

Cell-Free DNA (cfDNA) Blood Tests in Primary Care Resources and Additional Reading

Resource	Address
Ahlquist DA. Universal cancer screening: Revolutionary, rational, and realizable. <i>NPJ Precis Oncol.</i> 2018;2:23.	https://pubmed.ncbi.nlm.nih.gov/30393772/
Aravanis AM, Lee M, Klausner RD. Next-generation sequencing of circulating tumor DNA for early cancer detection. <i>Cell.</i> 2017;168(4):571-574.	https://pubmed.ncbi.nlm.nih.gov/28187279/
Aravanis AA, Oxnard GR, Maddala T, et al. Development of plasma cell-free DNA (cfDNA) assays for early cancer detection: First insights from the Circulating Cell-Free Genome Atlas Study (CCGA). <i>Cancer Res.</i> 2018;78(13 suppl):LB-343.	https://doi.org/10.1158/1538-7445.AM2018-LB-343
Barefoot ME, Loyfer N, Kiliti AJ, McDeed AP 4th, Kaplan T, Wellstein A. Detection of cell types contributing to cancer from circulating, cell-free methylated DNA. <i>Front Genet.</i> 2021;12:671057.	https://pubmed.ncbi.nlm.nih.gov/34386036/
Etzioni R, Gulati R, Weiss NS. Multicancer early detection: Learning from the past to meet the future. <i>J Natl Cancer Inst.</i> 2022;114(3):349-352.	https://pubmed.ncbi.nlm.nih.gov/34450655/
García-Pardo M, Makarem M, Li JJN, Kelly D, Leighi NB. Integrating circulating-free DNA (cfDNA) analysis into clinical practice: Opportunities and challenges. <i>Br J Cancer.</i> 2022;127(4):592-602.	https://pubmed.ncbi.nlm.nih.gov/35347327/
Gelhorn H, Ross MM, Kansal AR, et al. Patient preferences for multi-cancer early detection (MCED) screening tests. <i>Patient.</i> 2023;16(1):43-56.	https://pubmed.ncbi.nlm.nih.gov/35844011/
Ignatiadis M, Sledge GW, Jeffrey SS. Liquid biopsy enters the clinic - implementation issues and future challenges. <i>Nat Rev Clin Oncol.</i> 2021;18(5):297-312.	https://pubmed.ncbi.nlm.nih.gov/33473219/
Lawler M, Alsina D, Adams RA, et al. Critical research gaps and recommendations to inform research prioritization for more effective prevention and improved outcomes in colorectal cancer. <i>Gut.</i> 2018;67(1):179-193.	https://pubmed.ncbi.nlm.nih.gov/29233930/
Loomans-Kropp HA, Umar A, Minasian LM, Pinsky PF. Multi-cancer early detection tests: Current progress and future perspectives. <i>Cancer Epidemiol Biomarkers Prev.</i> 2022;31(3):512-514.	https://pubmed.ncbi.nlm.nih.gov/35253043/
Luo H, Wei W, Ye Z, Zheng J, Xu RH. Liquid biopsy of methylation biomarkers in cell-free DNA. <i>Trends Mol Med.</i> 2021;27(5):482-500.	https://pubmed.ncbi.nlm.nih.gov/33500194/
Oxnard GR, Klein EA, Seiden M, et al. Simultaneous multi-cancer detection and tissue of origin (TOO) localization using targeted bisulfite sequencing of plasma cell-free DNA (cfDNA). <i>J Glob Oncol.</i> 2019;(5 suppl):44.	https://ascopubs.org/doi/abs/10.1200/JGO.2019.5. suppl.44

Ranucci R. Cell-free DNA: Applications in different diseases. <i>Methods Mol Biol.</i> 2019;1909:3-12.	https://pubmed.ncbi.nlm.nih.gov/30580419/
Razavi P, Li BT, Brown DN, et al. High-intensity sequencing reveals the sources of plasma circulating cell-free DNA variants. <i>Nat Med.</i> 2019;25(12):1928-1937.	https://pubmed.ncbi.nlm.nih.gov/31768066/
Smith RA, Andrews KS, Brooks D, et al. Cancer screening in the United States, 2019: A review of current American Cancer Society guidelines and current issues in cancer screening. <i>CA Cancer J Clin.</i> 2019;69(3):184-210.	https://pubmed.ncbi.nlm.nih.gov/30875085/
Song P, Wu LR, Yan YH. Limitations and opportunities of technologies for the analysis of cell-free DNA in cancer diagnostics. <i>Nat Biomed Eng.</i> 2022;6(3):232-245.	https://pubmed.ncbi.nlm.nih.gov/35102279/
Stroun M, Maurice P, Vasioukhin V, et al. The origin and mechanism of circulating DNA. <i>Ann N Y Acad Sci.</i> 2000;906:161-168.	https://pubmed.ncbi.nlm.nih.gov/10818614/
Ulrich BC, Paweletz CP. Cell-free DNA in oncology: Gearing up for clinic. <i>Ann Lab Med.</i> 2018;38(1):1-8.	https://pubmed.ncbi.nlm.nih.gov/29071812/
Wolpin BM, Richards DA, Cohn AL, et al. Performance of a blood-based test for the detection of multiple cancer types. <i>J Clin Oncol.</i> 2020; 38(4_suppl):283.	https://ascopubs.org/doi/abs/10.1200/JCO.2020.38.4_suppl.283
Yan YY, Guo QR, Wang FH, et al. Cell-free DNA: Hope and potential application in cancer. <i>Front Cell Dev Biol.</i> 2021;9:639233.	https://pubmed.ncbi.nlm.nih.gov/33693004/
Zhou H, Zhu L, Song J, et al. Liquid biopsy at the frontier of detection, prognosis and progression monitoring in colorectal cancer. <i>Mol Cancer.</i> 2022;21(1):86.	https://pubmed.ncbi.nlm.nih.gov/35337361/

Resources and Societies

Resource	Address
American Association for Cancer Research	https://www.aacr.org/
American Academy of Family Physicians	https://www.aafp.org/home.html
American Cancer Society	https://www.cancer.org/
American Society of Clinical Oncology	https://www.asco.org/
National Cancer Institute	https://www.cancer.gov/
National Comprehensive Cancer Network - Guidelines	https://www.nccn.org/professionals/physician_gls/default.aspx