

## Acute Myeloid Leukemia

Resource	Address
Büchner T, Schlenk RF, Schaich M, et al. Acute myeloid leukemia (AML): Different treatment strategies versus a common standard arm—combined prospective analysis by the German AML Intergroup. <i>J Clin Oncol</i> . 2012;30(29):3604-3610.	<a href="https://pubmed.ncbi.nlm.nih.gov/22965967/">https://pubmed.ncbi.nlm.nih.gov/22965967/</a>
Burnett AK, Hills RK, Russell. Twenty five years of UK trials in acute myeloid leukaemia: What have we learned? <i>Br J Haematol</i> . 2020;188(1):86-100.	<a href="https://pubmed.ncbi.nlm.nih.gov/31828788/">https://pubmed.ncbi.nlm.nih.gov/31828788/</a>
Castaigne S, Pautas C, Terré C, et al. Effect of gemtuzumab ozogamicin on survival of adult patients with de-novo acute myeloid leukaemia (ALFA-0701): A randomised, open-label, phase 3 study. <i>Lancet</i> . 2012;379(9825):1508-1516.	<a href="https://pubmed.ncbi.nlm.nih.gov/22482940/">https://pubmed.ncbi.nlm.nih.gov/22482940/</a>
Cortes JE, Heidel FH, Hellmann A, et al. Randomized comparison of low dose cytarabine with or without glasdegib in patients with newly diagnosed acute myeloid leukemia or high-risk myelodysplastic syndrome. <i>Leukemia</i> . 2019;33(2):379-389.	<a href="https://pubmed.ncbi.nlm.nih.gov/30555165/">https://pubmed.ncbi.nlm.nih.gov/30555165/</a>
DiNardo CD, Jonas BA, Pullarkat V, et al. Azacitidine and venetoclax in previously untreated acute myeloid leukemia. <i>N Engl J Med</i> . 2020;383(7):617-629.	<a href="https://pubmed.ncbi.nlm.nih.gov/32786187/">https://pubmed.ncbi.nlm.nih.gov/32786187/</a>
DiNardo CD, Stein EM, de Botton S, et al. Durable remissions with ivosidenib in <i>IDH1</i> -mutated relapsed or refractory AML. <i>N Engl J Med</i> . 2018;378(25):2386-2398.	<a href="https://pubmed.ncbi.nlm.nih.gov/29860938/">https://pubmed.ncbi.nlm.nih.gov/29860938/</a>
Döhner H, Estey E, Grimwade D, et al. Diagnosis and management of AML in adults: 2017 ELN recommendations from an international expert panel. <i>Blood</i> . 2017;129(4):424-447.	<a href="https://pubmed.ncbi.nlm.nih.gov/27895058/">https://pubmed.ncbi.nlm.nih.gov/27895058/</a>
Gottesman MM. Mechanisms of cancer drug resistance. <i>Annu Rev Med</i> . 2002;53:615-627.	<a href="https://pubmed.ncbi.nlm.nih.gov/11818492/">https://pubmed.ncbi.nlm.nih.gov/11818492/</a>
Hills RK, Castaigne S, Appelbaum FR, et al. Addition of gemtuzumab ozogamicin to induction chemotherapy in adult patients with acute myeloid leukemia: A meta-analysis of individual patient data from randomised controlled trials. <i>Lancet Oncol</i> . 2014;15(9):986-996.	<a href="https://pubmed.ncbi.nlm.nih.gov/25008258/">https://pubmed.ncbi.nlm.nih.gov/25008258/</a>

