# Best Practices for the Multidisciplinary Management of NHL Using Antibody Therapeutics

#### Mehdi Hamadani, MD

Professor of Medicine Chief of Hematologic Malignancies Medical College of Wisconsin Milwaukee, WI

### Disclosures

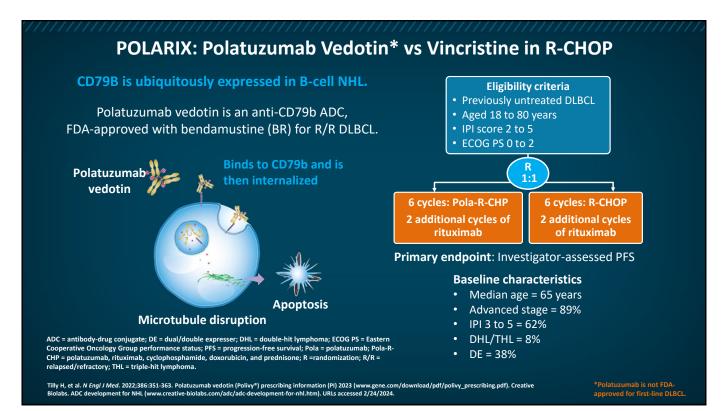
 Mehdi Hamadani, MD, reports that he is a consultant for ADC Therapeutics, AbbVie, Omeros, BMS, Kite, Genmab, CRISPR, Autolus, Caribou and Forte Biosciences; he also is a speaker for Sanofi, AstraZeneca, BeiGene, ADC Therapeutics, and Kite Pharma and provides contract research funding to ADC Therapeutics and Spectrum Pharmaceuticals

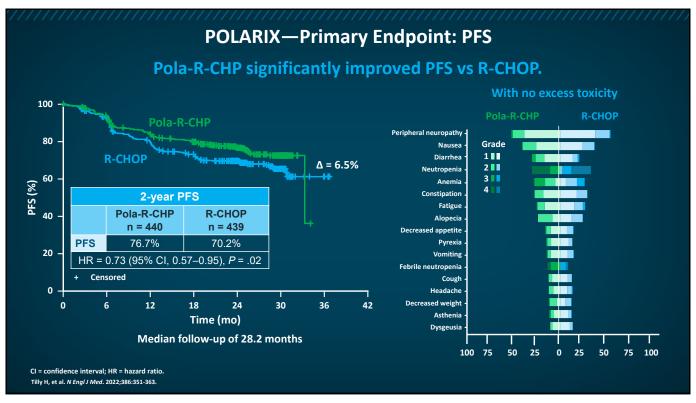
All relevant financial relationships have been mitigated.

• During this lecture Dr Hamadani may mention the use of medications for both US Food and Drug Administration (FDA)-approved and non-FDA-approved indications

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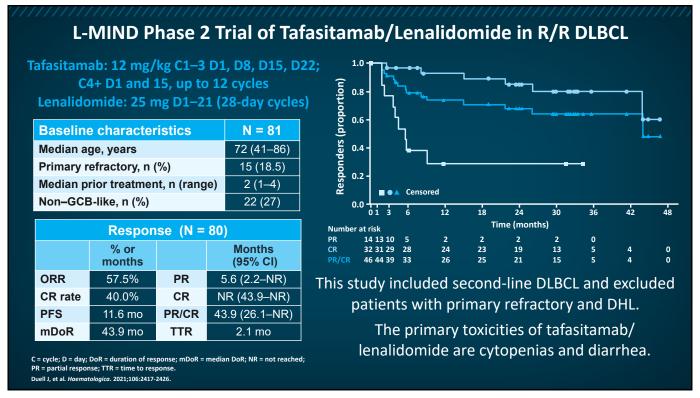




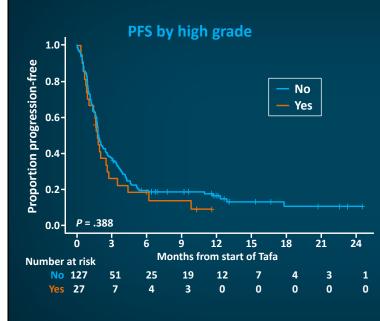
Patients receiv	ved up to s	ix 21-day cyc	Pola-BR BR
Baseline characteristics	BR (n = 40)	Pola-BR (n = 40)	<b>0.8</b> <b>0.8</b> <b>0.8</b> <b>0.8</b> <b>0.8</b> <b>0.8</b> <b>0.8</b> <b>0.8</b> <b>0.8</b> <b>0.8</b> <b>0.8</b> <b>0.8</b> <b>0.8</b> <b>0.8</b> <b>0.8</b> <b>0.8</b> <b>0.8</b> <b>0.8</b> <b>0.8</b> <b>0.8</b> <b>0.8</b> <b>0.8</b> <b>0.8</b> <b>0.8</b> <b>0.9</b> <b>0.8</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0.9</b> <b>0</b>
Median age, years	71 (30–84)	) 67 (33–86)	الله المعادمة المعاد المعادمة المعادمة الم
IPI ≥3, n (%)	29 (73)	22 (55)	
Median prior treatment, n (range)	) 2 (1–5)	2 (1–7)	Image of the second
Prior BMT, n (%)	6 (15)	10 (25)	<sup>6</sup> 0.2 کے BR
			+ censored
Response		Pola-BR (n = 40)	0.0 0 2 4 6 8 10 12 14 16 18 20 22 24 20 Number at risk (phase 2) Time (months)
ORR	17.5%	45.0%	Pola-BR 40 32 28 23 19 17 15 12 11 7 7 5 1 0
CR	17.5%	40.0%	BR 40 23 12 5 5 4 4 4 3 3 2 1 1 0

