

WELCOMING REMARKS
THE FUTURE OF AML TREATMENT: WHAT'S NEXT?



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THE FUTURE OF AML TREATMENT: WHAT'S NEXT?



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# The Future of AML Treatment: What's Next?

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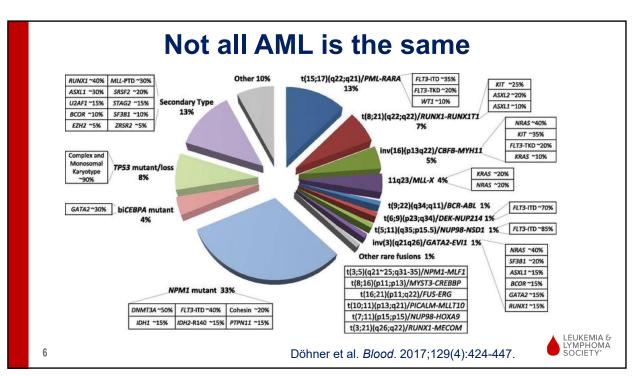


#### **Disclosures**

- Served in a consulting or advisory role for Bristol Myers Squibb, Curio Science, Gilead Sciences Inc, Kura Oncology, Servier Pharmaceuticals, and Rigel
- Served on a steering committee for Servier Pharmaceuticals

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### Not every person is the same

#### Increasing age decreasing tolerance

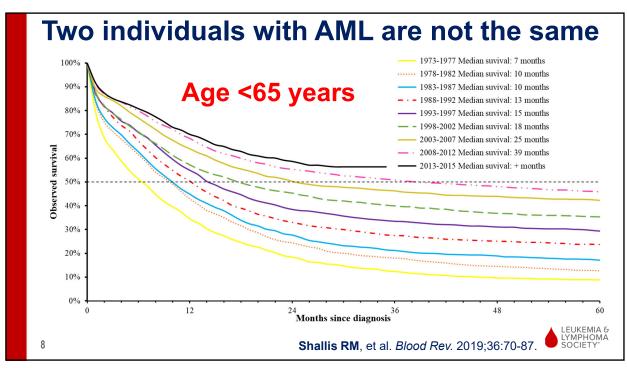
- ↓ marrow stem cell or "parent" cell reserve
- ↑ chance of having other medical issues
- ↓ chemotherapy clearance

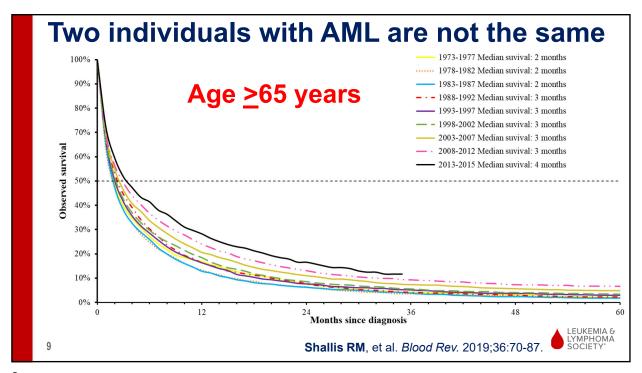
#### Increasing age increasingly harder to treat AML

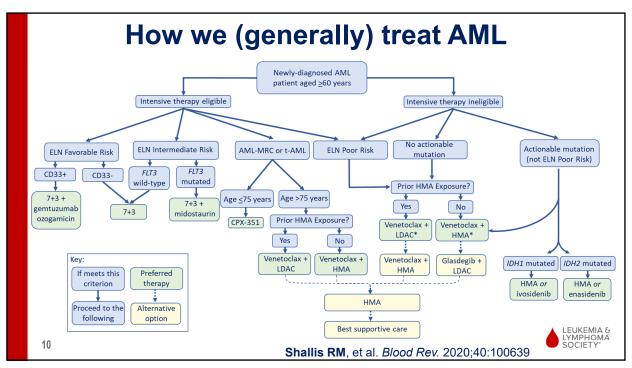
- ↑ chance of more stubborn AML biology
- ↑ chance of other blood disease before the AML
- ↑ expression of drug resistance proteins



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### Intensive therapy: one slug, one evaluation

