

HIGHLIGHTS IN THERAPY: MULTIPLE MYELOMA

Andrew J. Cowan, MD Associate Professor Division of Hematology and Oncology University of Washington

Associate Professor Clinical Research Division Fred Hutchinson Cancer Center

Clinical Director Hematologic Malignancies/ Hematology, Myeloma UW Medicine Seattle, WA

> WELCOMING REMARKS HIGHLIGHTS IN THERAPY: MULTIPLE MYELOMA



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

The Leukemia & Lymphoma Society Rye Brook, NY



2

1

PRESENTATION

HIGHLIGHTS IN THERAPY: MULTIPLE MYELOMA



Andrew J. Cowan, MD

Associate Professor Division of Hematology and Oncology University of Washington

Associate Professor Clinical Research Division Fred Hutchinson Cancer Center

Clinical Director Hematologic Malignancies/Hematology, Myeloma UW Medicine Seattle, WA



۵

3

۵

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

5

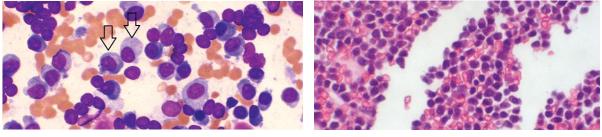
۵

5

WHAT IS MULTIPLE MYELOMA?

Plasma cell neoplasm

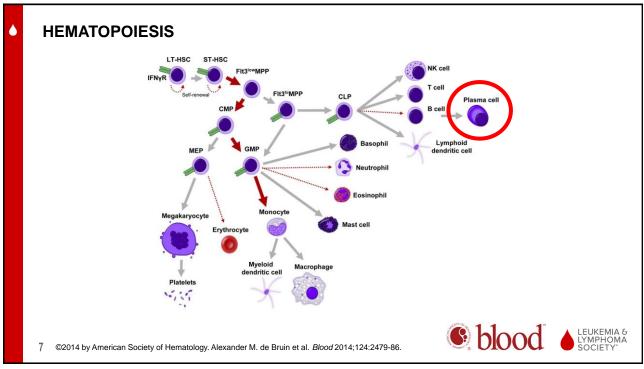
- Characterized by malignant plasma cells infiltrating the bone marrow, and sometimes other organs and tissues
- Symptoms depend on tumor burden and complications by plasma cell clones
- The clones produce monoclonal immunoglobulin, cytokines, and other factors that interfere with bone metabolism, kidney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



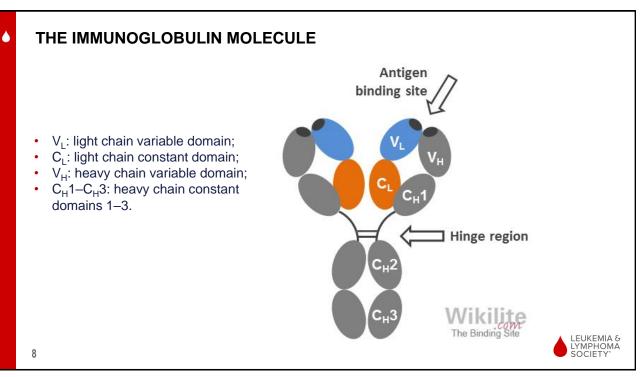
6 Eslick R, Talaulikar D. Multiple myeloma: from diagnosis to treatment. Aust Fam Physician. 2013 Oct;42(10):684-8.