Best response to Pola-BR	All patients (N = 133)	Prior CAR-T (n = 16)	DHL/THL (n = 14)	Transformed lymphoma (n = 31)	Stand alone treatment (n = 78)	Bridge to CAR-T (n = 40)	>1 prior lines of treatment (n = 86)
CR	42	3	3	11	31	7	21
	(31.6%)	(18.8%)	(21.4%)	(35.5%)	(39.7%)	(17.5%)	(24.4%)
PR	31	4	2	10	19	9	19
	(23.3%)	(25.0%)	(14.3%)	(32.3%)	(24.4%)	(22.5%)	(22.1%)
SD	13	3	2	2	5	6	11
	(9.8%)	(18.8%)	(14.3%)	(6.5%)	(6.4%)	(15.0%)	(12.8%)
PD	42	6	6	7	21	16	32
	(31.6%)	(37.5%)	(42.9%)	(22.6%)	(26.9%)	(40.0%)	(37.2%)
Missing	5	0	1	1	2	2	3
	(3.8%)	(0.0%)	(7.1%)	(3.2%)	(2.6%)	(5.0%)	(3.5%)
ORR	57.0%	43.8%	38.5%	70.0%	65.8%	42.1%	48.2%
(95% CI)	(48.0–65.7%)	(19.8–70.1%)	(13.9–68.4%)	(50.6–85.3%)	(54.0–76.3%)	(26.3–59.2%)	(37.1–59.4%)

CR = complete response; PD = progressive disease; PR = partial response; SD = stable disease. Northend M, et al. *Blood Adv.* 2022;6:2920-2926.



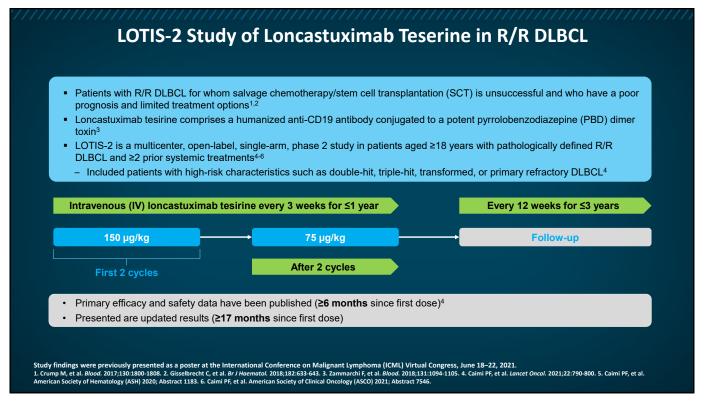
### Real-World Evidence of Tafa-Len's Activity in HGBCL and Post CAR T-Cell

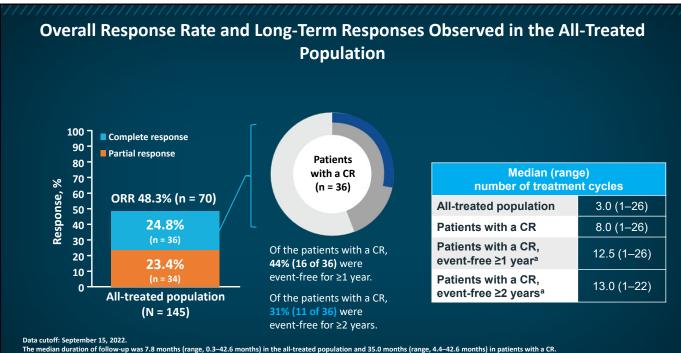


TOLA study	
DHL/THL	n = 27
ORR	18%
CR rate	15%

Response to Tafa/Len according to CAR T-cell response					
DoR after CAR T-cell	≥6 months (n = 11)	<6 months (n = 15)			
ORR	36%	7%			
CR	36%	7%			

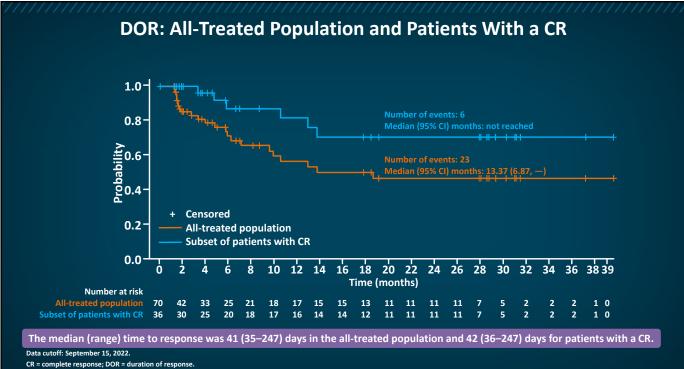
Len = lenalidomide; Tafa = tafasitamab. Qualls D, et al. *Blood*. 2023;142(26):2327-2331.





