

UNDERSTANDING YOUR DIAGNOSIS: ACUTE MYELOID LEUKEMIA (AML)

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DISCLOSURES

Understanding Your Diagnosis: Acute Myeloid Leukemia (AML)

Eunice S. Wang, MD, has affiliations with AbbVie, Agios, Amgen, Astellas, Daiichi, Gilead, Jazz, Macrogenics, Pfizer, Stemline (*Consultant*); Astellas, Jazz, Novartis, Pfizer, Stemline (*Speakers Bureau*).



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Understanding Acute Myeloid Leukemia





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Understanding AML: 2020

- Diagnosis and Time to treatment
- Improving Venetoclax therapy
- Combination approaches
- New agents on the horizon

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AML Therapy: Many new drugs



Attributed to John Ozell's translation of a French play (1738); Translated in 1725 as <u>The Plague of Riches</u>

Definition: Generally used to describe an abundance of something, (typically positive) with the idea that there are so many of these good things that it's difficult to pick just one.

8 Drugs approved for AML in last 2 years Midostaurin, Enasidenib, CPX-351, Gemtuzumab Ivosidenib, Gilteritinib, Glasdegib, Venetoclax

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APR-246: New drug for p53 mutant AML					
	Treatment Duration (months) 7 8 9 10 11 12 13 14 15 16 17 18 → → → → → → → → → → → → → → → → → → →		17 18	MDS AML CMML/MDS-MPN CR CR mCR + HI mCR / MLFS HI SD NR / NE Ongoing Discontinued: Transplant Discontinued: AE Discontinued: Withdrawal / Refusal Discontinued: Other Progressive Disease Death	
		Overall	MDS	AML	MDS-MPN + CMML
	Evaluable patients, n	45	33	8	4
	Overall response rate, n (%)	39 (87)	29 (88)	7 (88)	3 (75)
	CR rate, n (%)	24 (53)	20 (61)	4 (50)	0 (0)
*	Duration of CR, months (median) [95% CI]	7.3 [5.8 – N.E.]	7.3 [5.8 – N.E.]	7.0 [3.3 – N.E.]	N.E.
	Discontinued for transplant, n (%)	22 (49)	17 (52)	4 (50)	1 (25)

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