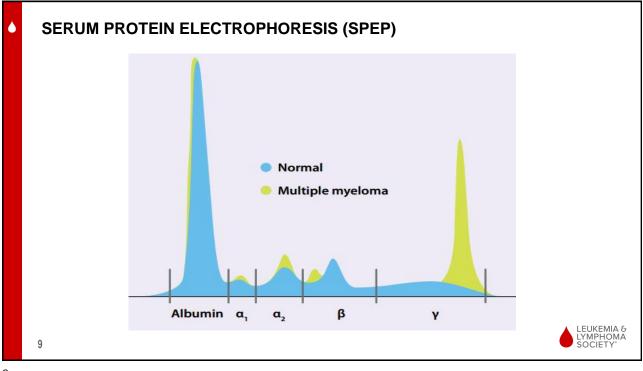


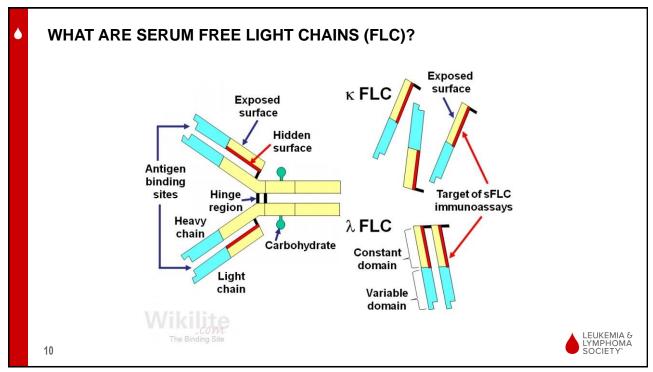
LEUKEMIA & LYMPHOMA SOCIETY°

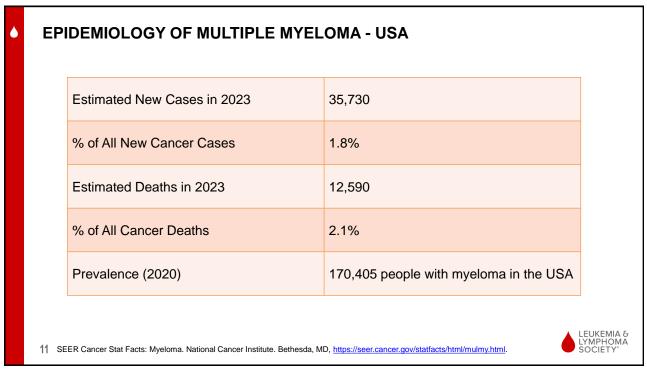


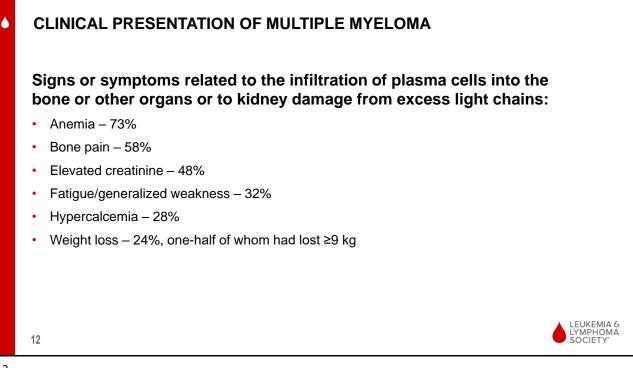


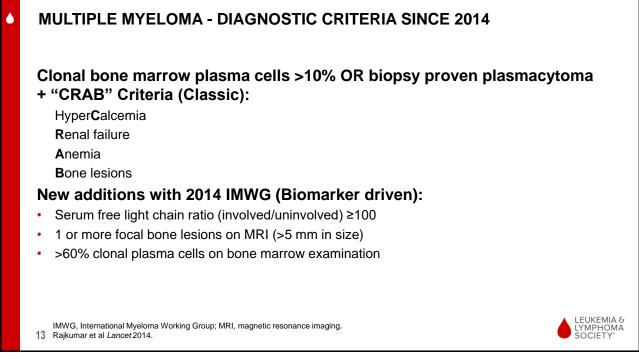




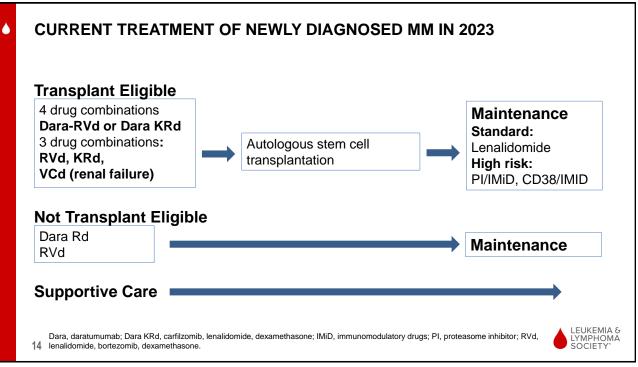


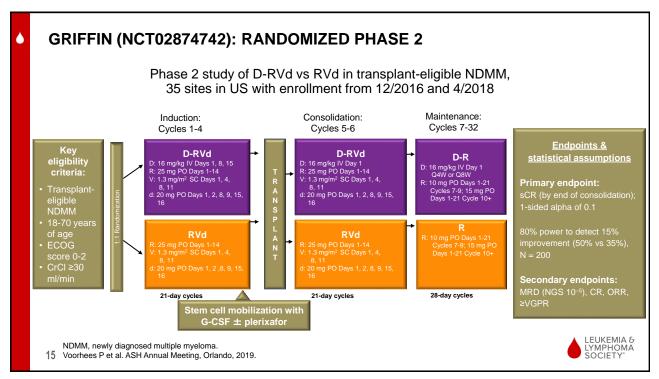




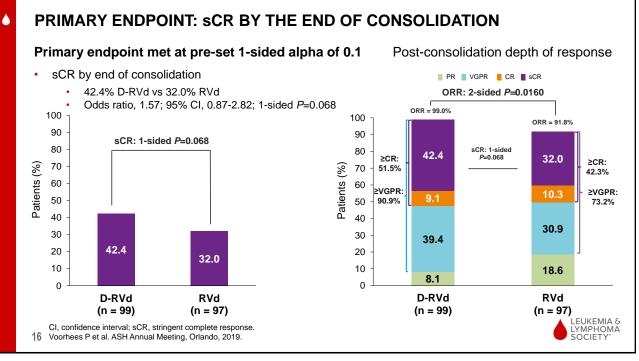


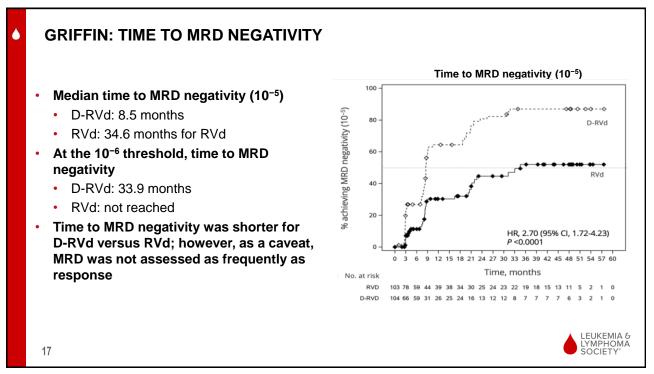


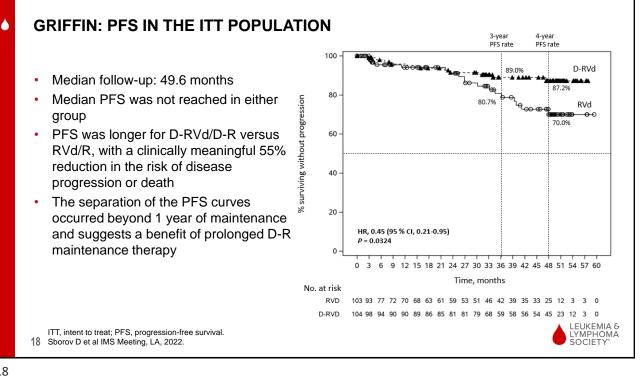


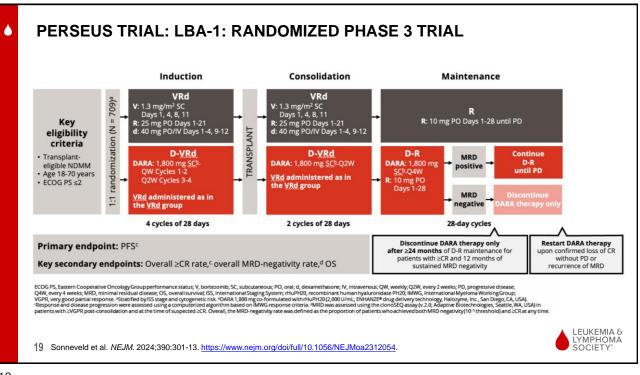




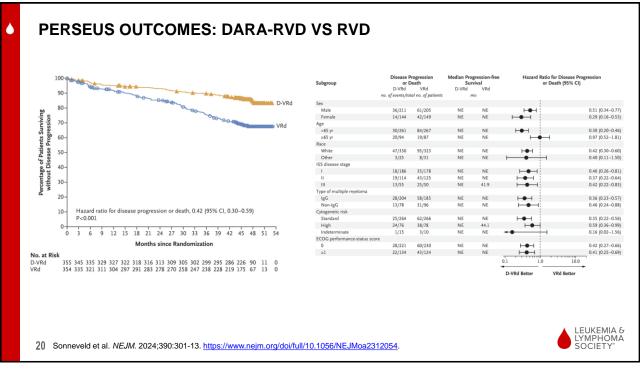