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Caimi PF, et al. Haematologica. 2023. (https://doi.org/10.3324/haematol.2023.283459). Accessed 2/26/2024.

# All-Grade and Grade ≥3 Adverse Events

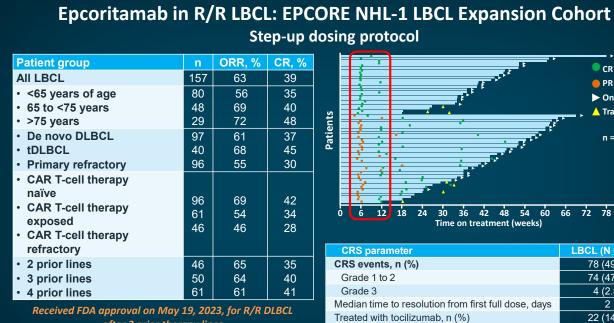
TEAEs, any grade in ≥30% of patients	All-treated population N = 145	Patients with a CR n = 36	TEAEs, grade ≥3 in ≥10% of patients	All-treated population N = 145	Patients with a CR n = 36
Patients with any TEAE	98.6%	100%	Patients with any TEAE	73.8%	75%
Increased GGT	42%	50%	Neutropenia	26%	28%
Neutropenia	40%	42%	Thrombocytopenia	18%	19%
Thrombocytopenia	33%	36%	Increased GGT	17%	19%
Anemia	26%	36%	Anemia	10%	8.3%
Peripheral edema	20%	33%	Leukopenia	9%	14%
Nausea	23%	31%	Hypophosphatemia	6%	11%

# No new safety signals were identified during the long-term follow-up.

Data cutoff: September 15, 2022.

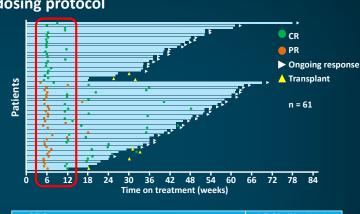
GGT = gamma-glutamyltransferase; TEAE = treatment emergent adverse events. Caimi PF, et al. *Haematologica*. 2023. (https://doi.org/10.3324/haematol.2023.283459). Accessed 2/26/2024.

N = 187	ORR (%)	CR (%)			PFS by	response to	Lonca	
Overall study population	32	14		Re		:a: PD S		CB
CD19 status Positive Negative	32 26	14 21	1.00 - 0.75 -					
Bulky disease (N = 32)	16	0				' <sup>™</sup>	NPFS NR	
Prior CAR T-cell Yes (N = 112) No	30 35	15 12	0.50 -	A A		└ <sub>↓+</sub> _ PR =	mPFS 6.3 mont	hs
Number of prior therapies <4 4+	33 30	14 13	0.00 –	0 Iber at risk	5	10 Months	15	20
Age >75 years Yes No	32 26	14 21	PD SD PR CR	112 15 33 26	3 2 15 21	0 0 3 7	0 0 1 3	0 0 0 1



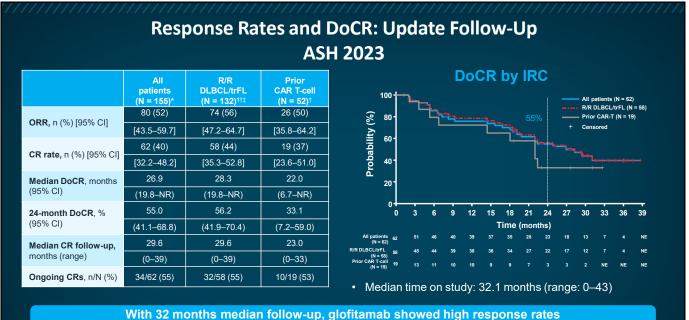
after 2 prior therapy lines

ICANS = Immune effector cell-associated neurotoxicity syndrome. Thieblemont C, et al. J Clin Oncol. 2022;41:2238-2247.



