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Physician-Powered AI Robotics in Corporate Health:

The First UK Employer-Based LEO360 Robot Remote Clinical Assessment

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Abstract

Background: Hybrid and remote primary care models are expanding across the UK; however, conventional video consultations are limited by the inability to perform physical examinations. Corporate employers face increasing pressure to provide accessible healthcare while minimizing productivity loss.

Project Overview: In January 2026, Davidsons Homes became the first UK employer to deploy the LEO360 physician-powered AI robotic platform at their headquarters. In partnership with GPDQ Clinical Services, the project aimed to address employee access to primary care and the need for proactive health screening.

Key Findings: Over a 3-week period, 133 employees received health checks. The program achieved a 4.9/5 patient satisfaction score, identified 63 cases of unmanaged high blood pressure, and saved approximately 266 hours in employee downtime. This evaluation demonstrates that on-site robotic video consultation is clinically safe and a significant driver of workforce productivity.

Introduction

Large employers currently face a triple threat: reduced access to GP appointments, productivity loss due to medical travel, and a rising burden of chronic conditions like hypertension.

Davidsons Homes, a leading UK homebuilder, sought to bridge this gap by implementing the LEO360 AI robotic platform. Unlike traditional video telemedicine, the LEO360 AI Robot enables remote GPs to perform real-time physical examinations, including heart/lung auscultation, otoscopy, and dermoscopy, ensuring employees receive medical-grade care without leaving the office.

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Live Medical Examinations

Pulse Oximeter	Blood Pressure	Thermometer	Weight Scale	Otoscope	Dermoscope	Stethoscope
129 Assessments	129 Assessments	129 Assessments	128 Assessments	119 Assessments	122 Assessments	123 Assessments

Performance Tracking & Results

133 LEO Health Checks	**55** Female	**78** Male	**931** Miles Saved
63 Monitoring Recommendations	**1,458** Total Video Minutes	**266 Hrs** **Saved travel/waiting time** **Estimated based on 2 hours per appointment*	**316.54 kg** Carbon Emissions Avoided

Clinical Findings

27 Individuals reporting general health concerns	**63** Patients with elevated blood pressure	**48** Patients with allergies identified	**34** Patients on medication

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Clinical Scenarios: The "Health Advantage"

1. Identifying Asymptomatic Hypertension and Cardiovascular Risk:

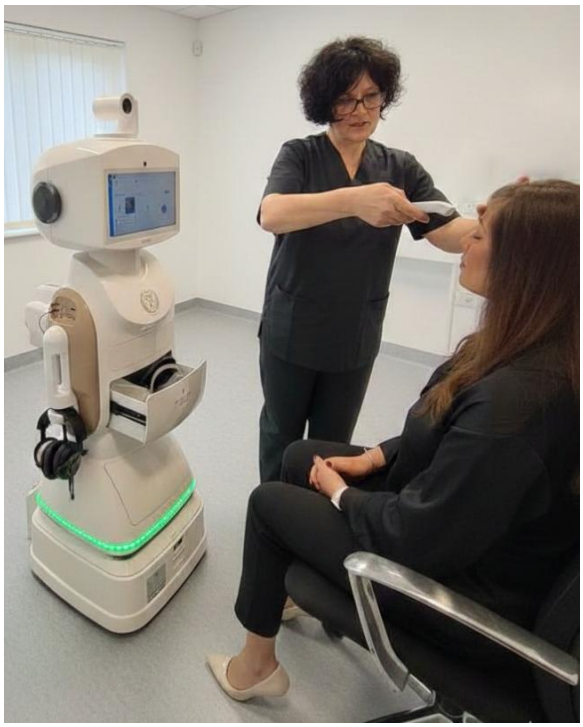
High blood pressure often presents without symptoms. Using the LEO360's integrated blood pressure cuff and digital stethoscope, the remote GP screened all participants.

- **Outcome:** 63 employees were identified with hypertension. Early detection allowed for immediate lifestyle advice and medication reviews, preventing potential cardiac events and long-term sick leave.

2. Comprehensive Physical Exam (Beyond Video):

Employees often delay care for skin lesions or ear infections due to the "hassle" of booking.

- **Outcome:** Using the high-definition LEO360 Dermatoscope and Otoscope, physicians identified 48 conditions. Employees received immediate prescriptions, eliminating the need to take a half-day off for a clinic visit.



3. On-site Medication Management:

- **Outcome:** 34 employees underwent medication reviews via two-way video and vital signs monitoring. This ensured clinical compliance and safety without disrupting the workday.

Strategic Value for Employers

1. **ROI through Time Savings:** By moving care to the office, travel time is eliminated. Preventative checks catch illnesses early, reducing long-term absenteeism.
2. **Corporate Health Intelligence:** The project provides anonymized, aggregate data on workforce health trends (e.g., hypertension prevalence), allowing for targeted wellness strategies.

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Patient Experience

Patient satisfaction from **128 surveys** averaged **4.9/5**.

Feedback themes:

- Initial scepticism replaced by confidence in the system.
- Appreciation for clarity and thoroughness of assessments.
- High enthusiasm for technological innovation in healthcare.

Representative comments include:

- **“Wonderful experience … just amazing!”**
- **“A very good experience… I was unsure at the start but have full confidence.”**

Clinician Experience

Doctors and nurses rated the system **5/5**.

- GPs reported LEO360 as a **“game-changer”,** enabling more accurate assessment than standard virtual consultations.
- Clinicians found the system intuitive and easy to learn.

Clinician Experience

Safety indicators were strong, with one hospital escalation and appropriate referral patterns (GP and follow-up).
No adverse events were reported.

Conclusion

The Davidsons Homes project proves that the LEO360 Robot is a scalable solution for the corporate sector. It transforms the workplace into a point-of-care, saving hundreds of hours of lost productivity while providing employees with a "VIP" healthcare experience.

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