

# Patterns of Care Survey for Acute Myeloid Leukemia (AML)

## Presentation discussed in this issue:

Research To Practice Patterns of Care Study, October 2009.

## Slides from a national Patterns of Care study

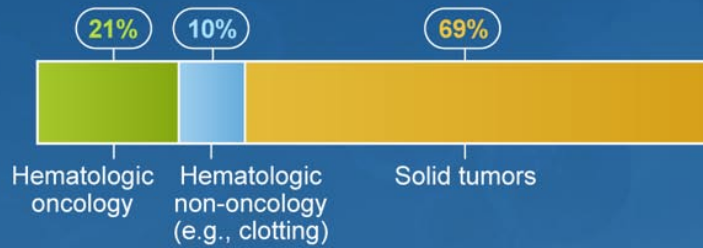
PATTERNS OF CARE | POC

## National Patterns of Care Study October 2009

100 Randomly Selected US-based Medical  
Oncologists in Practice

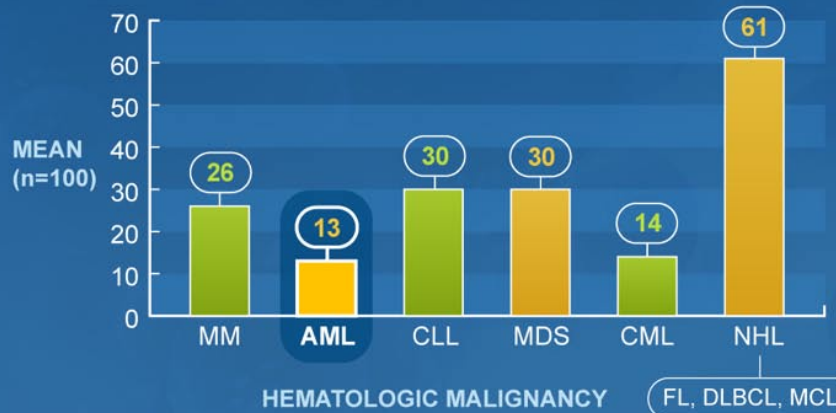
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Approximately what percentage of your practice involves treatment of solid tumors versus hematologic issues?

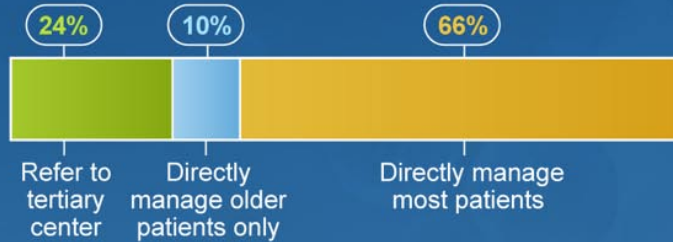


Source: National Patterns of Care study of 75 randomly selected US-based medical oncologists in practice, **October 2008**

In the past year, how many patients have you seen with...



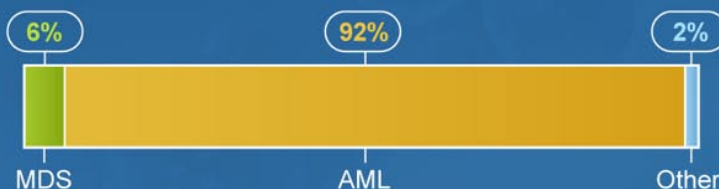
Do you generally directly manage patients with AML or refer them to a tertiary center?



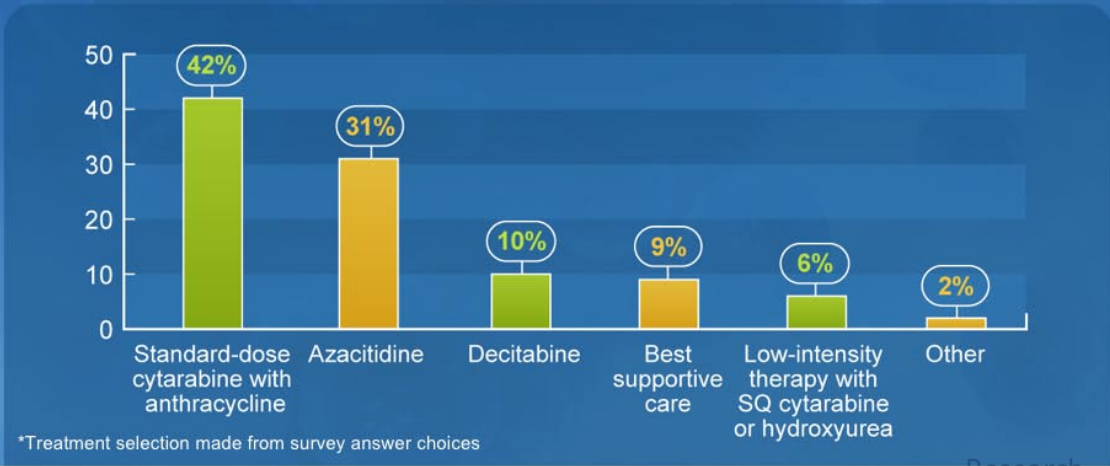
CASE 1

- 68-year-old woman
- Hgb 9.6 g/dL, WBC  $2.0 \times 10^3/\text{mm}^3$ , Platelets 160,000/ $\mu\text{L}$
- 32% blasts by flow cytometry
- Specimen insufficient for cytogenetics

