



Advances in Acute Myelogenous Leukemia

Novel Perspectives on Molecular Pathogenesis
and Clinical Applications



Online Case Submission

- 23-year-old female
- Presented with sore throat and leukocytosis
- AML M5
- t(6;11)
- Performance status = 0

Question for panel:

What would your initial approach and how would you consolidate?

Online Case Submission

- 53-year-old male
- Therapy-related AML
- AML M1
- No sibling match
- Trisomy 8; t(1;3)
- Performance status = 0

Question for panel:

What is the best induction, consolidation, and type of transplant for this patient?

Online Case Submission

- 75-year-old male
- AML M4
- Cytogenetics are normal
- Performance status = 1
- Achieved a CR after induction with 7 + 3
- Negative for *NPM1* and *FLT3* mutations

Question for panel:

What would be your choice for post-remission therapy?

Online Case Submission

- 63-year-old female
- AML M7
- Performance status = 1
- Multiple cytogenetic abnormalities
- Fatigue, anorexia, mucosal bleeding
- Extreme thrombocytopenia

Question for panel:

What would your initial approach be for this patient?

Online Case Submission

- 45-year-old Caucasian male
- AML M4
- Performance status = 0
- *FLT3+* and *NPM-*
- Achieved a CR after induction with idarubicin/cladribine/cytarabine
- No matched sibling

Question for panel:

What further treatment do you recommend?

Online Case Submission

- 60-year-old female
- AML M2
- Performance status = 0
- Normal cytogenetics
- Negative for *NPM1* or *FLT3-ITD*
- Patient very concerned about transplant risks

Question for panel:

Recommendations: HDAC consolidation vs allogeneic HSCT?



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