

# HIGHLIGHTS IN THERAPY: MULTIPLE MYELOMA

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> WELCOMING REMARKS HIGHLIGHTS IN THERAPY: MULTIPLE MYELOMA



Lizette Figueroa-Rivera, MA Senior Director, Education & Support

The Leukemia & Lymphoma Society Rye Brook, NY



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# PRESENTATION

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## DISCLOSURES HIGHLIGHTS IN THERAPY: MULTIPLE MYELOMA

## Andrew J. Cowan, MD

**Research Funding:** AbbVie, Adaptive Biotechnologies, BMS, Harpoon, IGM Biosciences, Janssen, Nektar, Regeneron, Sanofi

Consultancy, advisory board, or steering committee: AbbVie, Adaptive Biotechnologies, BMS, Sanofi, Janssen



# **HIGHLIGHTS IN THERAPY - OVERVIEW**

- 1. Introduction
- 2. Understanding Multiple Myeloma
- 3. Current Treatments for Multiple Myeloma
- 4. Emerging Approved Immunotherapies
- 5. Managing Side Effects
- 6. Quality-of-Life Considerations
- 7. Patient and Caregiver Resources
- 8. Conclusion

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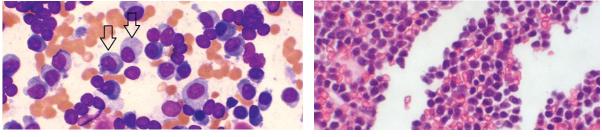
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# WHAT IS MULTIPLE MYELOMA?

## Plasma cell neoplasm

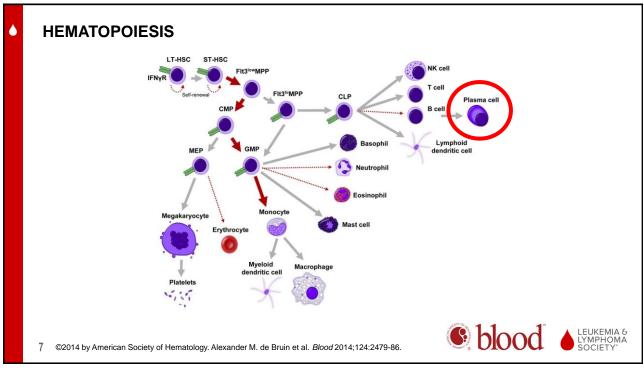
- Characterized by malignant plasma cells infiltrating the bone marrow, and sometimes other organs and tissues
- Symptoms depend on tumor burden and complications by plasma cell clones
- The clones produce monoclonal immunoglobulin, cytokines, and other factors that interfere with bone metabolism, kidney function, hematopoiesis, immune mechanisms, and other organ systems



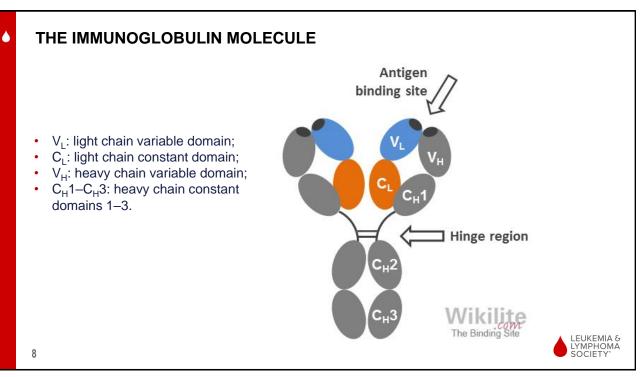
6 Eslick R, Talaulikar D. Multiple myeloma: from diagnosis to treatment. Aust Fam Physician. 2013 Oct;42(10):684-8.

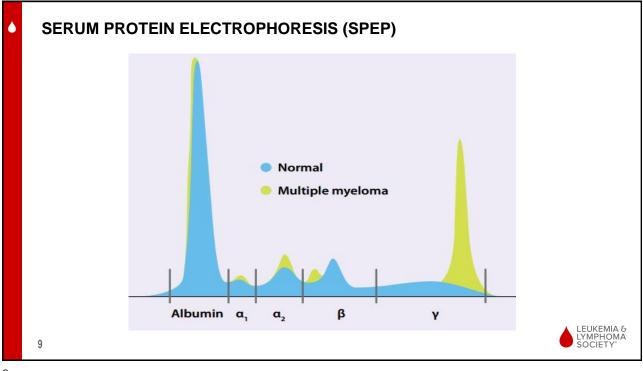


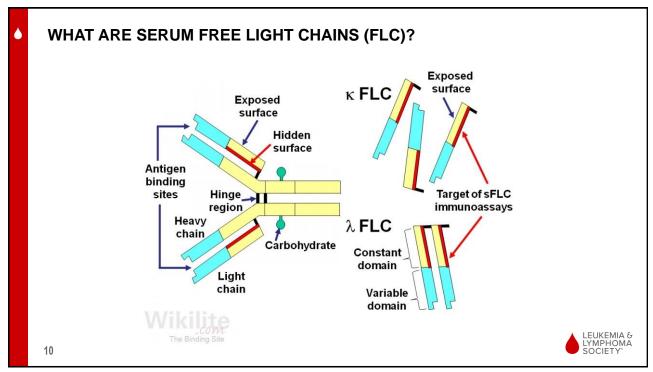
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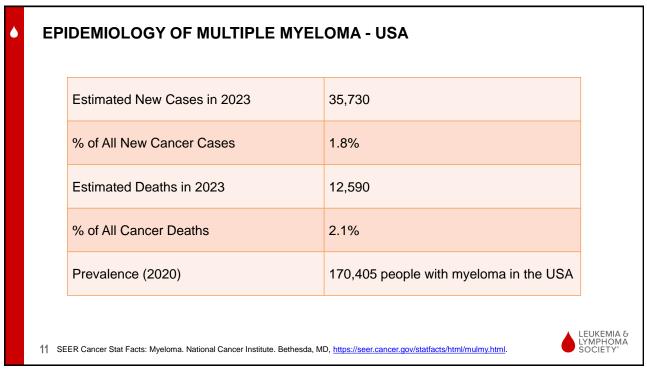