<p>Irish W, Ryan M, Gache L, Gunnarsson C, Bell T, Shapiro M. Acute myeloid leukemia: A retrospective claims analysis of resource utilization and expenditures for newly diagnosed patients from first-line induction to remission and relapse. <i>Curr Med Res Opin.</i> 2017;33(3):519-527.</p>	<p><a href="https://pubmed.ncbi.nlm.nih.gov/27966377/">https://pubmed.ncbi.nlm.nih.gov/27966377/</a></p>
<p>Kang MH, Reynolds CP. Bcl-2 inhibitors: Targeting mitochondrial apoptotic pathways in cancer therapy. <i>Clin Cancer Res.</i> 2009;15(4):1126-1132.</p>	<p><a href="https://pubmed.ncbi.nlm.nih.gov/19228717/">https://pubmed.ncbi.nlm.nih.gov/19228717/</a></p>
<p>Lancet JE, Cortes JE, Hogge DE, et al. Phase 2 trial of CPX-351, a fixed 5:1 molar ratio of cytarabine/daunorubicin, vs cytarabine/daunorubicin in older adults with untreated AML. <i>Blood.</i> 2014;123(21):3239-3246.</p>	<p><a href="https://pubmed.ncbi.nlm.nih.gov/24687088/">https://pubmed.ncbi.nlm.nih.gov/24687088/</a></p>
<p>Lancet JE, Uy GL, Cortes JE, et al. CPX-351 (cytarabine and daunorubicin) liposome for injection versus conventional cytarabine plus daunorubicin in older patients with newly diagnosed secondary acute myeloid leukemia. <i>J Clin Oncol.</i> 2018;36(26):2684-2692.</p>	<p><a href="https://pubmed.ncbi.nlm.nih.gov/30024784/">https://pubmed.ncbi.nlm.nih.gov/30024784/</a></p>
<p>Levis M. Targeting IDH: The next big thing in AML. <i>Blood.</i> 2013;122(16):2770-2771.</p>	<p><a href="https://pubmed.ncbi.nlm.nih.gov/24136078/">https://pubmed.ncbi.nlm.nih.gov/24136078/</a></p>
<p>Mayer LD, Harasym TO, Tardi PG, et al. Ratiometric dosing of anticancer drug combinations: Controlling drug ratios after systemic administration regulates therapeutic activity in tumor-bearing mice. <i>Mol Cancer Ther.</i> 2006;5(7):1854-1863.</p>	<p><a href="https://pubmed.ncbi.nlm.nih.gov/16891472/">https://pubmed.ncbi.nlm.nih.gov/16891472/</a></p>
<p>Mayer RJ, Davis RB, Schiffer CA, et al. Intensive postremission chemotherapy in adults with acute myeloid leukemia. Cancer and Leukemia Group B. <i>N Engl J Med.</i> 1994;331(14):869-903.</p>	<p><a href="https://pubmed.ncbi.nlm.nih.gov/8078551/">https://pubmed.ncbi.nlm.nih.gov/8078551/</a></p>
<p>O'Donnell MR, Tallmann MS, Abboud CN, et al. Acute myeloid leukemia, Version 3.2017, NCCN Clinical Practice Guidelines in Oncology. <i>J Natl Compr Canc Netw.</i> 2017;15(7):926-957.</p>	<p><a href="https://pubmed.ncbi.nlm.nih.gov/28687581/">https://pubmed.ncbi.nlm.nih.gov/28687581/</a></p>
<p>Pemmaraju N, Kantarjian H, Ravandi F, Cortes J. FLT3 inhibitors in the treatment of acute myeloid leukemia: The start of an era? <i>Cancer.</i> 2011;117(15):3293-3304.</p>	<p><a href="https://pubmed.ncbi.nlm.nih.gov/21319142/">https://pubmed.ncbi.nlm.nih.gov/21319142/</a></p>
<p>Perl AE, Martinelli G, Cortes JE, et al. Gilteritinib or chemotherapy for relapsed or refractory FLT3-mutated AML. <i>N Engl J Med.</i> 2019;381(18):1728-1740.</p>	<p><a href="https://pubmed.ncbi.nlm.nih.gov/31665578/">https://pubmed.ncbi.nlm.nih.gov/31665578/</a></p>

Redaelli A, Botteman MF, Stephens JM, Brandt S, Pashos CL. Economic burden of acute myeloid leukemia: A literature review. <i>Cancer Treat Rev.</i> 2004;30(3):237-247.	<a href="https://pubmed.ncbi.nlm.nih.gov/15059647/">https://pubmed.ncbi.nlm.nih.gov/15059647/</a>
Roboz GJ, DiNardo CD, Stein EM, et al. Ivosidenib induces deep durable remissions in patients with newly diagnosed <i>IDH1</i> -mutant acute myeloid leukemia. <i>Blood.</i> 2020;135(7):463-471.	<a href="https://pubmed.ncbi.nlm.nih.gov/31841594/">https://pubmed.ncbi.nlm.nih.gov/31841594/</a>
Roboz GJ, Montesinos P, Selleslag D, et al. Design of the randomized, phase III, QUAZAR AML maintenance trial of CC-486 (oral azacitidine) maintenance therapy in acute myeloid leukemia. <i>Future Oncol.</i> 2016;12(3):293-302.	<a href="https://pubmed.ncbi.nlm.nih.gov/26785287/">https://pubmed.ncbi.nlm.nih.gov/26785287/</a>
Savona MR, Kolibaba K, Conkling P, et al. Extended dosing with CC-486 (oral azacitidine) in patients with myeloid malignancies. <i>Am J Hematol.</i> 2018;93(10):1199-1206.	<a href="https://pubmed.ncbi.nlm.nih.gov/30016552/">https://pubmed.ncbi.nlm.nih.gov/30016552/</a>
Stein EM, DiNardo CD, Pollyea DA, et al. Enasidenib in mutant <i>IDH2</i> relapsed or refractory acute myeloid leukemia. <i>Blood.</i> 2017;130(6):722-731.	<a href="https://pubmed.ncbi.nlm.nih.gov/28588020/">https://pubmed.ncbi.nlm.nih.gov/28588020/</a>
Stone RM, Mandrekar SJ, Sanford BL, et al. Midostaurin plus chemotherapy for acute myeloid leukemia with a <i>FLT3</i> mutation. <i>N Engl J Med.</i> 2017;377(5):454-464.	<a href="https://pubmed.ncbi.nlm.nih.gov/28644114/">https://pubmed.ncbi.nlm.nih.gov/28644114/</a>
Wei AH, Döhner H, Pocock C, et al. Oral azacitidine maintenance therapy for acute myeloid leukemia in first remission. <i>N Engl J Med.</i> 2020;383(26):2526-2537.	<a href="https://pubmed.ncbi.nlm.nih.gov/33369355/">https://pubmed.ncbi.nlm.nih.gov/33369355/</a>

