

Perspectives for clinical excellence

Success story: Precision medicine in action at Carilion Clinic



“We find the right test for the right patient at the right time in their disease process.”

William Fintel, MD
Medical Director,
Hematology and Oncology,
Carilion Clinic

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As precision medicine increasingly becomes the standard of care, health systems are leveraging targeted diagnostics to deliver more personalized care.

One example is Carilion Clinic, which partnered with Quest Diagnostics to harness the power of advanced diagnostic testing to drive more targeted and effective treatments for colorectal cancer patients.

The challenges Carilion Clinic faced

- Traditional diagnostic steps delayed treatment initiation
- EMR data fragmentation hindered access to comprehensive patient information

The solutions Quest delivered

- Established Quest Precision Pathways (QPP) to ensure clinicians received pathology reports for their initial patient oncology visits
- Ensured the continuity of patient data across treatment locations with integrated and succinct pathology reports
- Eliminated manual report searches through a custom EMR interface

The results achieved together

- Achieved 99% success in meeting the stated turnaround time for test results, aligning with patients' initial oncology visits
- Cut clinical trial enrollment time from several weeks to as fast as 12 days, accelerating targeted therapy initiation
- Reduced non-recommended care by 75%, ensuring patients received precise, evidence-based treatments