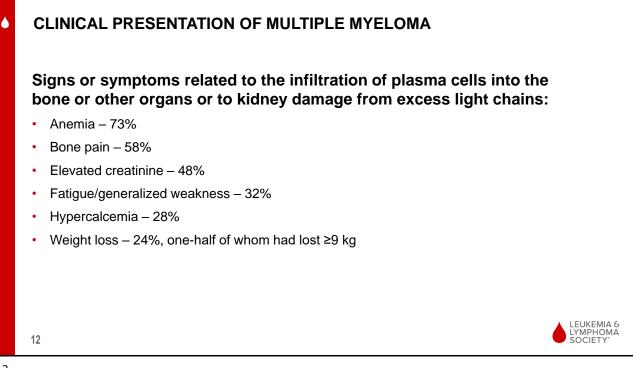


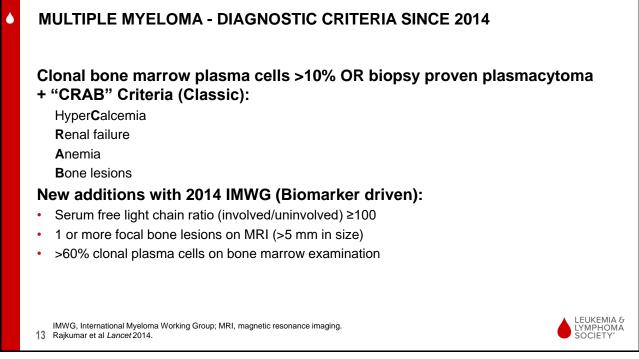




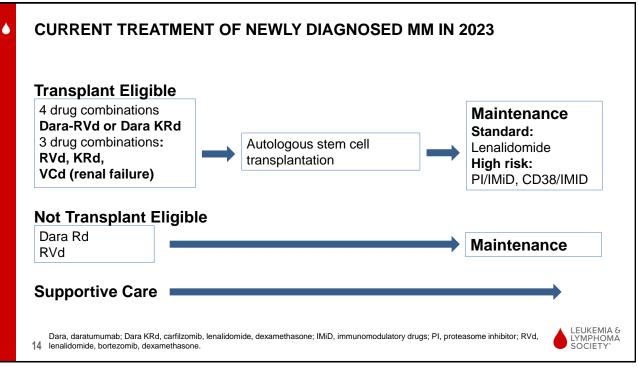


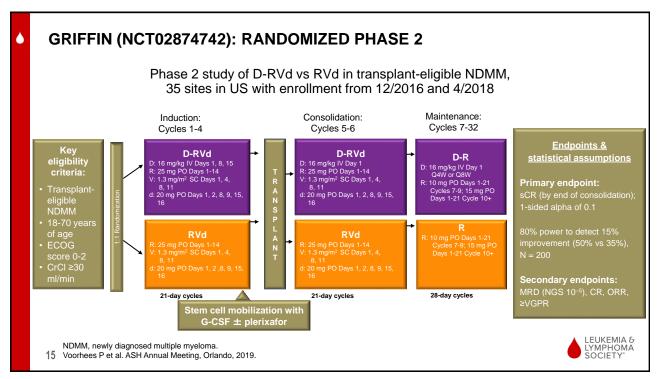




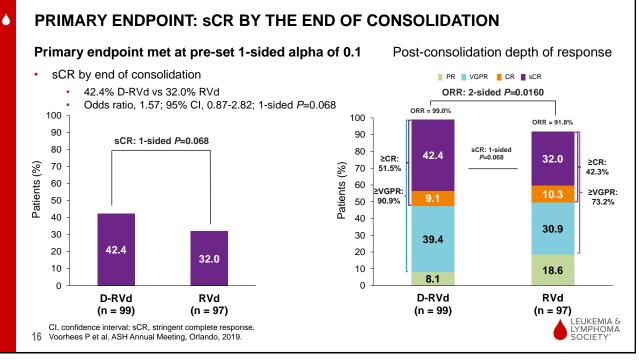


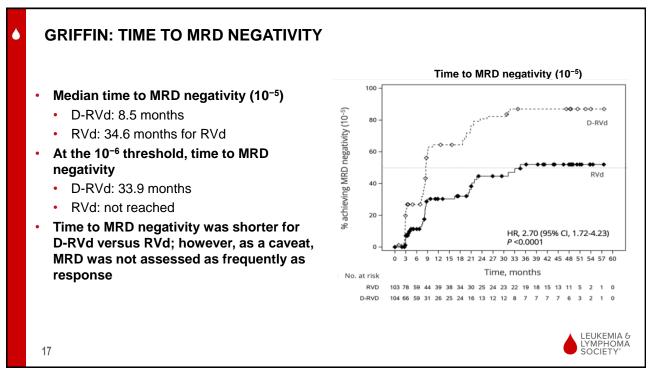


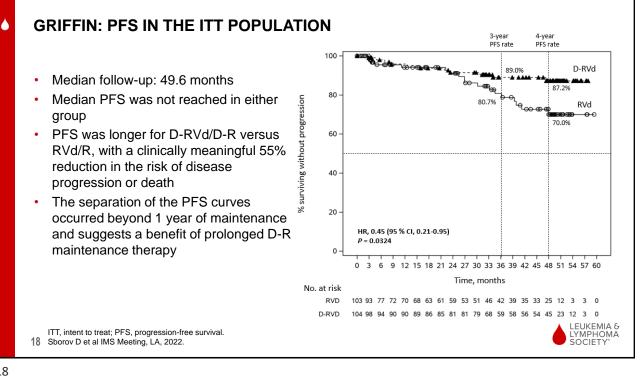


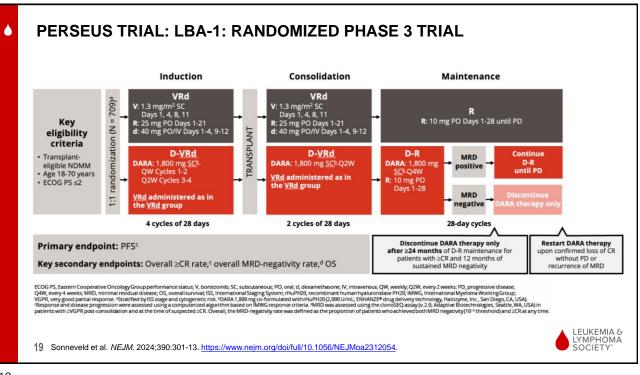




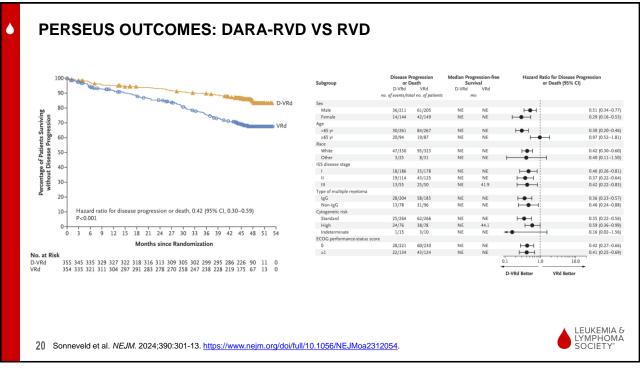


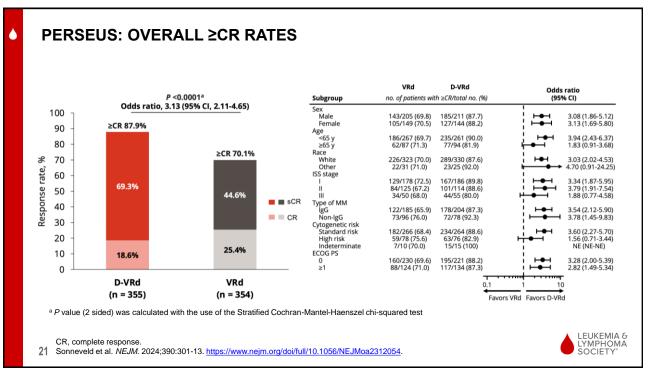






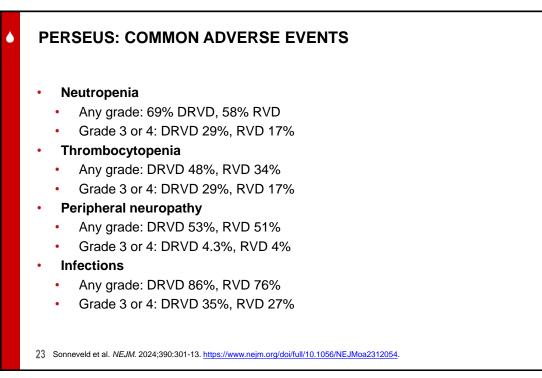




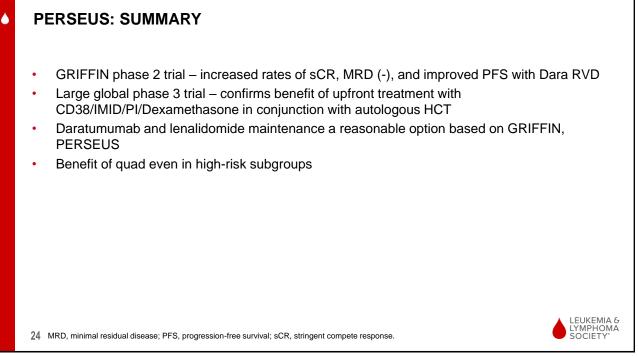


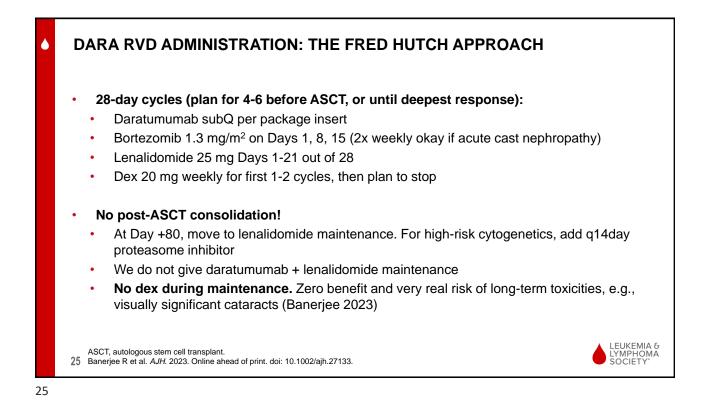
Variable	D-VRd (N = 355)	VRd (N = 354)	P Value <sup>⊕</sup>
Tumor response†			
Overall response — no. (% [95% CI])	343 (96.6 [94.2-98.2])	332 (93.8 [90.7–96.1])	_
Response — no. (%)			
Stringent complete response	246 (69.3)	158 (44.6)	_
Complete response	66 (18.6)	90 (25.4)	_
Very good partial response	26 (7.3)	68 (19.2)	_
Partial response	5 (1.4)	16 (4.5)	_
Complete response or better — no. (%)	312 (87.9)	248 (70.1)	<0.001
Very good partial response or better — no. (%)	338 (95.2)	316 (89.3)	_
Stable disease — no. (%)	4 (1.1)	9 (2.5)	_
Progressive disease — no. (%)	2 (0.6)	1 (0.3)	_
Response could not be evaluated — no. (%)	6 (1.7)	12 (3.4)	_
MRD status:			
MRD-negative status — no. (%)			
10-3 sensitivity threshold	267 (75.2)	168 (47.5)	<0.001
10 <sup>-6</sup> sensitivity threshold	231 (65.1)	114 (32.2)	_
Sustained MRD-negative status, assessed at 10-3 sensitivity threshold, for ≥12 mo — no. (%)	230 (64.8)	105 (29.7)	_