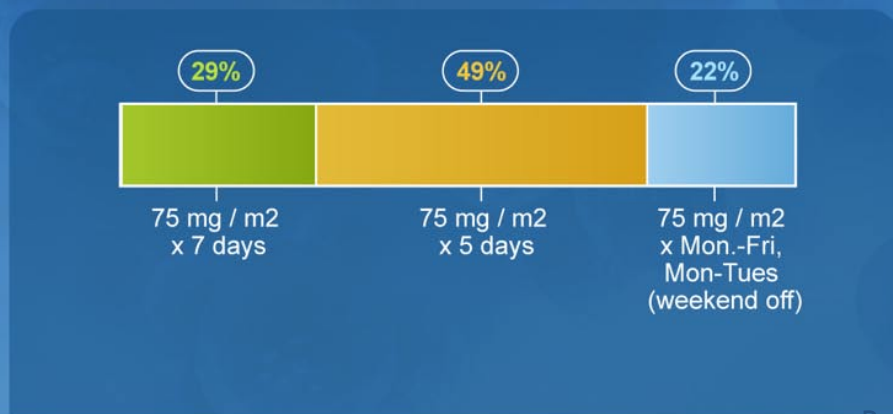
What is this patient's diagnosis?



**CASE 1**  
Which treatment\*, if any, would you recommend at this time?



**CASE 1**  
If the patient were treated with azacitidine, which initial dose and schedule would you recommend?



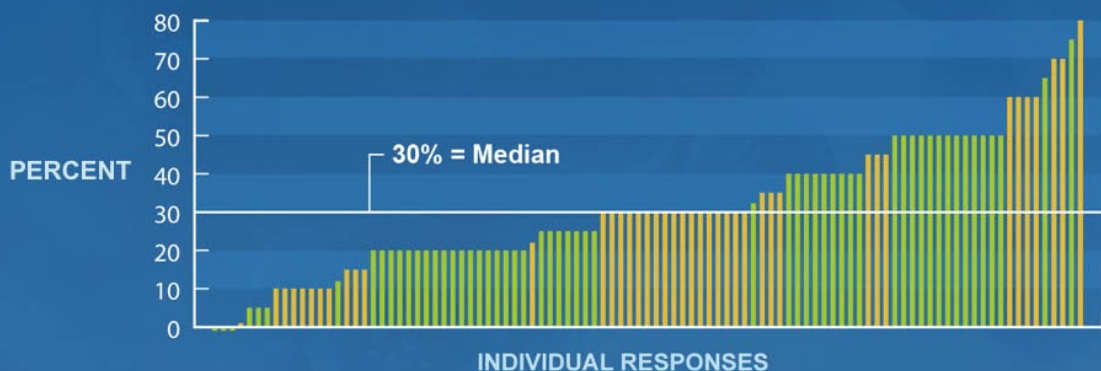


## CASE 2

- 59-year-old woman
- Hgb 8.5 g/dL, WBC  $1.7 \times 10^3/\text{mm}^3$ , Platelets  $30,000/\mu\text{L}$
- 60% blasts on bone marrow biopsy
- CD33 and CD34 positivity; normal chromosome analysis

