

Proving AI's Value in Healthcare

2025 marks a pivotal year for artificial intelligence in healthcare. As the industry grapples with rising patient demand, workforce shortages and escalating costs, AI's transformative potential must move from promise to proof. To realise its value, organisations must bridge the AI Delta – the gap between AI's full potential and poor execution.

AI is already delivering results, from autonomous diagnostic tools with near-perfect accuracy to systems that optimise workflows and empower clinicians. Yet, significant barriers remain. Fragmented systems, regulatory hurdles and patient trust issues prevent widespread adoption. To thrive in 2025, healthcare leaders must redesign operating models, integrate scalable AI solutions, and ensure that innovation aligns with patient outcomes and clinician workflows.

L.E.K. Consulting is helping healthcare organisations navigate these complexities, creating strategies that embed AI into operations, optimise patient engagement and unlock value for all stakeholders. The time to act is now.

In focus: Key AI opportunities in healthcare

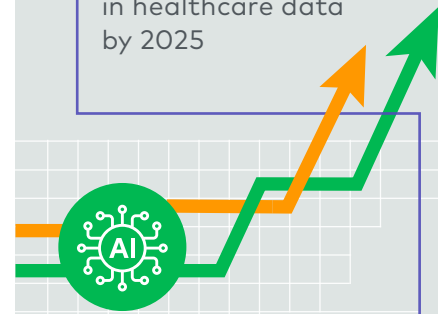
- 1 Clinical decision support:** AI tools like Oxipit are achieving an estimated 92% diagnostic accuracy, outperforming humans in specific fields such as radiology.
- 2 Clinical and admin efficiency:** Generative AI can reduce documentation time by up to 50%, enabling clinicians to focus on patient care. A high proportion of bookings, insurance eligibility checks and other call centre operations can be managed by generative AI tools.
- 3 Personalised care and engagement:** Copilots personalise healthcare delivery based on patient preferences, expanding access and improving adherence to treatment.
- 4 New care models:** Data and insight-based care can support prevention and personalised treatment at scale.



36%

 CAGR

Projected growth in healthcare data by 2025



\$614 bn

Estimated value of the global AI healthcare market by 2034



20%

 of GPs

have adopted generative AI in their practice to improve efficiency

Source: L.E.K. research and analysis

Want to find out more?

Contact us to discover how L.E.K. helps healthcare leaders bridge the AI Delta and unlock AI's transformative potential. Explore our Look Forward series to learn why 2025 is the year AI transforms industries.

Explore
the Look
Forward
series