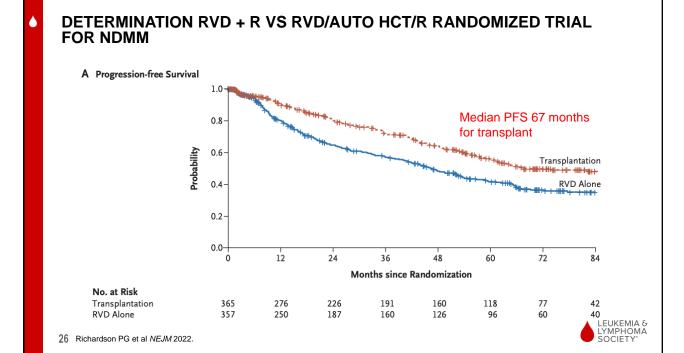
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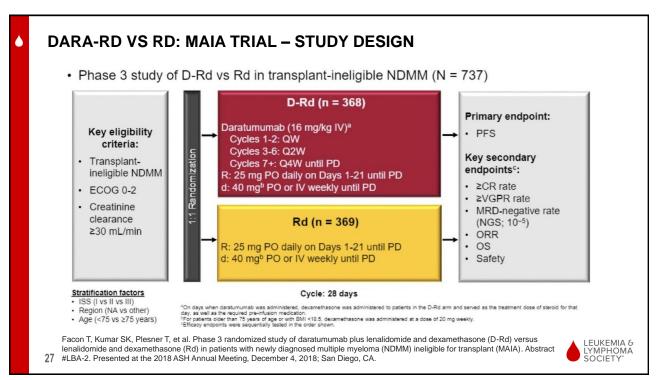




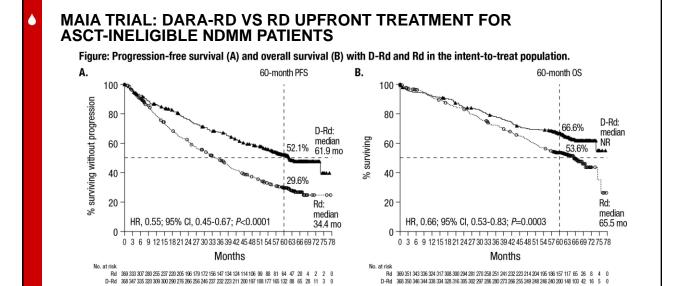


LEUKEMIA & LYMPHOMA

SOCIETY

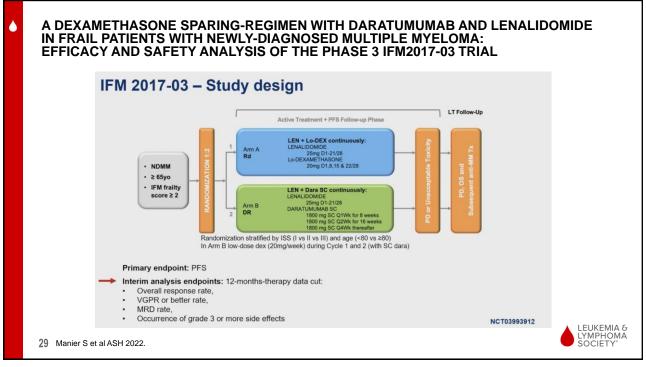




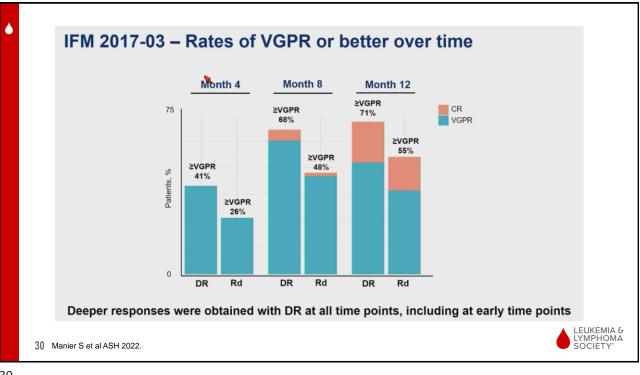


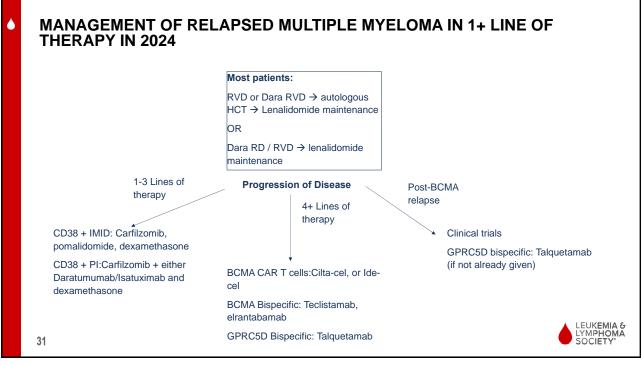
D-Rd, daratumumab plus lenalidomide/dexamethasone; Rd, lenalidomide/dexamethasone; PFS, progression-free survival; HR, hazard ratio; Cl, confidence interval; OS, overall survival; NR, not reached,