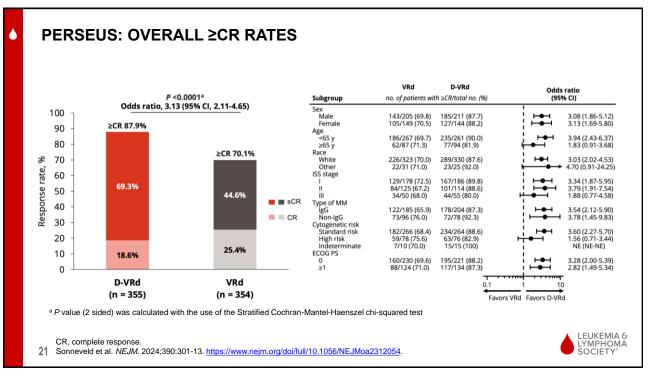






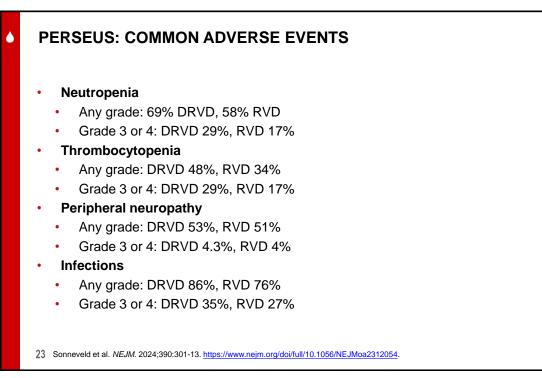




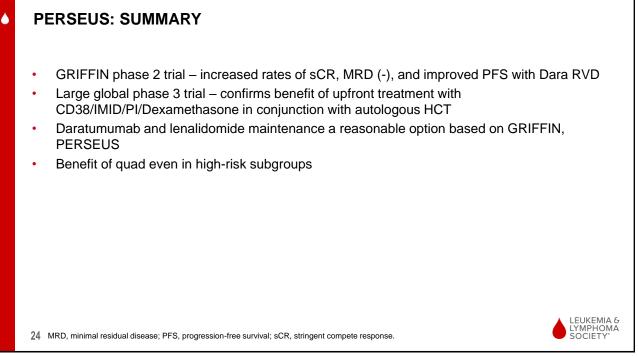


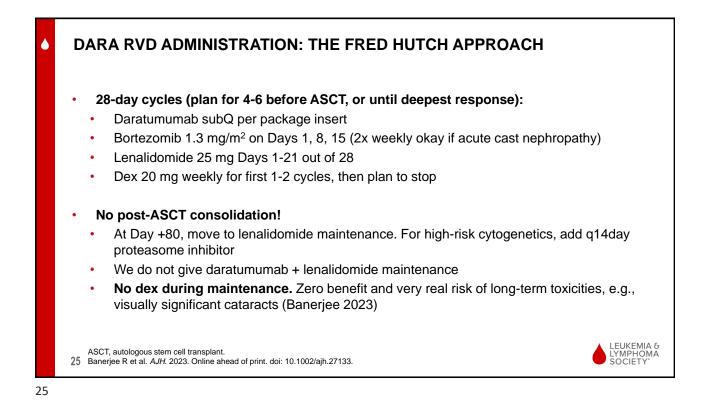
Variable	D-VRd (N = 355)	VRd (N = 354)	P Value [⊕]
Tumor response†			
Overall response — no. (% [95% CI])	343 (96.6 [94.2-98.2])	332 (93.8 [90.7–96.1])	_
Response — no. (%)			
Stringent complete response	246 (69.3)	158 (44.6)	_
Complete response	66 (18.6)	90 (25.4)	_
Very good partial response	26 (7.3)	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 ⁻⁶ 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)	_