CRS parameter	LBCL (N = 157)
CRS events, n (%)	78 (49.7)
Grade 1 to 2	74 (47.1)
Grade 3	4 (2.5)
Median time to resolution from first full dose, days	2
Treated with tocilizumab, n (%)	22 (14.0)
ICANS Grade 1 to 2	5.7%
ICANS Grade 3 or more	1 (0.6)

Induces Durable	e Complete Responses	
Heavily pretreated, highly refractory population	Pivotal phase 2 cohort (ASCO 2022	2) – DoCR* by IRC
<ul> <li>Pivotal phase 2 results presented at</li> <li>ASCO 2022</li> <li>DLBCL NOS, HGBCL, trFL or PMBCL;</li> <li>≥2 prior therapies</li> <li>Glofitamab 2.5/10/30 mg (N = 155)</li> <li>Efficacy</li> <li>CR rate: 39.4% (61/155)</li> </ul>	$\begin{array}{c} 80 - \\ 10 - \\ 10 - \\ 20 - \\ 20 - \\ $	6.8–NE) 14 15 16 17 18 19 20 21
• ORR: 51.6% (80/155)		N = 61
	Median DoCR follow-up, months (range)	10.6 (0–21)
Received FDA approval on June 15, 2023,	12-months DoCR, % (95% CI)	77.6 (64.3–90.8)
for R/R DLBCL after 2 prior therapy lines	CRs ongoing at CCOD, n (%)	49 (80.3)

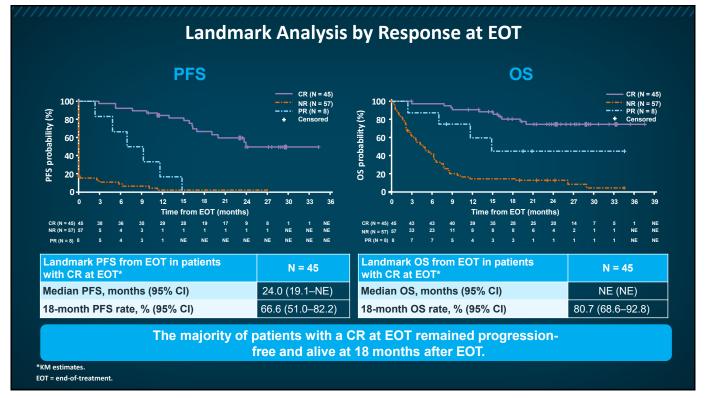


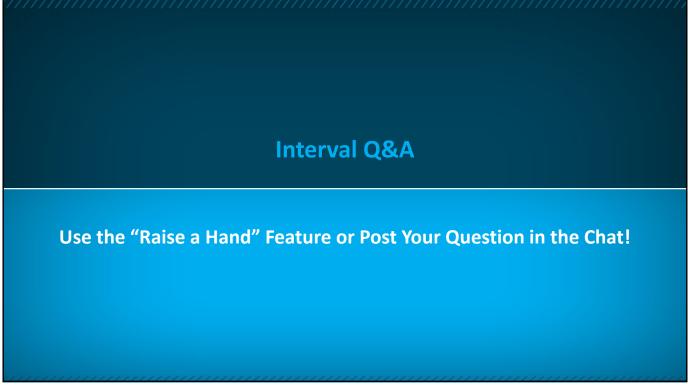
and durable remissions across subgroups.

\*Intent-to-treat population (DLBCL, trFL, HGBCL, and PMBCL). †Patients in this subgroup had similar baseline characteristics to the overall population. ‡Primary efficacy population reported in the

glofitamab USPI, all patients received at least 1 dose of glofitamab. Cl = confidence interval; NE = not estimable; NR = not reached; USPI = United States prescribing information.

Glofitamab-gxbm (Columvi<sup>m</sup>) Pl 2023 (https://www.accessdata.fda.gov/drugsatfda\_docs/label/2023/761309s000lbl.pdf). Accessed 2/24/2024; Hutchins M et al. ASH 2023; Abstract 433.









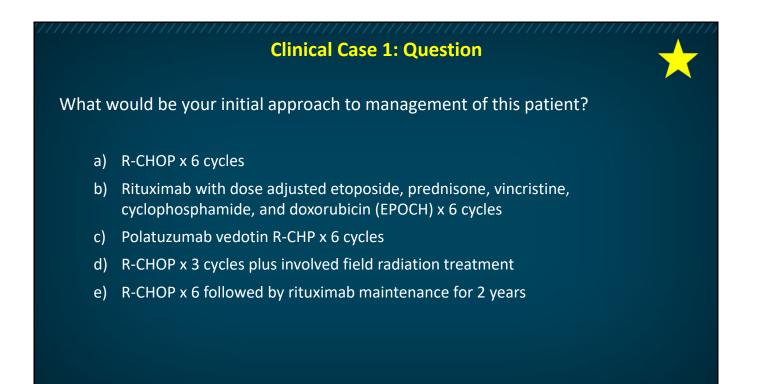
Clinical Case 1: Prese	entation		
<ul> <li>A 60-year-old male presented with left facial pain ar or weight loss</li> </ul>	nd swelling; n	o fevers, nigl	ht sweats,
Past medical history			
— Lyme disease (remote), actinic keratosis, dyslipidemia			
Social and family history			
<ul> <li>Self-employed as a honeybee farmer</li> </ul>	Teet	Malua	
<ul> <li>Father with coronary artery disease</li> </ul>	Test LDH	Value 300 U/L	ULN 280 U/L
Physical examination	Hemoglobin	14.2 g/dL	15.1 gm/L
<ul> <li>Large maxillary mass visible on exam</li> </ul>	WBC	5.2 10e3/uL	11.2 10e3/uL
Laboratory values	Platelet	180 10e3/uL	366 10e3/uL
<ul> <li>All other laboratory values within normal limits (WNL)</li> </ul>	Bilirubin	0.4 mg/dL	1.2 mg/dL
<ul> <li>Hepatitis B and C and HIV: Negative</li> </ul>	Creatinine	0.86 mg/dL	1.2 mg/dL
LDH = lactate dehydrogenase; ULN = ULN = upper limit of normal; WBC = white blood cells.			