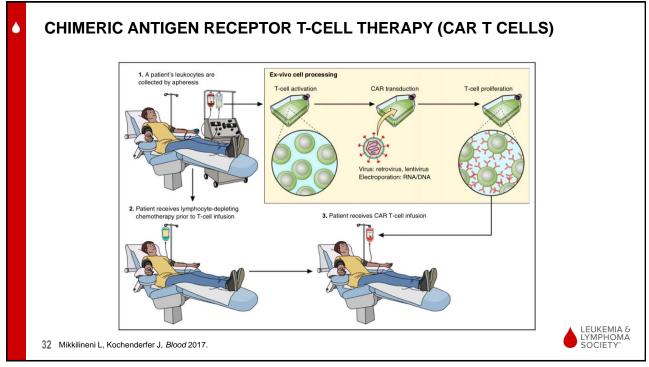
ASCT, autologous stem-cell transplant. 28 Kumar S et al ASH 2022

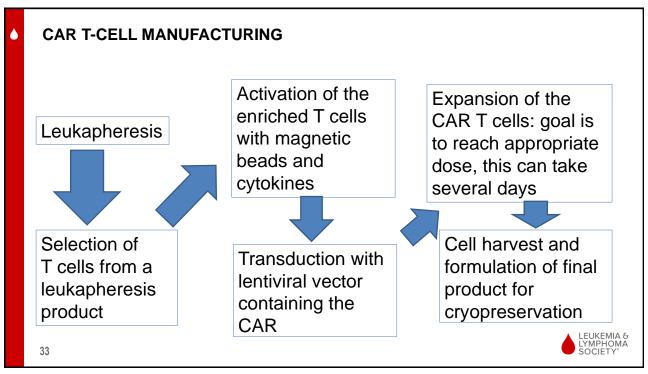


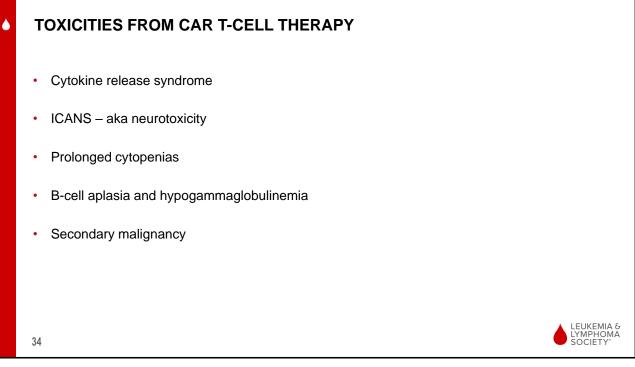


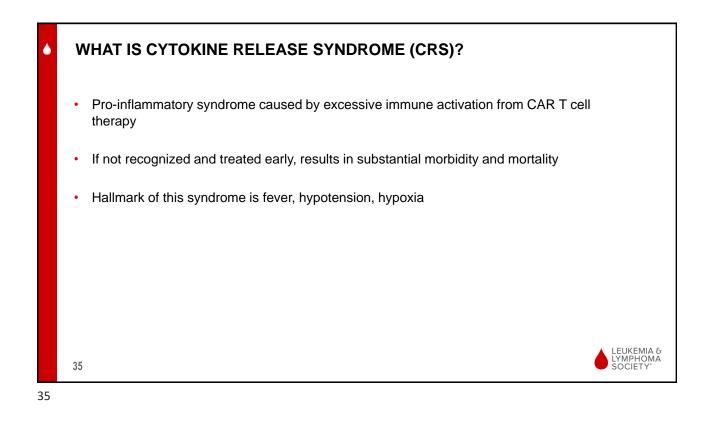


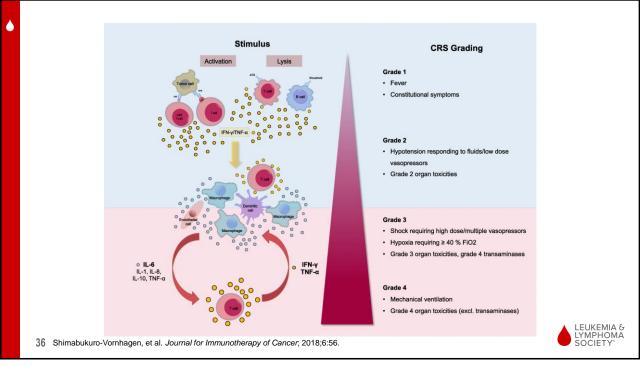


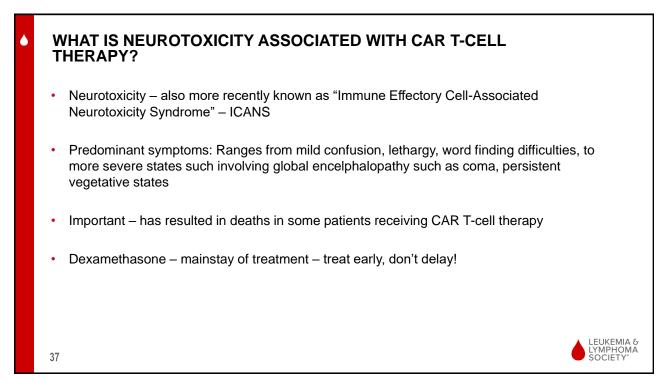


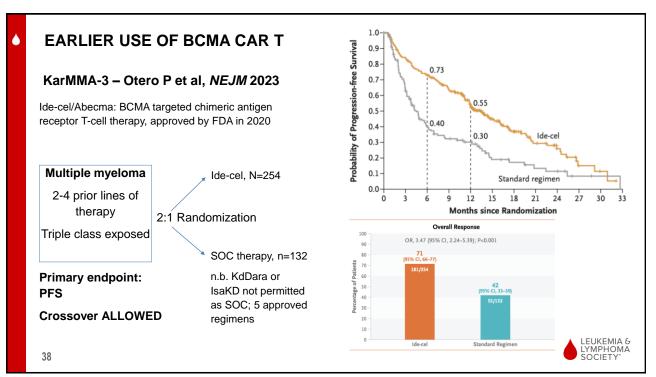


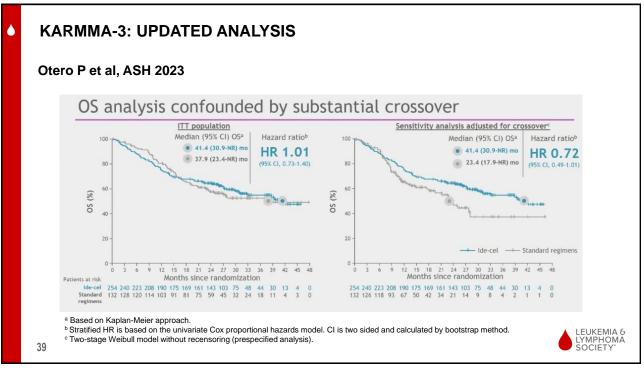




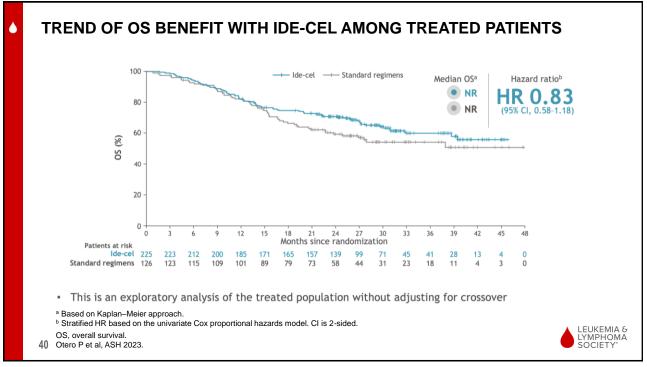


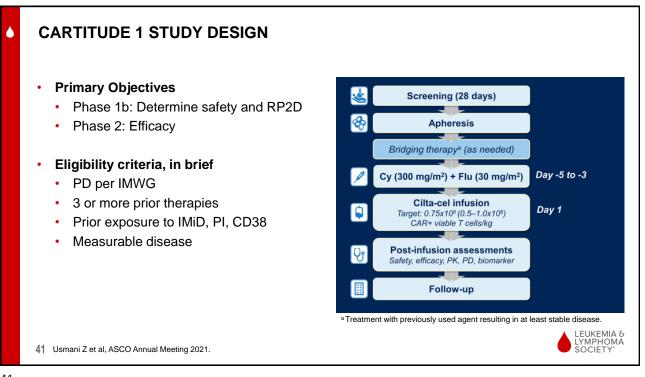


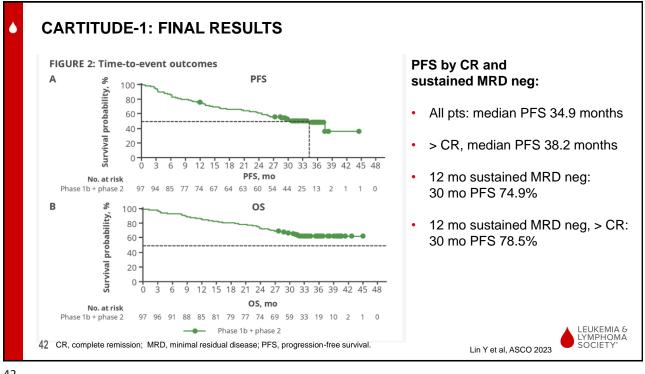


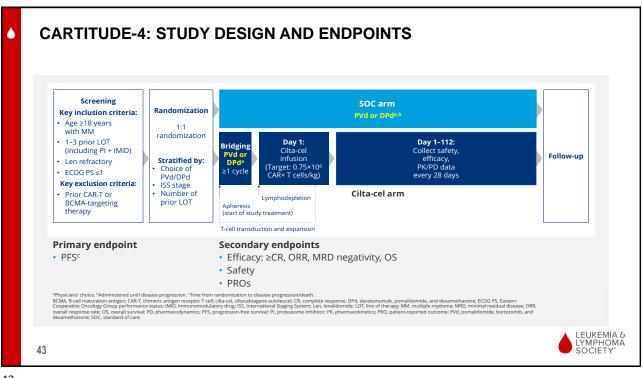




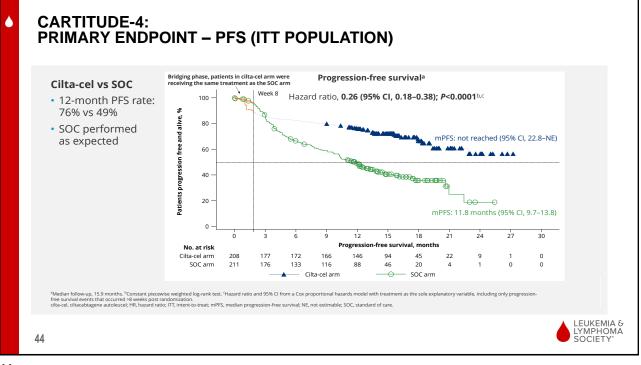