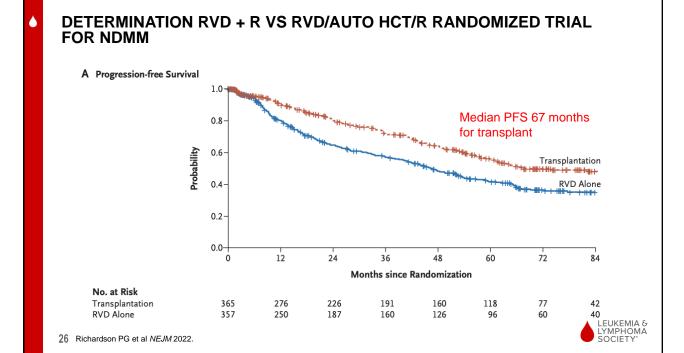
LEUKEMIA & LYMPHOMA SOCIETY





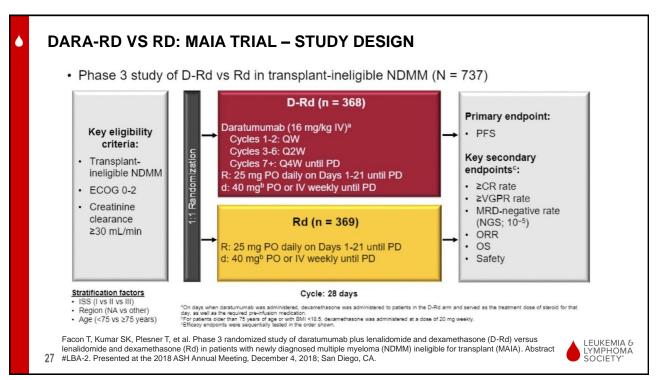




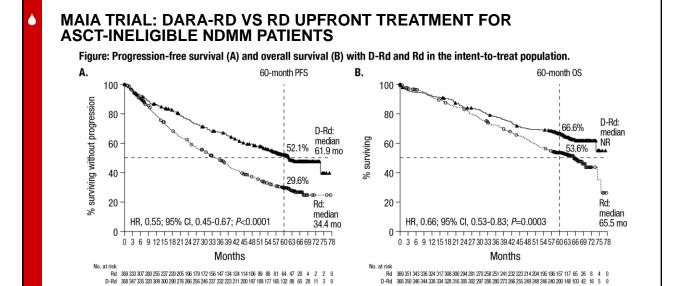


LEUKEMIA & LYMPHOMA

SOCIETY

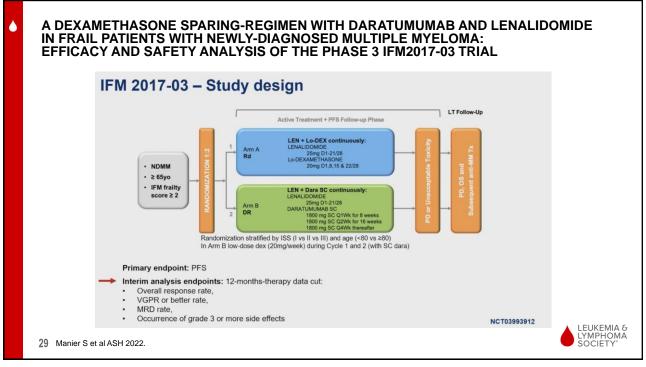




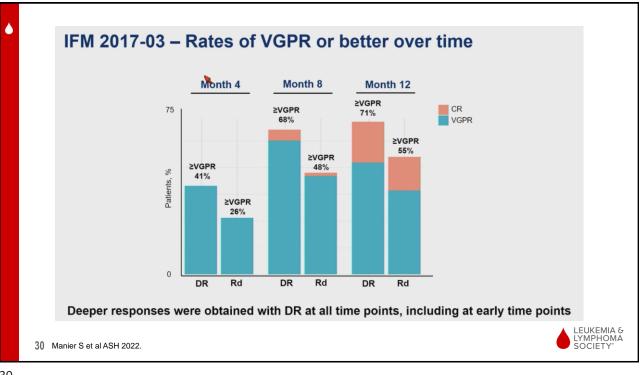


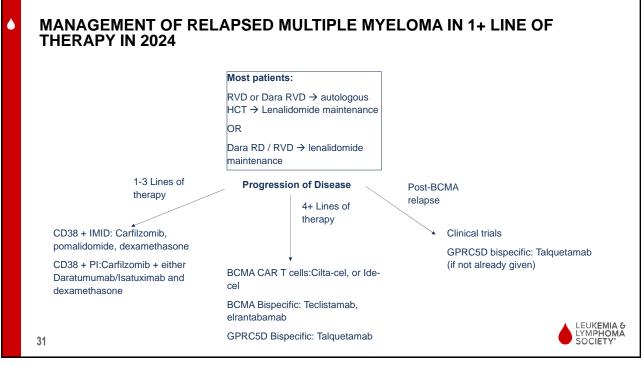
D-Rd, daratumumab plus lenalidomide/dexamethasone; Rd, lenalidomide/dexamethasone; PFS, progression-free survival; HR, hazard ratio; Cl, confidence interval; OS, overall survival; NR, not reached,