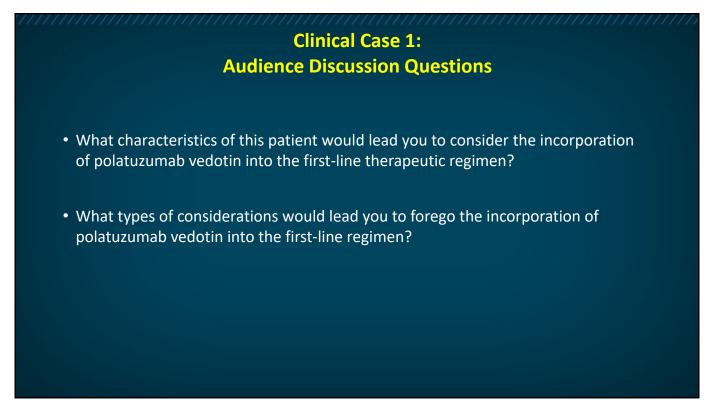
# Clinical Case 1: Work-Up

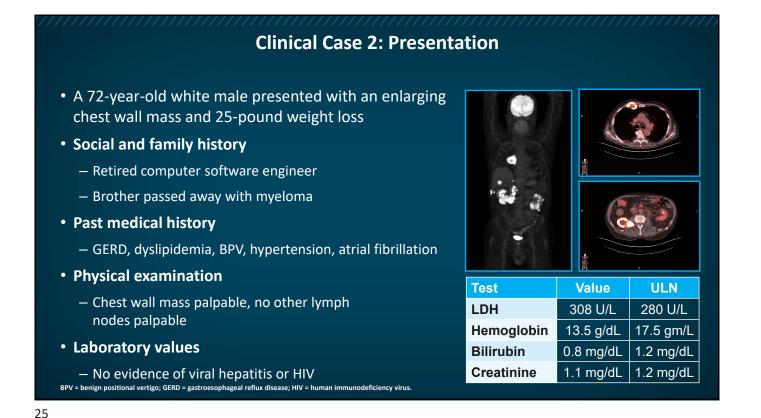
# Diagnostic work-up

- Positron emission tomography/computed tomography (PET/CT) scan showed large left maxillary mass, adenopathy below diaphragm, and involvement of left lung and pleural surface
- Core needle biopsy of maxillary mass consistent with GCB DLBCL (CD20+, CD10+, BCL6+, MUM1+, Ki67 90%)
- FISH-negative for *MYC*; *BCL2* amplification but no rearrangement seen
- ECOG PS = 1, Stage IV; IPI = 4









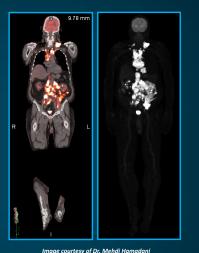
### **Clinical Case 2: Work-Up and Treatment**

#### **Diagnostic work-up**

- Imaging studies
  - PET/CT images shown on previous slide
  - Chest wall mass core needle biopsy consistent with non-GCB DLBCL (CD20+, CD10-, BCL6-, MYC+++, BCL2+++, EBER-, Ki67 70%); FISH negative for *MYC*, and *BCL2* rearrangement
  - Bone marrow biopsy not done
  - CSF analysis negative
  - Stage IV; IPI = 4

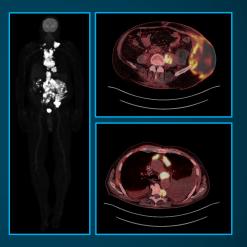
#### **Initial treatment**

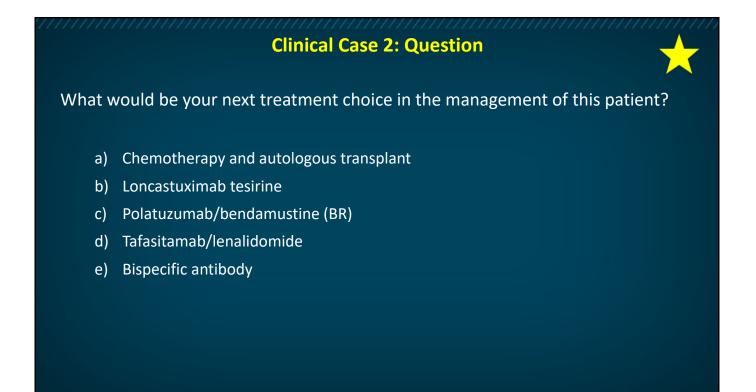
- R-CHOP; CT C/A/P slowly responsive disease after 3 cycles; went on to receive 3 more cycles
- At end of treatment imaging, patient had primary progressive disease
- Repeat biopsy showed refractory B-cell lymphoma
- C/A/P = chest, abdomen, pelvis.

