



National Coverage Determination (NCD) Update

Benefit: Blood biomarker testing as a colorectal cancer screening test

Effective Date: January 19, 2021

On January 19, 2021, the Centers for Medicare and Medicaid Services (CMS) announced its determination that the evidence is sufficient to cover a blood biomarker test as an appropriate colorectal cancer screening once every three years for Medicare beneficiaries, when performed by a Clinical Laboratory Improvement Amendments (CLIA)-certified laboratory, when ordered by an attending physician, and when all the following requirements are met:

1. Patient:
 - a. Is age 50-85, and
 - b. Is asymptomatic (no signs or symptoms of colorectal disease, including lower gastrointestinal pain, blood in the stool, positive guaiac test for occult blood in the stool, or a fecal immunochemical test, and
 - c. Has an average risk of developing colorectal cancer (no personal history of adenomatous polyps, colorectal cancer, or inflammatory bowel disease, including Crohn's disease and ulcerative colitis; no family history of colorectal cancer or adenomatous polyps, familial adenomatous polyposis, or hereditary colorectal cancer without polyposis).
2. The blood biomarker screening must have all of the following:
 - a. Food and Drug Administration (FDA) approval, with an indication for colorectal cancer detection, and
 - b. Proven test performance characteristics for a blood-based screening with sensitivity greater than or equal to 74%, and specifically greater than or equal to 90% in colorectal cancer detection, compared with the recognized standard (accepted as a colonoscopy at this time), based on the studies included in the FDA approval.



To access the memo containing the CMS decision, go to: <https://www.cms.gov/medicare-coverage-database/details/nca-proposed-decision-memo.aspx?NCAId=299>.

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