### Chronic Lymphocytic Leukemia

Resource	Address
Al-Sawaf O, Zhang C, Tandon M, et al. Venetoclax plus obinutuzumab versus chlorambucil plus obinutuzumab for previously untreated chronic lymphocytic leukaemia (CLL14): Follow-up results from a multicenter, open-label, randomised, phase 3 trial. <i>Lancet Oncol.</i> 2020;21(9):1188-1200.	<a href="https://pubmed.ncbi.nlm.nih.gov/32888452/">https://pubmed.ncbi.nlm.nih.gov/32888452/</a>
Döhner H, Stilgenbauer S, Benner A, et al. Genomic aberrations and survival in chronic lymphocytic leukemia. <i>N Engl J Med.</i> 2000;343(26):1910-1916.	<a href="https://pubmed.ncbi.nlm.nih.gov/11136261/">https://pubmed.ncbi.nlm.nih.gov/11136261/</a>

<p>Eichhorst B, Niemann C, Kater AP, et al. A randomized phase III study of venetoclax-based time-limited combination treatments (R<sub>Ve</sub>, G<sub>Ve</sub>, G<sub>IVe</sub>) vs standard chemoimmunotherapy (CIT: FCR/BR) in frontline chronic lymphocytic leukemia (CLL) of fit patients: First co-primary endpoint analysis of the International Intergroup GAIA (CLL13) Trial. <i>Blood</i>. 2021;138(suppl 1):71.</p>	<p><a href="https://ashpublications.org/blood/article/138/Supplement%201/71/477548/A-Randomized-Phase-III-Study-of-Venetoclax-Based">https://ashpublications.org/blood/article/138/Supplement%201/71/477548/A-Randomized-Phase-III-Study-of-Venetoclax-Based</a></p>
<p>Fischer K, Al-Sawaf O, Bahlo J, et al. Venetoclax and obinutuzumab in patients with CLL and coexisting conditions. <i>N Engl J Med</i>. 2019;380(23):2225-2236.</p>	<p><a href="https://pubmed.ncbi.nlm.nih.gov/31166681/">https://pubmed.ncbi.nlm.nih.gov/31166681/</a></p>
<p>Hallek M, Cheson BD, Catovsky D, et al. Guidelines for the diagnosis and treatment of chronic lymphocytic leukemia: A report from the International Workshop on Chronic Lymphocytic Leukemia updating the National Cancer Institute-Working Group 1996 guidelines. <i>Blood</i>. 2008;111(12):5446-5456.</p>	<p><a href="https://pubmed.ncbi.nlm.nih.gov/18216293/">https://pubmed.ncbi.nlm.nih.gov/18216293/</a></p>
<p>Hamblin TJ, Davis Z, Gardiner A, Oscier DG, Stevenson FK. Unmutated Ig V(H) genes are associated with a more aggressive form of chronic lymphocytic leukemia. <i>Blood</i>. 1999;94(6):1848-1854.</p>	<p><a href="https://pubmed.ncbi.nlm.nih.gov/10477713/">https://pubmed.ncbi.nlm.nih.gov/10477713/</a></p>
<p>Jones JA, Mato AR, Wierda WG, et al. Venetoclax for chronic lymphocytic leukaemia progressing after ibrutinib: An interim analysis of a multicenter, open-label, phase 2 trial. <i>Lancet Oncol</i>. 2018;19(1):65-75.</p>	<p><a href="https://pubmed.ncbi.nlm.nih.gov/29246803/">https://pubmed.ncbi.nlm.nih.gov/29246803/</a></p>
<p>Kater AP, Wu JQ, Kipps T, et al. Venetoclax plus rituximab in relapsed chronic lymphocytic leukemia: 4-year results and evaluation of impact of genomic complexity and gene mutations from the MURANO phase III study. <i>J Clin Oncol</i>. 2020;38(34):4042-4054.</p>	<p><a href="https://pubmed.ncbi.nlm.nih.gov/32986498/">https://pubmed.ncbi.nlm.nih.gov/32986498/</a></p>
<p>Seymour JF, Kipps TJ, Eichhorst B, et al. Venetoclax-rituximab in relapsed or refractory chronic lymphocytic leukemia. <i>N Engl J Med</i>. 2018;378(12):1107-1120.</p>	<p><a href="https://pubmed.ncbi.nlm.nih.gov/29562156/">https://pubmed.ncbi.nlm.nih.gov/29562156/</a></p>