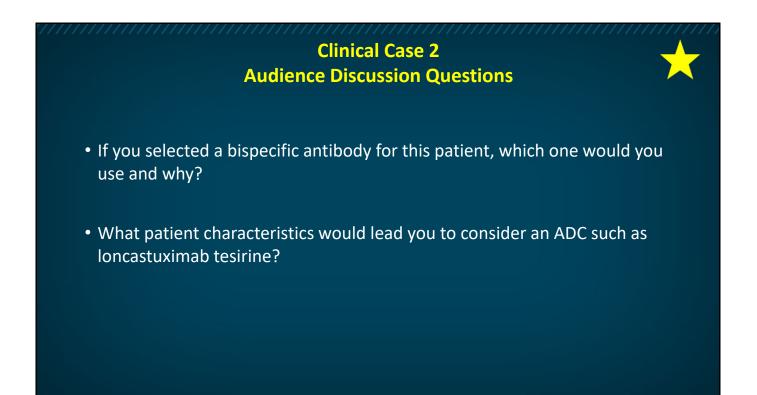


### **Clinical Case 2: Subsequent Therapy**

- Patient received polatuzumab vedotin/rituximab bridging and underwent CD19-directed CAR T-cell treatment with axicabtagene ciloleucel (axi-cel) (bendamustine lymphodepletion)
- Patient continued to feel unwell; notice a rapidly enlarging abdominal soft tissue mass, a PET/CT showed no improvement, and large new metabolic active left flank mass
- Repeat biopsy to assess CD19 expression showed no CD19 loss via flow cytometry; LDH was 980/UL

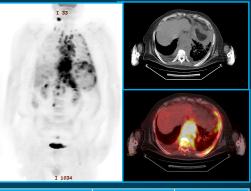






### **Clinical Case 3: Presentation**

- A 45-year-old White male presented with dyspnea on exertion and marked fatigue
- Past medical history
  - DM-II, generalized anxiety disorder
- Social and family history
  - Single, worked in health insurance; quit smoking in 1998
  - Father had melanoma; maternal aunt had gastric cancer
- Physical examination and imaging
  - Cervical adenopathy
  - PET/CT showed pleural effusion, mediastinal mass with pleural, pulmonary, and skeletal involvement
- Laboratory values
  - No evidence of viral hepatitis or HIV



Test	Value	ULN
LDH	411 U/L	280 U/L
Hemoglobin	9.8 g/dL	17.5 gm/L
Bilirubin	1.1 mg/dL	1.2 mg/dL
Creatinine	1.5 mg/dL	1.2 mg/dL

### **Clinical Case 3: Work-Up and Treatment**

#### **Diagnostic work-up**

- Transbronchial biopsy of mediastinal mass
  - Large B cell lymphoma (CD20 positive, cyclin D1 negative, CD10 negative, BCL6 few positive cells, BCL2 several positive cells, MUM1 positive, Ki-67 of approximately 50%, EBER-ISH negative)
  - FISH analysis showed no MYC gene rearrangement, but extra copies of MYC were seen
  - Bone marrow biopsy negative
- Stage IV-B; IPI = 4

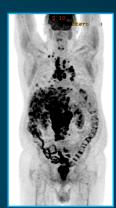
### **Treatment course**

- First-line treatment R-CHOP x 6 intercalated with high-dose methotrexate x 3; response of CR
- ~16 months later presented with cord compression and large mass centered on T9
- Biopsy confirmed relapsed LBCL; patient achieved a CR with RICE, but stem cell collection failed but, unfortunately, shortly after collection failure he relapsed (late 2021; scan shows)
- EBER-ISH = Epstein-Barr virus-encoded RNA-1 in situ hybridization.

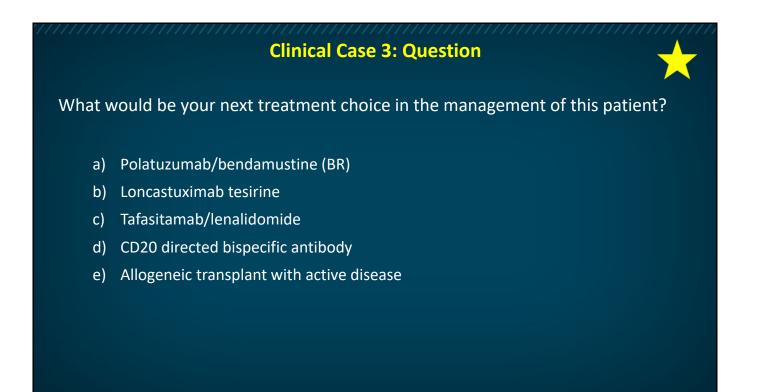
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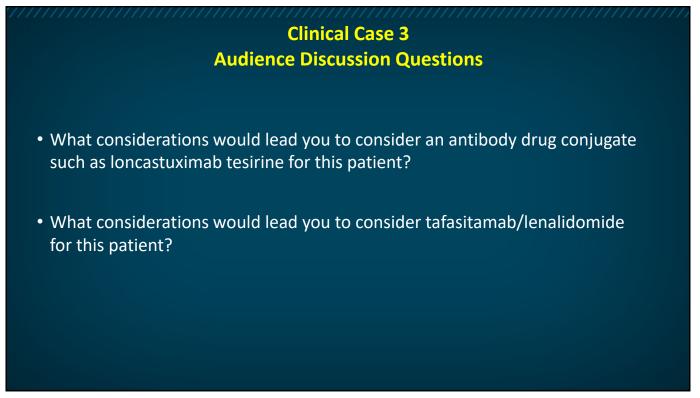
### **Clinical Case 3: Subsequent Course**