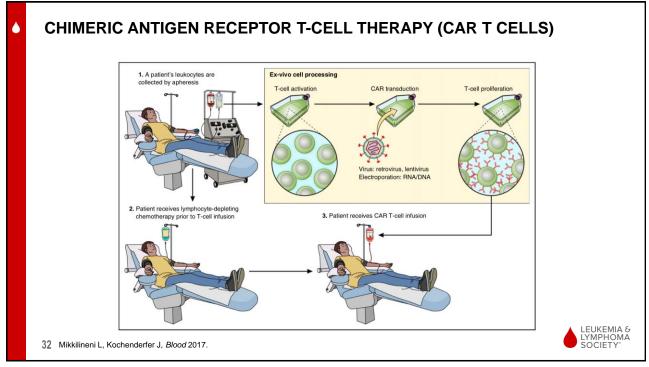
ASCT, autologous stem-cell transplant. 28 Kumar S et al ASH 2022

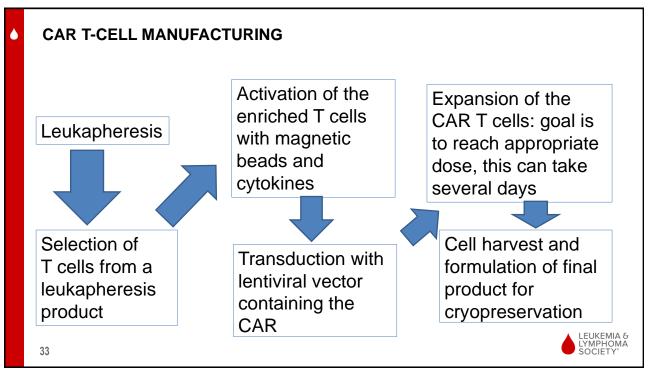


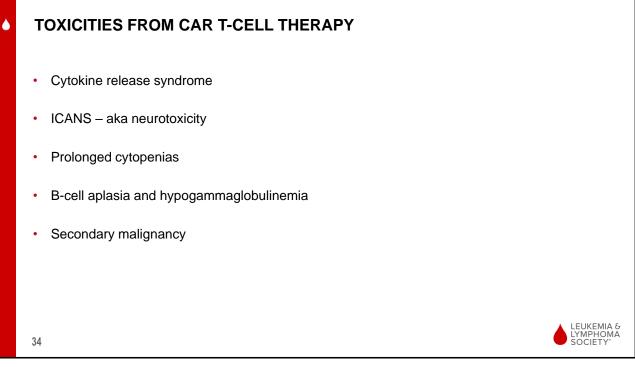


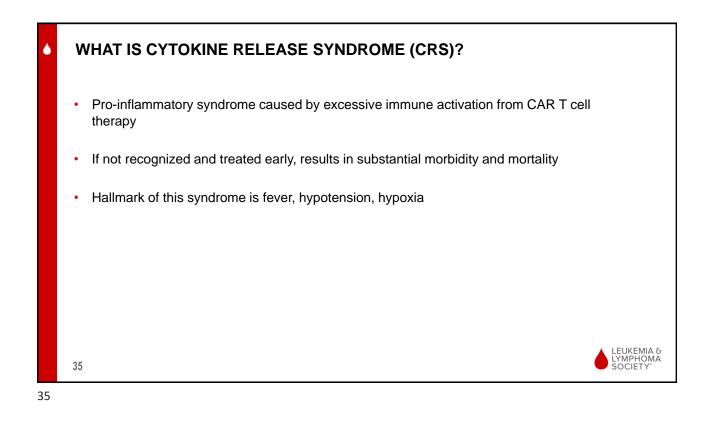


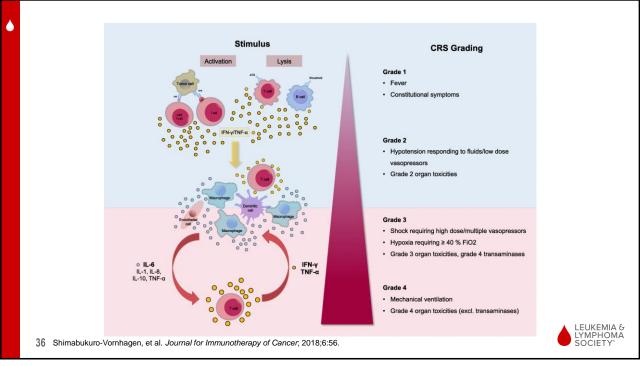


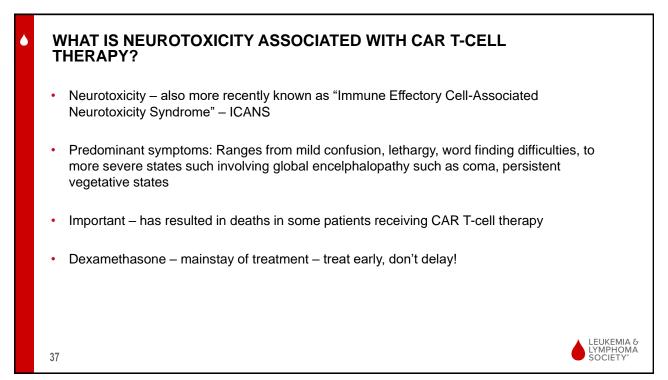


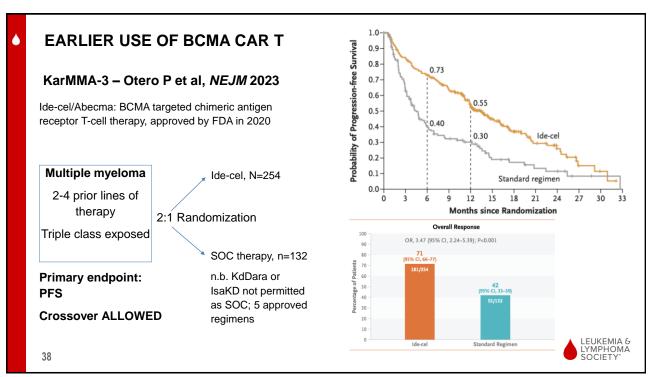


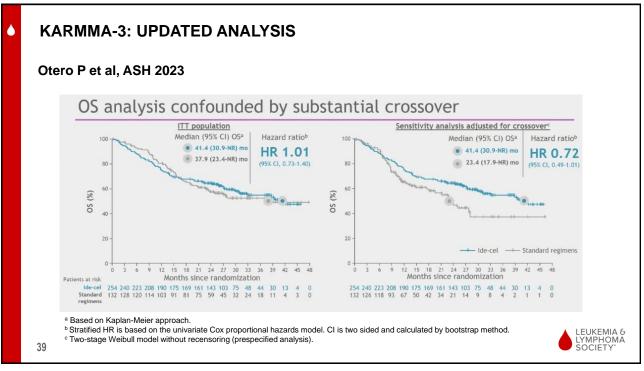




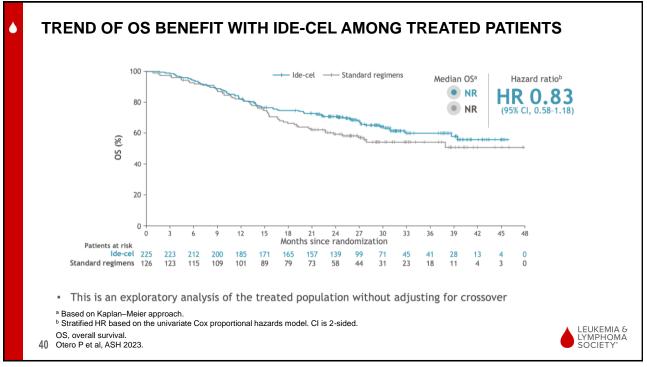


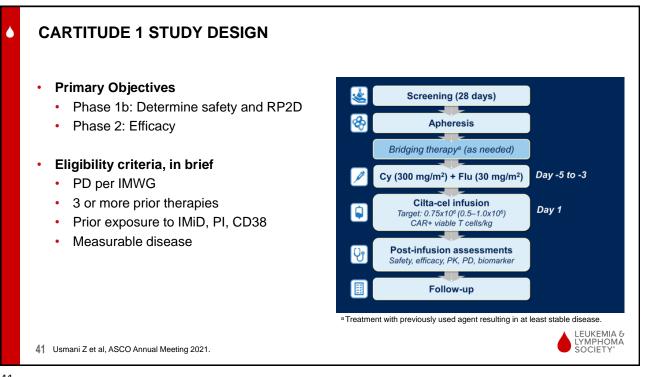