BSABS FOR MM: APPROVED AND IN DEVELOPMENT									
BCMAxCD3									
Agent name	ORR	<u>MRD (-)**</u>	PFS	CRS	Infections	<b>Hospitalization</b>			
Teclistamab1*	63%	26.7%	mPFS 11.3 mos	72%	G3-4, 44%	Y – 11 days			
Elranatamab2*	61%	90%	12 mos PFS 58%	57%	G3-4 35%	Y – 3 days			
ABBV-383b <sup>3</sup>	57%	73%	mPFS 10.4 mos	57%	41% all G	Y – 48 hrs D1			
Linvoseltamab (REGN5458) <sup>4</sup>	51%	4/10 pts	NA	38%	Not reported	Y			
Alnuctamab	43%	Not reported	NA	77%	Not reported	Y			
GPRC5DxCD3									
Talquetamab <sup>5*</sup>	68%	69%	mDOR 10.2 mos	80% at 800 ug	G3-4 7%	Y, 11 days			
FcRH5xCD3	Í								
Cevostamab <sup>6</sup>	56.7%	7/10 pts	mDOR 11.5 mos	80%	~20%	Υ			

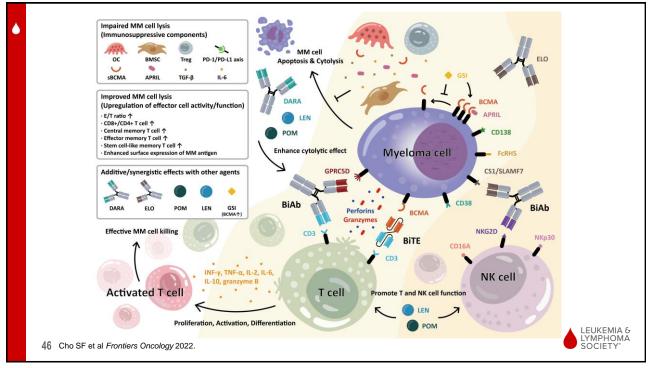
\*FDA Approvals 10/2022, 8/23.

\*\* In Evaluable patients.

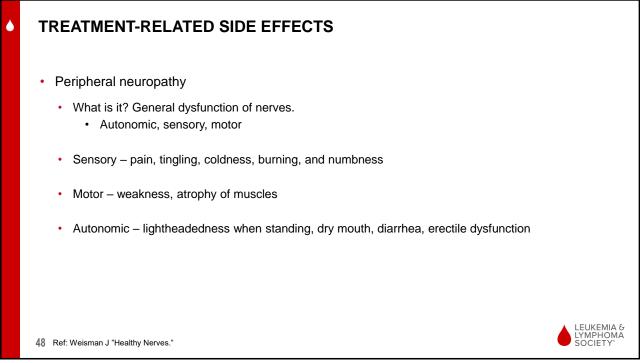
1. Moreau P et al, NEJM 2022; 2. Bahlis N et al ASH 2022; 3. D Souza A et al, JCO 2022; 4. Zonder JA ASH 2021; 5. Chari A et al NEJM 45 2022; 6. Trudel S et al ASH 2021.

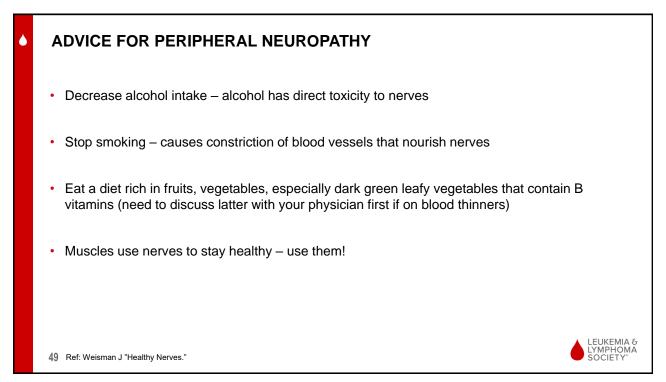
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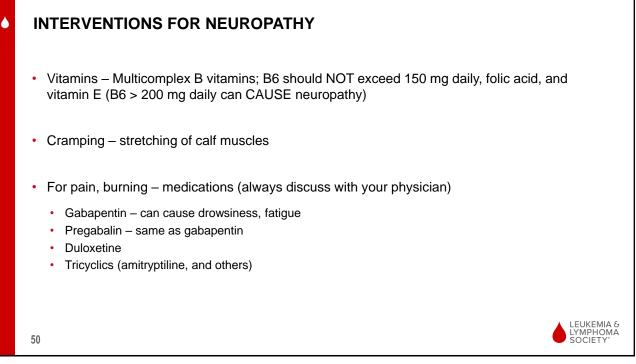
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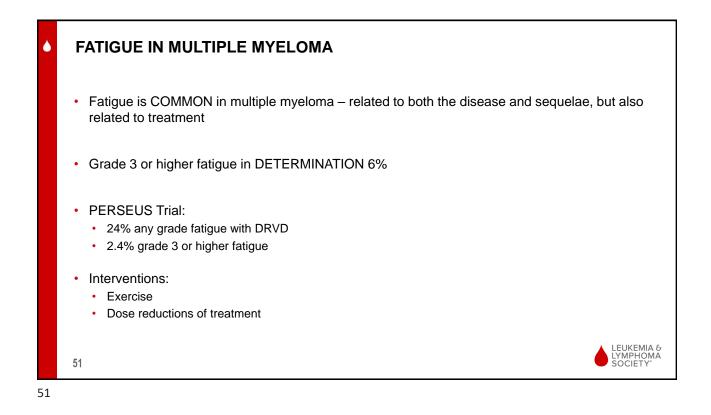