Low blood counts 

 infection (30-50%),
 transfusion-dependence

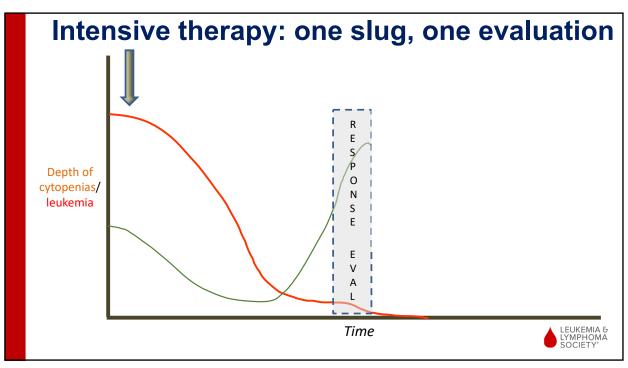
- Organ strain and injury
- "Early" mortality 10-20%
- Prolonged admission
- Await count recovery, typically ~4 weeks before committing to response marrow

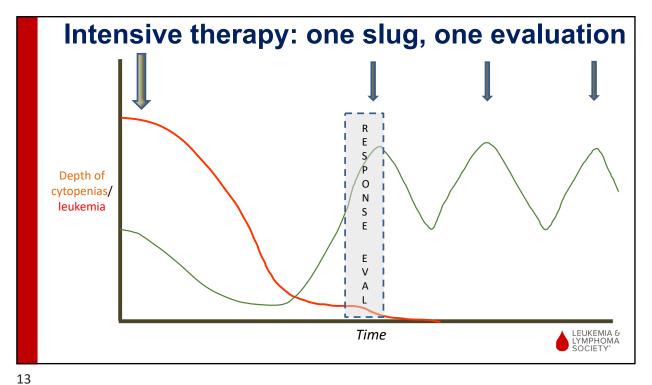


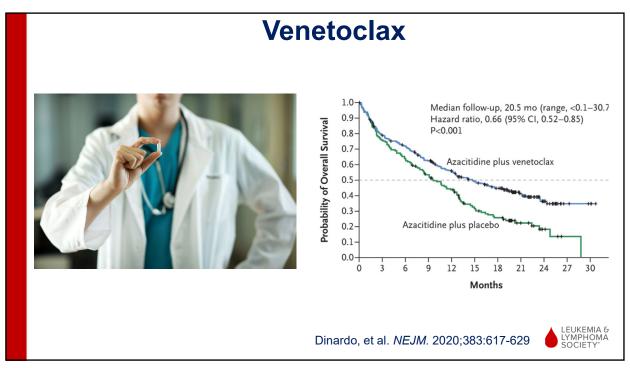
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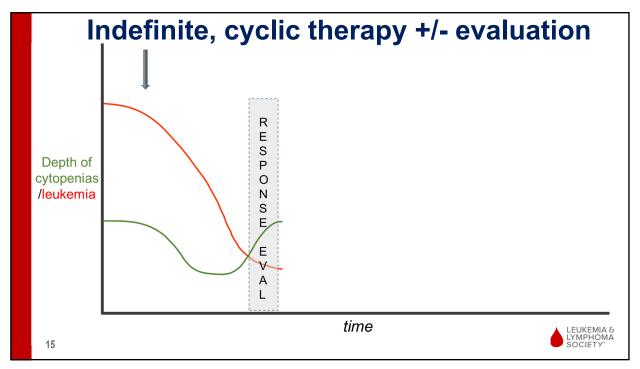
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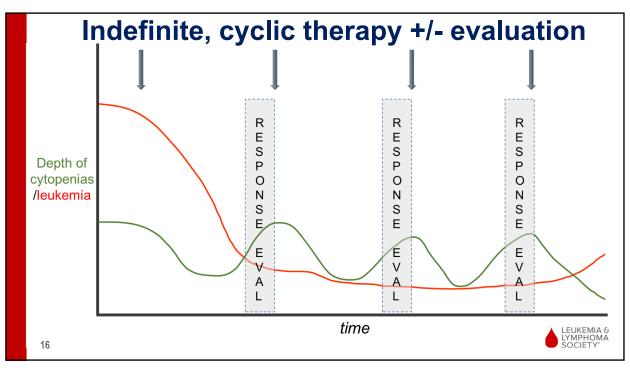
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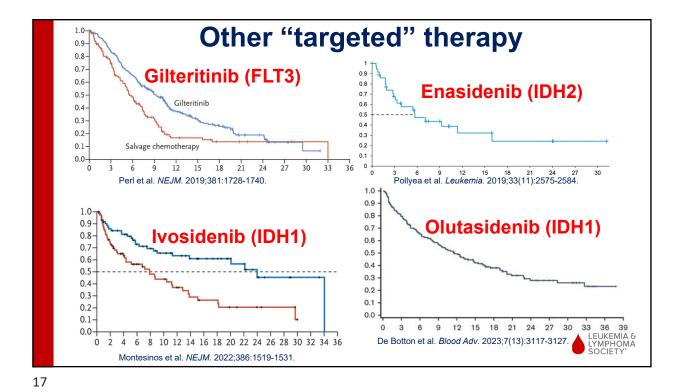