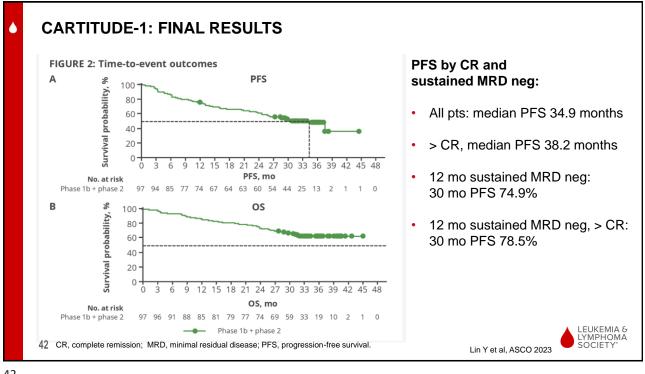


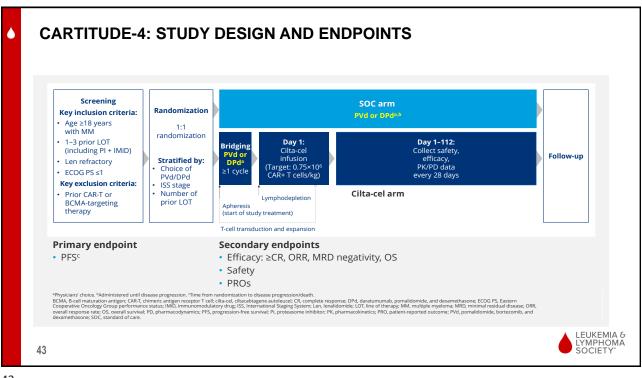




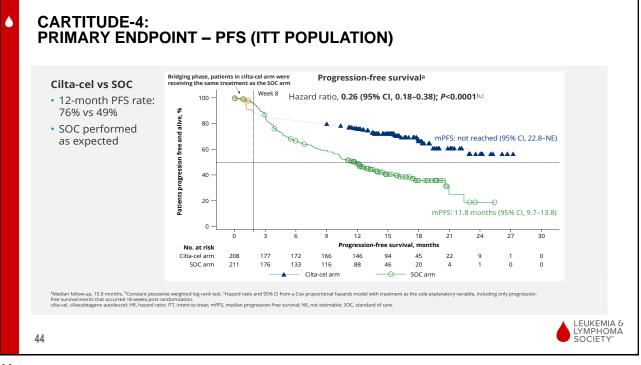












BSABS FOR MM: APPROVED AND IN DEVELOPMENT									
BCMAxCD3									
Agent name	ORR	<u>MRD (-)**</u>	PFS	CRS	Infections	Hospitalization			
Teclistamab1*	63%	26.7%	mPFS 11.3 mos	72%	G3-4, 44%	Y – 11 days			
Elranatamab2*	61%	90%	12 mos PFS 58%	57%	G3-4 35%	Y – 3 days			
ABBV-383b ³	57%	73%	mPFS 10.4 mos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