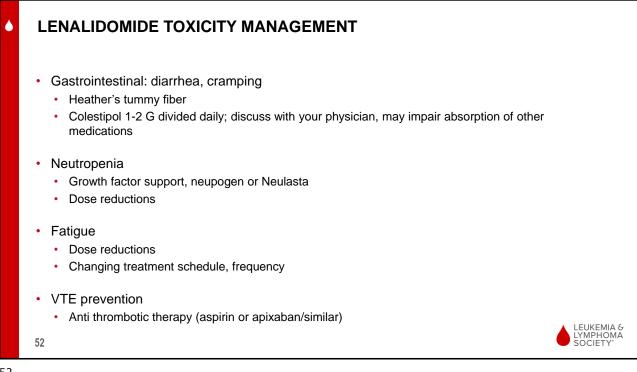
# OUALITY-OF-LIFE CONSIDERATIONS/MANAGING SIDE EFFECTS Treatment-related side effects Peripheral neuropathy Lenalidomide side effects Fatigue Mobility and strength Sarcopenia Diet and multiple myeloma

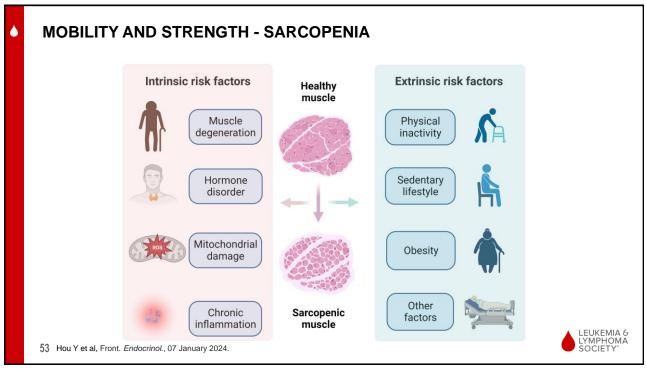


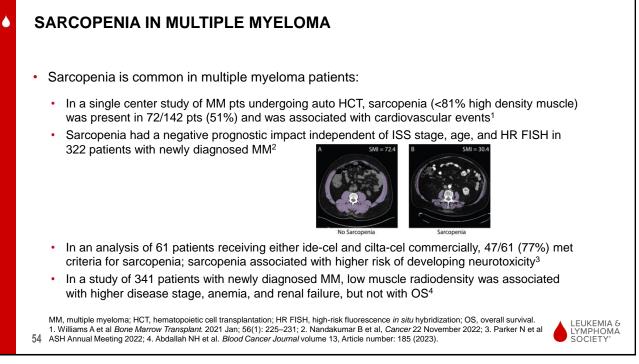


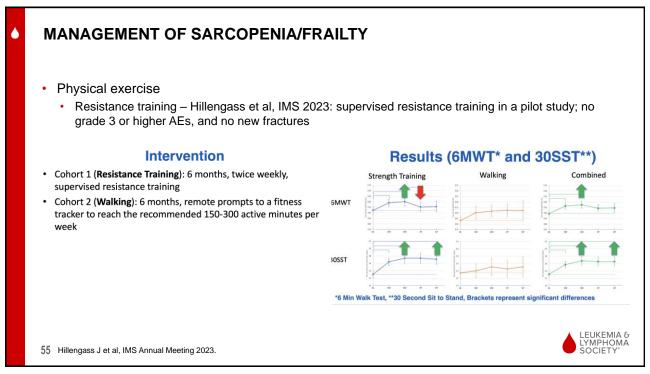




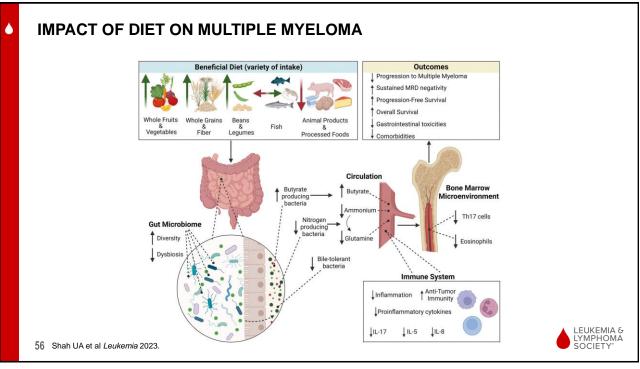


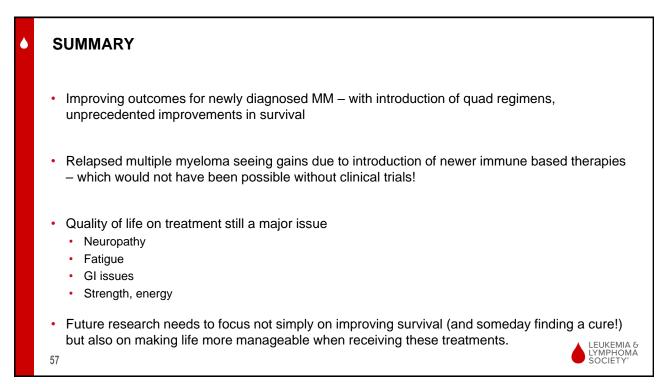














# ASK A QUESTION HIGHLIGHTS IN THERAPY: MULTIPLE MYELOMA

## 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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## HOW TO CONTACT US:

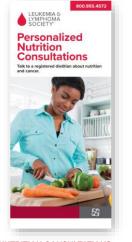
To contact an **Information Specialist** about disease, treatment and support information, resources and clinical trials:

Call: (800) 955-4572 Monday to Friday, 9 a.m. to 9 p.m. ET

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

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