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DEGGENDORF
INSTITUTE OF
TECHNOLOGY



DigiHealthDay-2023

GLOBAL DIGITAL HEALTH - TODAY TOMORROW AND BEYOND

10
NOV
2023

ABSTRACT

Will generative AI become the greatest doctors' assistant they have been waiting for?

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Large language models (LLMs) and generative artificial intelligence are moving from hype to practice. Early technology companies are incorporating elements of genAI into electronic patient records, medical large language models - like Med-PaLM - are passing medical exams by answering more than 90% of questions correctly, and ChatGPT recently became a hero by diagnosing a boy with a rare disease that 15 doctors could not help. However, AI raises many concerns, like dangerous and hard-to-spot hallucinations, ethical issues, and potential mistakes when AI is used by untrained medical staff.

What can genAI do, and why will it (probably) become a co-pilot of every doctor?