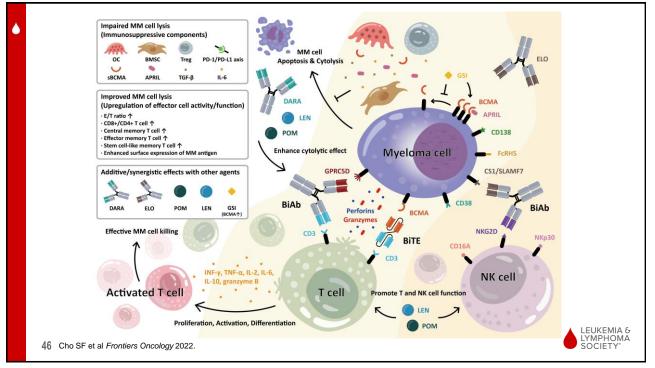
*FDA Approvals 10/2022, 8/23.

** In Evaluable patients.

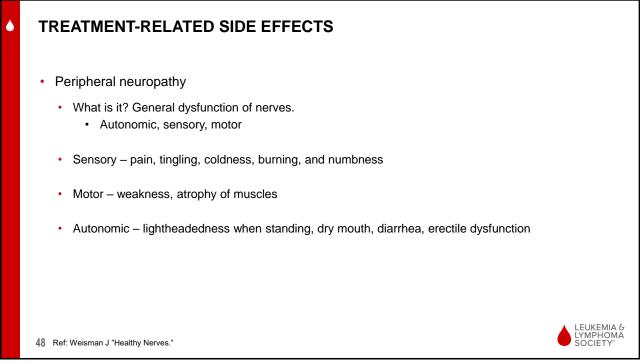
1. Moreau P et al, NEJM 2022; 2. Bahlis N et al ASH 2022; 3. D Souza A et al, JCO 2022; 4. Zonder JA ASH 2021; 5. Chari A et al NEJM 45 2022; 6. Trudel S et al ASH 2021.

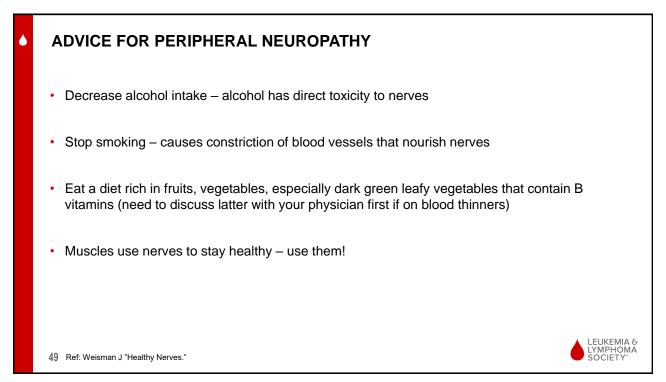
LEUKEMIA & LYMPHOMA SOCIETY°

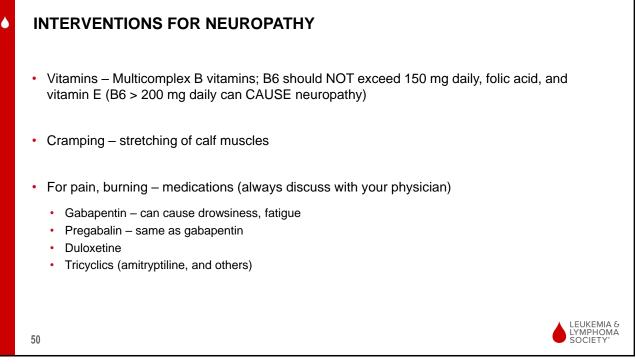
45

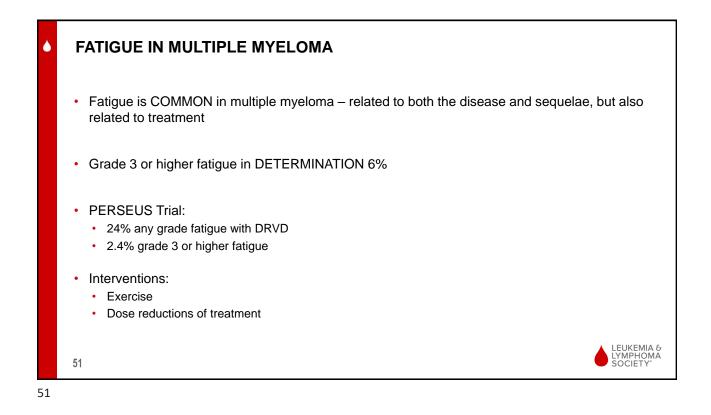


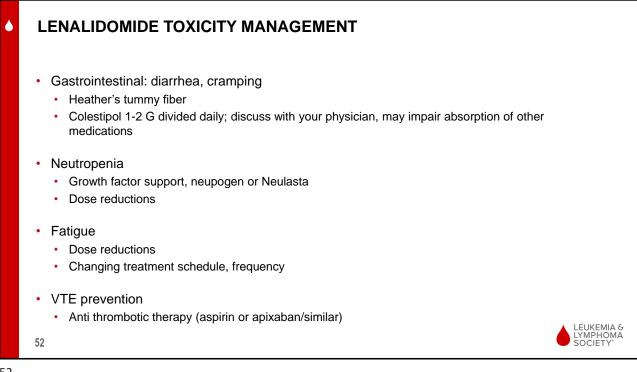
OUALITY-OF-LIFE CONSIDERATIONS/MANAGING SIDE EFFECTS Treatment-related side effects Peripheral neuropathy Lenalidomide side effects Fatigue Mobility and strength Sarcopenia Diet and multiple myeloma