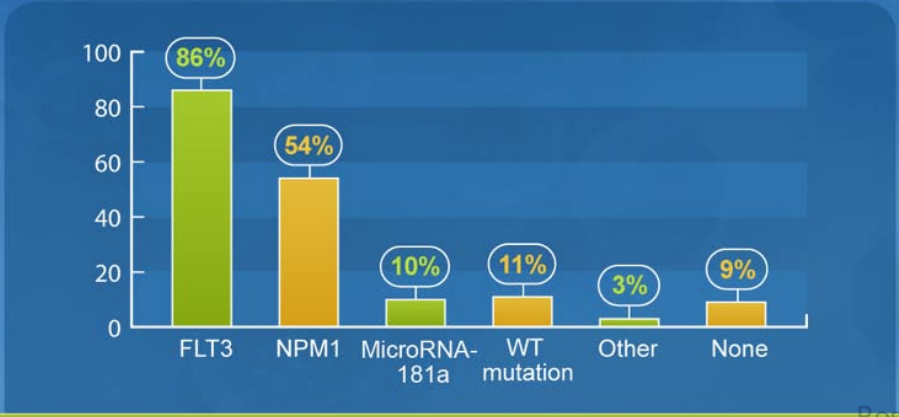
## CASE 2

**How would you respond if this patient asked you what her chance of cure was with conventional treatment?**



### CASE 2

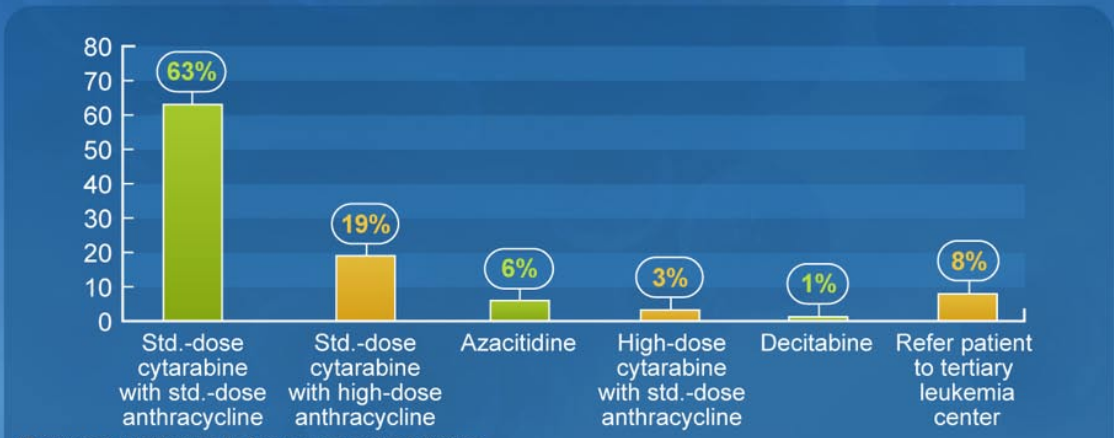
Which additional molecular studies, if any, would you recommend for a patient with AML and normal cytogenetics?



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### CASE 2

Which treatment\*, if any, would you recommend at this time?

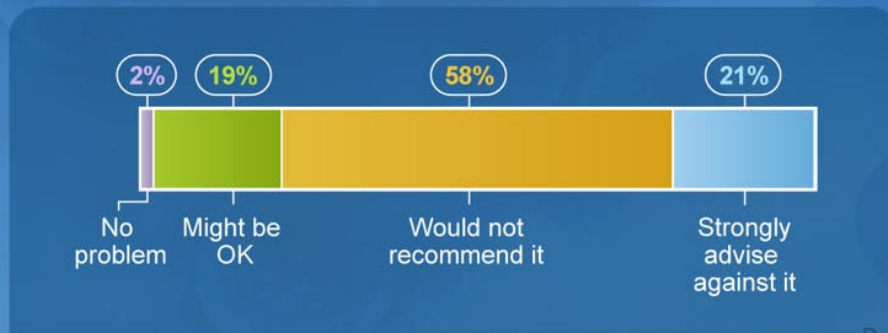


\*Treatment selection made from survey answer choices

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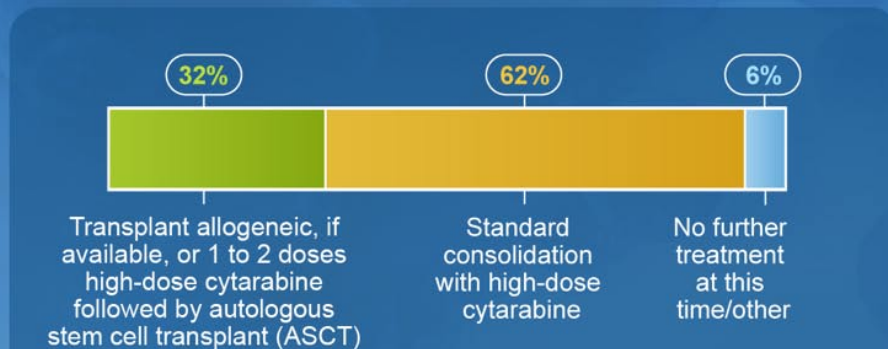
CASE 2

The patient would like to take an herbal supplement in addition to conventional treatment and asks your opinion. How would you respond?



CASE 2

Assume this patient received standard induction with 7 + 3 cytarabine and idarubicin and achieved remission. Which course of therapy\* would you recommend at this point?



\*Course of therapy selection made from survey answer choices



### CASE 3

- 81-year-old woman
- Generalized bruising and fever (100.4° F)
- CBC: Hgb 8.6 g/dL with MCV 112 fl, WBC  $4.8 \times 10^3/\text{mm}^3$
- Platelets 19,000/ $\mu\text{L}$
- 90% myeloblasts in the peripheral blood

### CASE 3

**Would you perform a confirmatory bone marrow biopsy on this patient?**





### CASE 3

## Which treatment\*, if any, would you recommend?

