Caris Life Sciences Advances Precision Oncology with New AI Insights Predicting Brain Metastases Risk in Breast and Lung Cancer

March 26, 2026

Caris AI Insights are proprietary algorithms only available to Caris Life Sciences customers and not achievable through small panels

IRVING, Texas, March 26, 2026 /PRNewswire/ -- Caris Life Sciences® (NASDAQ: CAI), a leading, patient-centric, next-generation AI TechBio company and precision medicine pioneer, announced the addition of two new Caris AI Insights™ signatures included in the Caris Molecular Tumor Board Report. These signatures assess the risk of patients developing brain metastases in breast and lung cancer. The addition of these two signatures brings the total number of proprietary Caris AI insights to seven, providing deeper insights to physicians and patients. This report, available upon request when ordering MI Cancer Seek® at no additional cost, provides clinicians with additional insights across all tumor types with specific algorithms for treatment decisions for colon, breast, ovarian, pancreatic and lung cancer.

Caris Life Sciences is accelerating the future of precision oncology by utilizing the world's most complete multimodal real-world dataset through its proprietary CodeAI™ platform, now exceeding over half a million patients tested with Whole Exome Sequencing (WES) and Whole Transcriptome Sequencing (WTS), H&E and IHC images with longitudinal follow-up clinical data. The novel Caris signatures for breast cancer and non-small cell lung cancer (NSCLC) predict a patient's risk of brain metastases. Brain metastases are a common and serious complication for a subset of breast and lung cancer patients, so identifying the risk for this type of complication early is a meaningful step to support more informed clinical decision-making.

"Insights from these proprietary Caris AI signatures give us a forward-looking view of which patients may be at elevated risk for brain metastases, allowing us to help guide clinicians to shift from passive surveillance to more proactive monitoring," said Caris President David Spetzler, MS, PhD, MBA. "Advanced clinical AI tools like Caris AI Insights are helping future-proof cancer care by integrating molecular intelligence into everyday decision making, so that we can personalize care earlier and with greater precision."

The brain metastases signatures were trained on a large set of 12,994 NSCLC cases and 3,371 breast cancer cases with matched survival outcomes. The signatures generate a personalized predictive score using each patient's WES and WTS data. Results are visualized as Kaplan-Meier curves, providing clinicians with an intuitive view of the likelihood and rate of brain metastasis development based on the patient's molecular profile.

Caris received FDA approval in November 2024 for MI Cancer Seek. This tissue-based assay is the first and only simultaneous WES and WTS-based assay with FDA-approved companion diagnostic (CDx) indications for molecular profiling of solid tumors.

A study is in progress with collaborators of the Caris Precision Oncology Alliance® (POA®) to highlight how risk prediction for brain metastases in breast and lung cancer patients is achieved using Caris AI Insights. The Caris POA is a global network of leading cancer centers and research groups that collaborate to advance precision oncology and biomarker-driven research.

About Caris Life Sciences

Caris Life Sciences® (Caris) is a leading, patient-centric, next-generation AI TechBio company and precision medicine pioneer actively developing and commercializing innovative solutions to transform healthcare. Through comprehensive molecular profiling (Whole Genome, Whole Exome and Whole Transcriptome Sequencing), advanced AI and machine learning, Caris has created the large-scale, multimodal clinico-genomic database and computing capability needed to analyze and further unravel the molecular complexity of disease. This convergence of next-generation sequencing, AI and machine learning technologies and high-performance computing provides a differentiated platform for developing the latest generation of advanced precision medicine diagnostic solutions for early detection, diagnosis, monitoring, therapy selection and drug development.

Caris was founded with a vision to realize the potential of precision medicine to improve the human condition. Headquartered in Irving, Texas, Caris has offices in Phoenix, New York, Cambridge (MA), Tokyo, Japan and Basel, Switzerland. Caris or its distributor partners provide services in the U.S. and other international markets.

Forward Looking Statements

This press release contains forward-looking statements within the meaning of the federal securities laws. All statements other than statements of historical facts contained in this press release are forward-looking statements, including statements regarding our business, solutions, plans, objectives, goals, industry trends, financial outlook and guidance. In some cases forward-looking

statements can be identified by words such as "may," "will," "should," "would," "expect," "plan," "anticipate," "could," "intend," "target," "project," "potential," "contemplate," "believe," "estimate," "predict," "potential" or "continue" or similar expressions.

You should not rely upon forward-looking statements as predictions of future events. Although we believe that the expectations reflected in these forward-looking statements are reasonable based on information currently available to us, we cannot guarantee that the future results, discoveries, levels of activity, performance or events and circumstances reflected in forward-looking statements will be achieved or occur. Forward-looking statements involve known and unknown risks and uncertainties, some of which are beyond our control. Risks and uncertainties that could cause our actual results to differ materially from those indicated or implied by the forward-looking statements in this press release include, among other things: developments in the precision medicine industry; our future financial performance, results of operations or other operational results or metrics; development, analytical and clinical validation, timing and performance of future solutions by us and our competitors; commercial market acceptance for our solutions, including acceptance of preventive as well as diagnostic testing paradigms, and our ability to meet resulting demand; the rapidly evolving competitive environment in which we operate; third-party payer reimbursement and coverage decisions related to our solutions; risks related to data management, storage, and processing capabilities and our ability to integrate and deploy artificial intelligence and advanced data analytics technologies; our ability to protect and enhance our intellectual property; regulatory requirements, decisions or approvals (including the timing and conditions thereof) related to our solutions; reliance on third-party suppliers; risks related to data security, patient privacy, and compliance with healthcare data protection regulations as well as potential cybersecurity threats to our data platforms; our compliance with laws and regulations; the outcome of government investigations and litigation; risks related to our indebtedness; and our ability to hire and retain key personnel as well as risks, uncertainties, and other factors described in the section titled "Risk Factors" and elsewhere in our Annual Report on Form 10-K filed with the Securities and Exchange Commission (SEC) on March 3, 2026, and in our other filings we make with the SEC from time to time. We undertake no obligation to update any forward-looking statements to reflect changes in events, circumstances or our beliefs after the date of this press release, except as required by law.

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