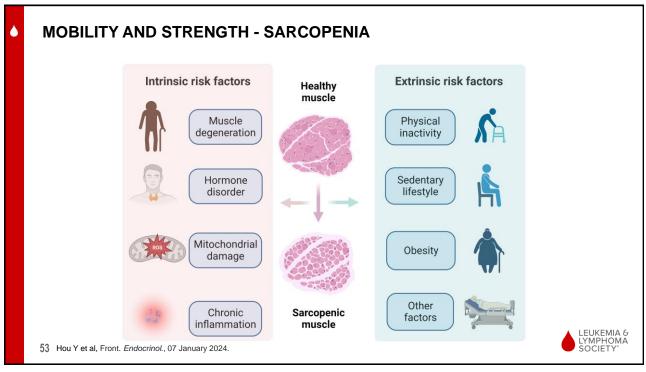


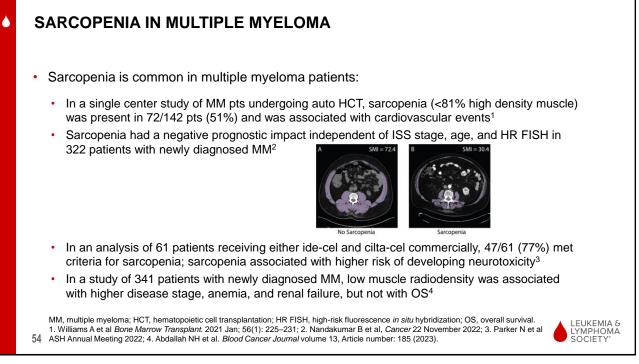


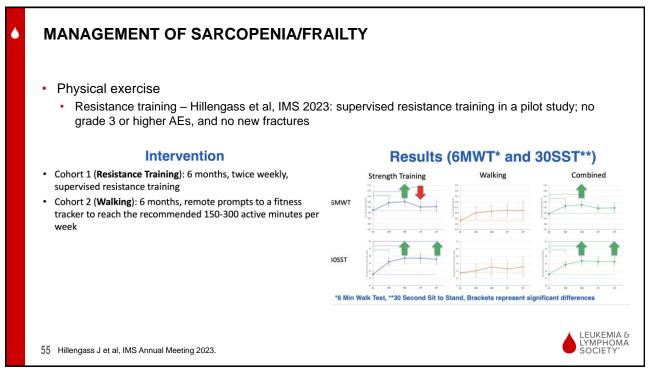




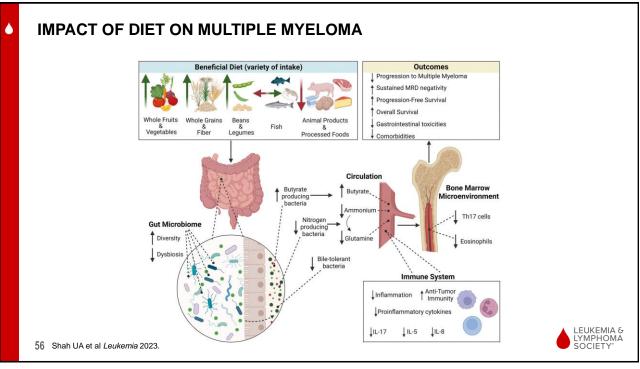


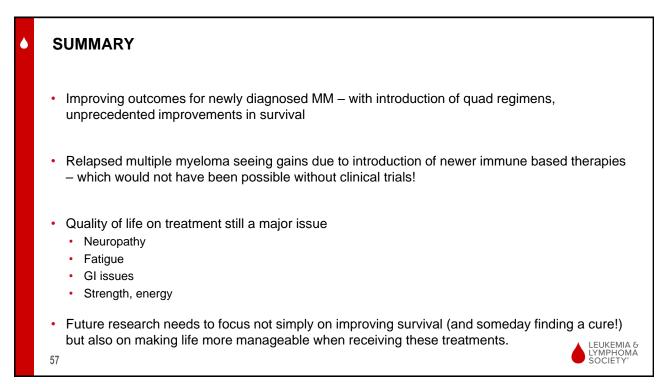














ASK A QUESTION HIGHLIGHTS IN THERAPY: MULTIPLE MYELOMA

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.



LLS EDUCATION & SUPPORT RESOURCES



HOW TO CONTACT US:

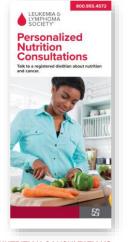
To contact an **Information Specialist** about disease, treatment and support information, resources and clinical trials:

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

Email: www.LLS.org/ContactUs

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



NUTRITION CONSULTATIONS Our registered dietitian has expertise in oncology nutrition and provides free one-on-one consultations by phone or email.

www.LLSNutrition.org

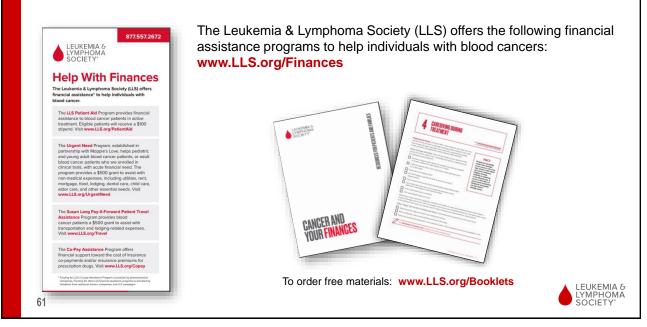


59

 \wedge



LLS EDUCATION & SUPPORT RESOURCES



61

