific decision about when to increase and change his medication”* - PD Specialist Nurse

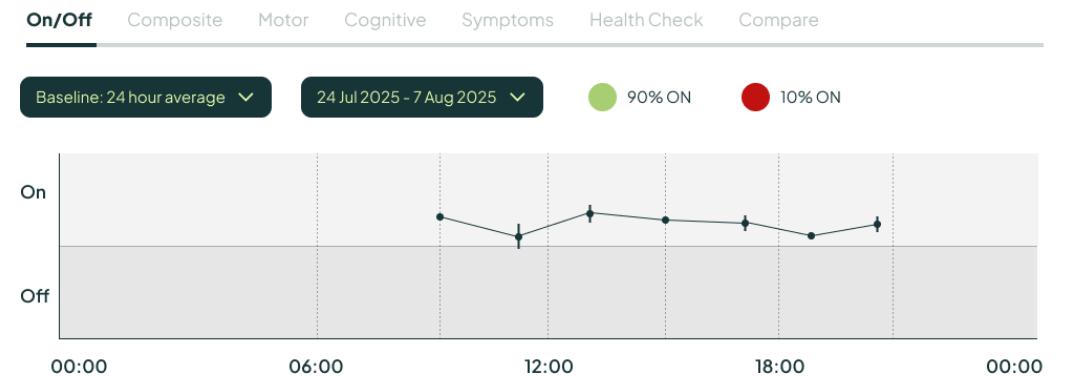
## What were the outcomes?

- Improved his ‘On-time’ from **71%** to **90%**
- Better On time in the afternoon, allowing him to do the things he wanted to do.

## Before



## After



100%

Clinicians found the platform useful

+60%

Patients engage daily

### Self-Management

12-30%

improvements in patient knowledge, confidence and empowerment

- Over 6 months of use, patients reported 12% increase in empowerment, 18% increase in confidence and 30% increase in knowledge about their condition

### Proactive Care

67%

of cases led to faster-than-standard access to treatment

- Clinicians are using real-time data to detect patient deterioration earlier, enabling proactive interventions
- Focus on prevention and personalised care keeping people out of hospital and well for longer

### Efficiency

20%

reduction in clinic time

80%

fewer calls between visits

- More efficient and effective use of clinical time
- Reduction in number of patient calls between visits
- Wider use of PIFU and remote monitoring models freeing up time for higher-need cases

### Data Driven Decisions

53%

of patients had medication changes

- Using objective data supports more targeted treatment and interventions
- Over half of all patients had medication and/or therapy adjustments using the data

## Hospital Impact

### Reduced Emergency Demand:

1.2% Reduction in Parkinson's Emergency Admissions Bed days, contrasting with an 8.6% national increase

### Elective Shift Achieved:

20% increase in elective care

### Parkinson's Emergency Burden

**Reduced:** Share of Parkinson's in all emergency admissions dropped from 1.7% to 1.0%, easing pressure on acute services

# Delivering immediate and guaranteed customer ROI

Unlocking remote therapeutic monitoring (RTM) and review and management codes resulting in the ability to drive **\$1.2m+** in customer revenue per 1,000 patients

## Provider Revenue Per 1,000 Patients

### Annual RTM Monitoring

One-time Set-Up	\$19,420
Monthly Monitoring	\$551,400
<b>Guaranteed Annual Revenue</b>	<b>\$570,820</b>

Assumes 100% engagement with Kneu Health.

Treatment Management Opportunity	\$590,280
<b>Total Revenue Opportunity</b>	<b>\$1,161,100</b>

Customer-driven revenue opportunity. Additional value to be captured through therapy/medication optimization and reduced total cost of care through earlier intervention.

# Healthcare Provider Contracts

+\$11.2M

Raised across seed (Oct 2025) and pre-seed financing rounds

Dec 2023

Ipswich Hospital



East Suffolk and North Essex  
NHS Foundation Trust

Spring 2024

Leeds Hospitals  
Ipswich (expansion) +  
Colchester Hospitals



The Leeds  
Teaching Hospitals  
NHS Trust

Fall 2024

Multiple NHS  
contracts

Cedars-Sinai  
Investment



The Walton Centre  
NHS Foundation Trust



Oxford Health  
NHS Foundation Trust



Oxford University Hospitals  
NHS Foundation Trust



West Suffolk  
NHS Foundation Trust



2025

US Pilots with Cedars-Sinai + MGB  
1st UK Dementia Pilot



FDA  
Clearance

Medicare  
Reimbursement



# WHY kneu



**First-smartphone based, FDA 510-k cleared** medical device for Parkinson's Disease and registered for Dementia



**Validated in care settings** in the UK with leading global institutions – Oxford University



Combines **motor, cognitive, and behavioural** data into the **most comprehensive** remote **neurology dataset globally**



**HIPAA-compliant** and **EPIC-integrated** ready to scale in US and UK clinical practice



Designed to fit seamlessly into neurology workflows – **no new hardware, minimal staff training, and reimbursable out of the box**

# k Led by a Seasoned Leadership Team

## Management Team



**Caroline Cake**  
CEO, Co-Founder

- Led 2 successful start-ups (The PSC & HDR UK)
- Former CEO of HDR UK, the national institute for health data science
- MEng, Chartered Engineer
- McKinsey
- MBA, Harvard Business School

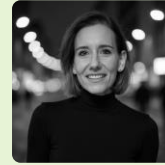


**Dr Kinan Muhammed**  
CMO, Co-Founder

- Consultant Neurologist
- Clinical Lecturer in Neurology & Neuroscience, Oxford University
- DPhil in Clinical Neuroscience
- NHS Clinical Entrepreneur
- Experienced CMO at Neuroscience Health-tech start-ups



**Hanson Chow**  
Chief Technical Officer



**Dr Matea Deliu**  
Director of Partnerships & System Transformation



**Lorna Sharpe**  
Director of Business Operations



**Divia Matoo**  
Head of UK Growth

McKinsey & Company

HDRUK  
Health Data Research UK  
The PSC



## Academic Co-Founders



**Prof. Michele Hu**  
MBBS FRCP PhD



**Prof. Masud Husain**  
MA DPhil BMBCh FRCP  
FMedSci FAAN FEAN



## Board of Directors



**Dr John Glaser**  
Chair



**Sean Slovenski**  
Non-Executive Director



**Joel Schoppig**  
Investor Director



**Nirdesh Gupta**  
Investor Director



# Thank you

We're building the next era of neurology care, one that's smarter, more human, and ready for the realities of Parkinson's and dementia. Your partnership helps bring this vision to life.

Let's move neurology forward, together.



[kneu.com](https://kneu.com)



[hello@kneu.com](mailto:hello@kneu.com)



2025 SXSW Europe Venture Spotlight Winner



2024 Winner for Digitising Patient Care in the NHS