

ASCO and Google Cloud to Deliver AI-Powered Tool that Provides Faster, Interactive Access to ASCO's Evidence-Based Clinical Guidelines

ALEXANDRIA, Va., and SUNNYVALE, Calif., May 21, 2025 /PRNewswire/ -- The American Society of Clinical Oncology (ASCO) and Google Cloud today announced a powerful collaboration to launch an AI-based ASCO Guidelines Assistant. Developed with Google Cloud's Vertex AI platform and Gemini models, the tool is poised to transform how oncology professionals access and use critical clinical recommendations by providing faster access to ASCO's full library of evidence-based clinical guidelines. In addition, in using the ASCO Guidelines Assistant, clinicians can expect a more dynamic user experience, allowing them to ask follow-up questions for intuitive, easy integration of expert information into their patient care plans.

Oncology faces [mounting pressure](#), including rising cancer rates in younger Americans, a growing number of older cancer survivors, rapidly expanding treatment options, and growing fiscal constraints. This adds to the challenges of a [projected shortage](#) of oncologists, a strain felt most acutely in community practices and rural areas. As a result, community oncologists handle larger patient volumes and must have expertise across many cancer types as well as access to timely, relevant information.

The ASCO Guidelines Assistant addresses this urgent need in oncology by providing clinicians with a solution that removes the accuracy concerns often associated with publicly available AI tools. By drawing solely from ASCO's evidence-based, published clinical practice guidelines, the tool offers clinicians ready access to timely, trustworthy information.

"This partnership unlocks the value of ASCO's trusted guidelines knowledge," said ASCO CEO Clifford Hudis, MD, FACP, FASCO. "Google Cloud's AI expertise is the engine that will drive faster access to critical information, empowering oncology professionals to make rapid, evidence-based decisions for their patients."

A cornerstone of the ASCO Guidelines Assistant is its commitment to reliability and transparency. Recognizing the critical importance of accuracy in medical decision-making, the Guidelines Assistant provides clear citations and sources for all information it delivers. Furthermore, it facilitates a dynamic user experience, allowing clinicians to ask follow-up questions and provide feedback to refine and improve the tool. The ASCO Guidelines Assistant is now available to all ASCO members. Learn more on ASCO's website: asco.org/GA.

"Generative AI is poised to be a powerful ally for the global cancer care community," said Thomas Kurian, CEO, Google Cloud. "Think of it as providing clinicians with an AI-powered assistant that never tires, always learns, and can sift through mountains of data in seconds. Our collaboration with ASCO is about harnessing that potential to improve outcomes for cancer patients everywhere."

The collaboration with Google Cloud signifies a major step in ASCO's broader initiative to responsibly harness the capabilities of AI to support oncology professionals and improve cancer care.

About the American Society of Clinical Oncology

Founded in 1964, the American Society of Clinical Oncology, Inc. (ASCO®) is committed to the principle that knowledge conquers cancer. Together with the Association for Clinical Oncology, ASCO represents more than 50,000 oncology professionals who care for people living with cancer. Through research, education, and promotion of high-quality patient care, ASCO works to conquer cancer and create a world where cancer is prevented or cured, and every survivor is healthy. Conquer Cancer, the ASCO Foundation, supports ASCO by funding groundbreaking research and education across cancer's full continuum. Learn more at www.ASCO.org, and follow us on [Facebook](#), [X](#), [LinkedIn](#), [Instagram](#), [Bluesky](#), and [YouTube](#).

About Google Cloud

Google Cloud is the new way to the cloud, providing AI, infrastructure, developer, data, security, and collaboration tools built for today and tomorrow. Google Cloud offers a powerful, fully integrated and optimized AI stack with its own planet-scale infrastructure, custom-built chips, generative AI models and development platform, as well as AI-powered applications, to help organizations transform. Customers in more than 200 countries and territories turn to Google Cloud as their trusted technology partner.

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