

Pathology informatics selected abstracts

written by CAP TODAY

October 14, 2025

October 2025—Large language models are becoming commonplace for personal and business use. The health care community is leveraging large language models (LLMs) for various purposes. Researchers at the University Medical Center Hamburg-Eppendorf, Hamburg, Germany, have successfully used open-source LLMs to extract critical medical data from pathology reports. They conducted a study that demonstrated how LLMs can transform unstructured clinical text into structured pathology data. While pathology reports are rich in information about tumor type, size, and stage, their narrative format makes automated data extraction difficult.



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Q&A column

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Q. Is telepathology used much in the United States for histology interpretation and diagnosis? For example, is it used to interpret digitally transmitted histology slides when working from home? [Read answer.](#)

Q. When a patient has a hematocrit level of ≥ 55 percent and a normal PT and APTT, do you still correct sodium citrate and ask for a redraw? Is it crucial to ask for a redraw when the emergency department orders a stat PT and APTT? [Read answer.](#)



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Newsbytes

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October 2025—For pathology residents, there are easier tasks than writing a perfect preliminary case report on the first attempt. Nailing Jell-O to a tree, for example, or stapling sunlight to a cloud. “When the attendings make no changes or just sign out the case as we wrote it, there’s a sense of accomplishment,” says Jingjing Cao, MD, pathology resident in the Departments of Pathology and Laboratory Medicine, University of California San Francisco.



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Put It on the Board

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October 2025—Send-out and other high-cost tests are the typical targets of lab stewardship, but a clinical decision support session at the ADLM meeting in July had a different focus: daily labs. It’s generally believed there is little to no opportunity for savings on daily labs because the reagent cost per test is low, as is the incremental labor savings for tests performed on automated instruments. Instead, said Grace Mahowald, MD, PhD, informatician and director of the core laboratory at Massachusetts General Hospital, “think about what goes into the cost of each of our daily lab tests,” from the nurse, patient care assistant, and phlebotomist to the specimen transporter and the lab receiving staff and technical staff who review results and call providers when specimens have to be refused at receipt. “And it’s questionable if people are even looking at the result,” she said.



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VoiceOver PRO now integrates with multiple DP systems

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Oct. 13, 2025—Voicebrook's VoiceOver PRO platform now connects with multiple digital pathology systems, including those from PathAI, PathPresenter, and Gestalt Diagnostics.



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Bio-Rad launches specialty immunoassay controls in Europe

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Oct. 9, 2025—Bio-Rad Laboratories has launched its Specialty Immunoassay Plus in Europe.



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[Tosoh gets clearance for next-gen GR01 HbA1c analyzer](#)

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Oct. 7, 2025—Tosoh Bioscience has received FDA 510(k) clearance for its Tosoh Automated Glycohemoglobin Analyzer HLC 723-GR01, intended for monitoring the long-term blood glucose control of people who have diabetes.



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[GSI Group acquires GenesisBPS](#)

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Oct. 2, 2025—GSI Group Holdings has acquired GenesisBPS, a designer and manufacturer of specialized benchtop blood processing equipment and laboratory consumables.



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[Siemens introduces drug testing analyzer](#)

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Sept. 30, 2025—Siemens Healthineers has introduced the Atellica DT 250 benchtop analyzer, to help identify substance use, monitor therapeutic and immunosuppressant drugs, and perform serum toxicology testing.



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[The Answer is Simpler: The real cost of change](#)

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