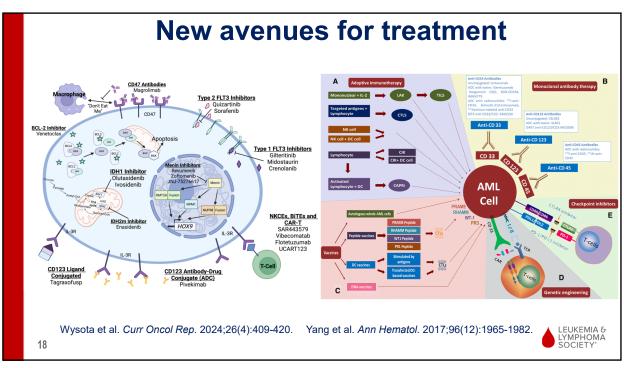


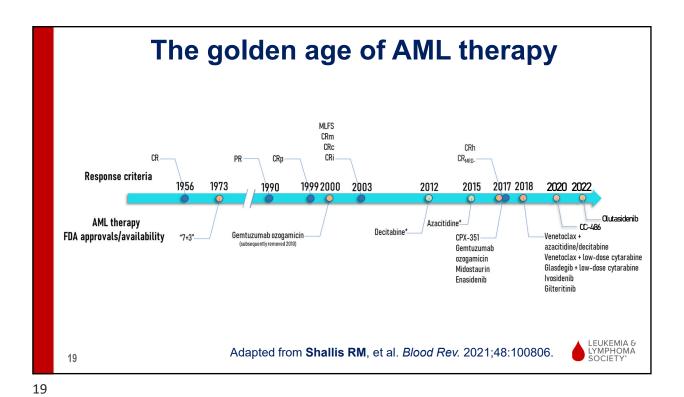












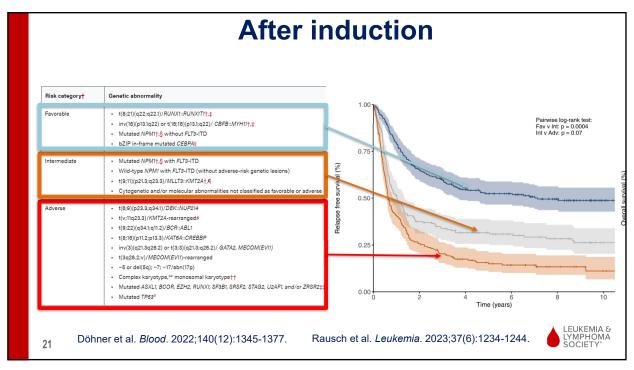
### Clinical trials/research

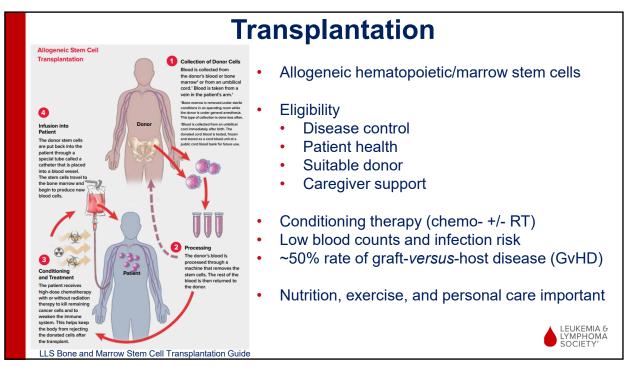
- Why consider?
- Am I eligible? Start the conversation!
- Informed consent
- · Commonly asked questions
  - What if I get placebo?
  - What are the costs?
  - What if I want to stop?



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#### You're not alone: Meet your care team

- Hematologist/hematologic oncologist +/- transplant specialist
- APRN, Physician Assistant
- Oncology nurse(s)
- Oncology pharmacist(s)
- Palliative Care team members
- Nutritionist/dietician
- Social worker
- Physical/occupational therapist
- Psychologist/psychiatrist
- Spiritual care specialist
- Research team members

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### Side effects and how they're addressed

- Biochemical abnormalities (e.g. electrolytes)
- Low blood counts
  - Infections
  - Bleeding
  - Transfusions

- Close monitoring of blood work

- Transfusions as needed
- Antibiotic "prophylaxis"
- Myeloid growth factor
- $_{\overline{24}}$  Regular engagement with your care team





#### Side effects and how they're addressed

- Biochemical abnormalities (e.g. electrolytes)
- Low blood counts
  - Infections
  - Bleeding
  - Transfusions
- Nausea