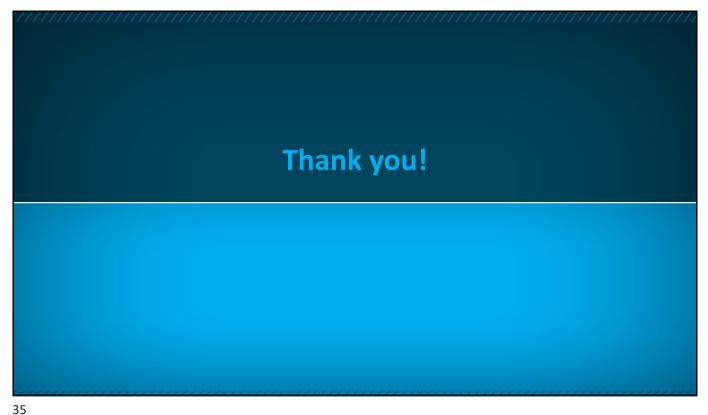
- Patient next received bridging treatment with polatuzumab vedotin and underwent an experimental CD19.20 directed CAR T-cell therapy following fludarabine/cyclophosphamide (Flu/Cy) lymphodepletion
- Patient achieved a complete remission on Day 30, but a PET/CT at the 6-month mark showed evidence of recurrent disease (image)
- Repeat biopsy to assess CD19/CD20 expression showed no CD19 loss; CD20 was not detectable via flow cytometry or IHC

