The transformative role of generative AI in healthcare

How to elevate personalized care and health delivery

Automate
clinical documentation to reduce burnout

Personalize
patient engagement

Accelerate
research and innovation

Ensure
compliance with explainable AI

Healthcare is shifting toward value-based care, where outcomes and patient experience are paramount. Generative AI (GenAI) is emerging as a powerful tool to support this shift by enhancing collaboration between human and artificial intelligence. It enables more personalized care, improves clinical decision-making, and supports innovation in treatment and delivery models.

Personalize patient engagement

AI-driven patient engagement tools can tailor communication and care plans based on individual health data, preferences, and behaviors. GenAI enables the creation of personalized health content, appointment reminders, and follow-up messages, improving the patient experience and encouraging adherence to treatment plans

Accelerate research and innovation

GenAI can rapidly analyze vast amounts of clinical data, medical literature, and trial results to uncover patterns, generate hypotheses, and support evidence-based decision-making. This capability accelerates the pace of medical research and the development of new treatments.

Ensure compliance with explainable AI

In regulated industries like healthcare, transparency and accountability are critical. Explainable AI (XAI) ensures that AI-driven decisions can be understood, audited, and trusted by clinicians, patients, and regulators. OpenText's governance tools help organizations implement AI responsibly.

With OpenText's GenAI solutions, healthcare organizations can expect:

- Reduced documentation time and improved clinical efficiency.

- Enhanced patient engagement and satisfaction.

- Accelerated research and innovation.

- Stronger compliance and audit readiness.

These outcomes support better care delivery, lower costs, and a more agile healthcare enterprise.

OpenText combines deep healthcare expertise with advanced AI capabilities. Our secure, scalable platforms help healthcare organizations manage complexity, ensure compliance, and drive innovation with GenAI.

Solution area	Relevance to healthcare	Benefit
GenAI-powered clinical documentation	Automate notetaking and reduce admin burden	Improves physician efficiency and reduces burnout
AI-driven patient engagement	Generate personalized health content and reminders	Enhances patient satisfaction and adherence
Research acceleration tools	Analyze clinical trials and literature	Speeds up discovery and innovation
Explainable AI governance	Ensure transparency and compliance	Builds trust and meets regulatory standards
Content intelligence	Extract insights from unstructured data	Improves decision-making and operational efficiency

Contact

Scott Lundstrom as the Industry Stratigist
Senior Industry Strategist, Marketing
OpenText

slundstrom@opentext.com

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