#### Prevention is the goal!



- Can be used in combination, staggered fashion

- Palliative Care an extra layer of support



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### Side effects and how they're addressed

- Biochemical abnormalities (e.g. electrolytes)
- Low blood counts
  - Infections
  - Bleeding
  - Transfusions
- Nausea
- Hair thinning/loss

Usually grows back after treatment ends; may be different

- Consider a short hair cut

- Save a lock of hair to match a wig should you choose



#### Side effects and how they're addressed

- Biochemical abnormalities (e.g. electrolytes)
- Low blood counts
  - Infections
  - Bleeding
  - Transfusions
- Nausea
- Hair thinning/loss
- Emotional distress



- Do not isolate yourself; connect with others

**Palliative Care an extra layer of support** 





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### Side effects and how they're addressed

- Biochemical abnormalities (e.g. electrolytes)
- Low blood counts
  - Infections
  - Bleeding
  - Transfusions
- Nausea
- Hair thinning/loss
- Emotional distress
- Fatigue and loss of appetite
- Talk with your team can sometimes find physical reasons
- Addressing inactivity, sleep habits, stress, pain, nutrition
- -28 Medications available, but not often the right "fix"



### You need to tell your team about...

- Fever
- Distress (e.g. emotional, symptom, sleep)

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### You need to tell your team about...

- Fever
- Distress (e.g. emotional, symptom, sleep)
- Anything that is going into your body + not known to your team
  - Turmeric
  - Green tea extract
  - Ginkgo biloba

#### **Bring a list!**

- St. John's Wort
- Antioxidants, supplements, herbal products
- Anything and everything else...



### You need to tell your team about...

- Fever
- Distress (e.g. emotional, symptom, sleep)
- Anything that is going into your body + not known to your team
  - Turmeric
  - Green tea extract
  - Ginkgo biloba
  - St. John's Wort
  - Antioxidants, supplements, herbal products
  - Anything and everything else...Bring a notebook or another set of ears!
- Anything you do not understand

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### The honest questions

- Second opinion(s)
- "What happens if I do nothing?"
- "What haven't I asked?"





### Survivorship

- Patients are cancer survivors from time of diagnosis until death
- Late and sometimes long-term effects Psychosocial aspects of care
- Getting plugged back into "regular" medical care
  - Preventative care
  - Other cancer screening



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#### **THANK YOU**



## ASK A QUESTION THE FUTURE OF AML TREATMENT: WHAT'S NEXT?

Ask a question by phone:

Press star (\*) then the number 1 on your keypad.

Ask a question by web:

Click "Ask a question" Type your question Click "Submit"

Due to time constraints, we can only take one question per person. Once you've asked your question, the operator will transfer you back into the audience line.



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#### LLS EDUCATION & SUPPORT RESOURCES



#### **HOW TO CONTACT US:**

To contact an **Information Specialist** about disease, treatment and support information, resources and clinical trials: <a href="https://www.LLS.org/InformationSpecialists">www.LLS.org/InformationSpecialists</a>

Call: (800) 955-4572

Monday to Friday, 9 a.m. to 9 p.m. ET

Chat live online: www.LLS.org/InformationSpecialists
Monday to Friday, 10 a.m. to 7 p.m. ET

Email: www.LLS.org/ContactUs

All email messages are answered within one business day.

#### CLINICAL TRIAL SUPPORT CENTER

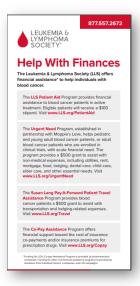
Work one-on-one with an LLS Clinical Trial Nurse Navigator who will help you find clinical trials and personally assist you throughout the entire clinical-trial process.

www.LLS.org/Navigation



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The Leukemia & Lymphoma Society (LLS) offers the following financial assistance programs to help individuals with blood cancers: <a href="https://www.LLS.org/Finances">www.LLS.org/Finances</a>



To order free materials: www.LLS.org/Booklets



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#### LLS EDUCATION & SUPPORT RESOURCES



#### Online Chats

Online Chats are free, live sessions, moderated by oncology social workers. To register for one of the chats below, or for more information, please visit <a href="www.LLS.org/Chat">www.LLS.org/Chat</a>



#### **Education Videos**

View our free education videos on disease, treatment, and survivorship. To view all patient videos, please visit <a href="https://www.LLS.org/EducationVideos">www.LLS.org/EducationVideos</a>



#### **Patient Podcast**

The Bloodline with LLS is here to remind you that after a diagnosis comes hope. To listen to an episode, please visit <a href="www.TheBloodline.org">www.TheBloodline.org</a>