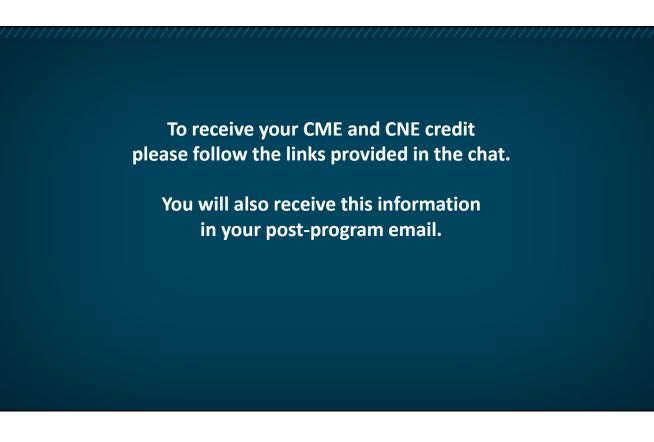




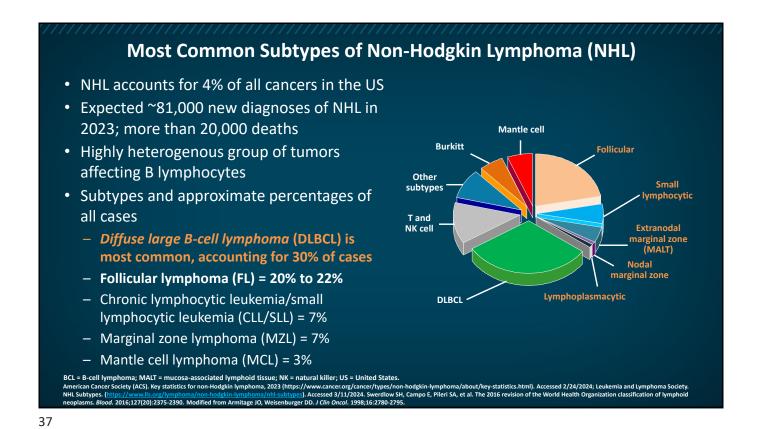


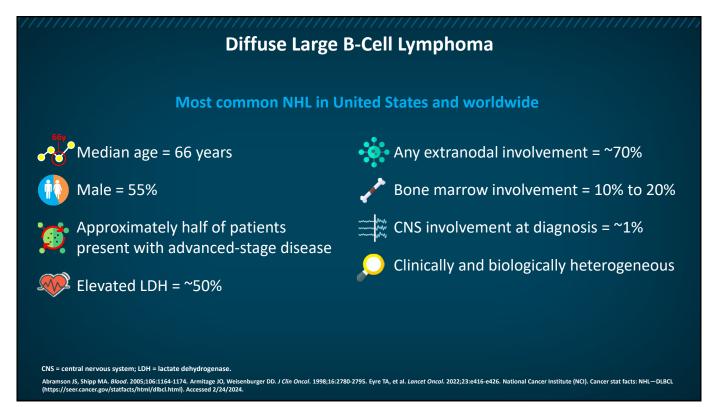


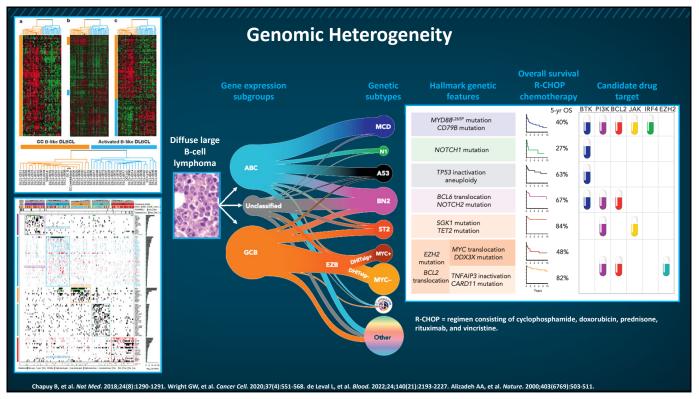


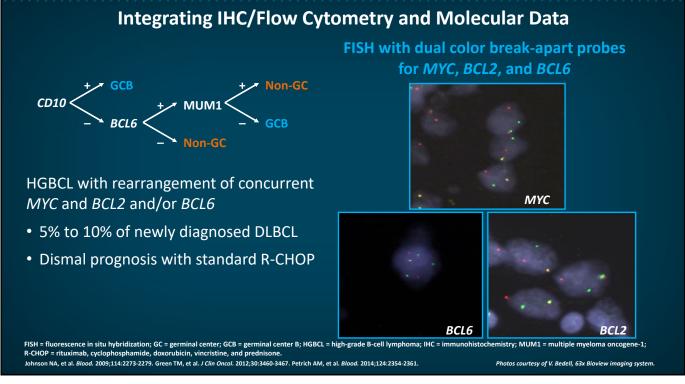


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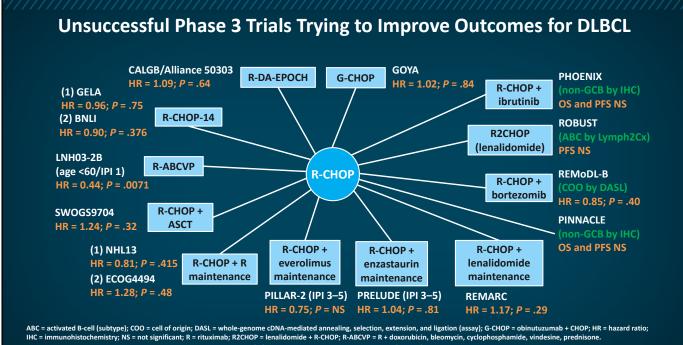




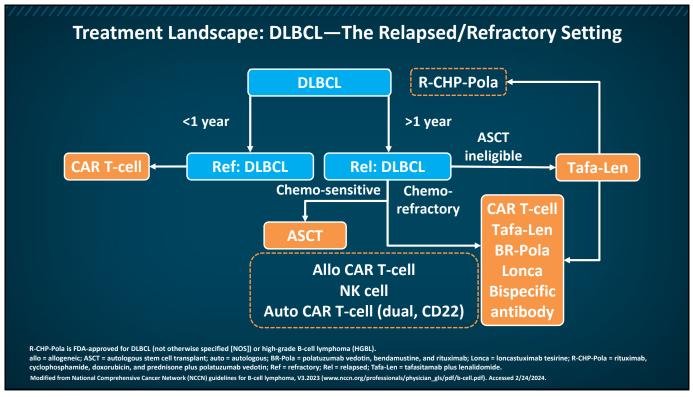




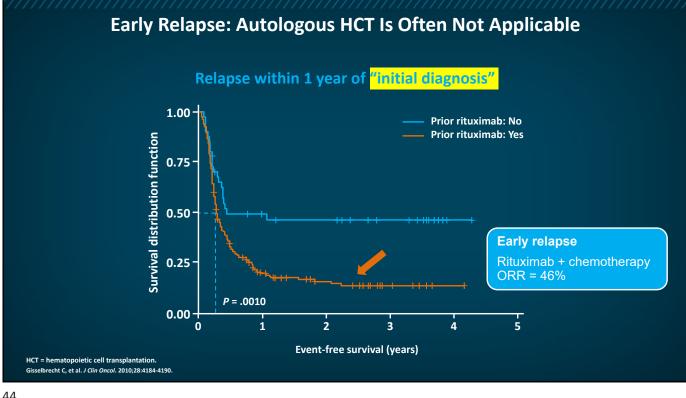
		Interna	tional P	rognost	ic Inde	ex (IPI)		
	IF	2		e-adjusted ge ≤60 yea	Adve	Adverse factor		
	Ag	je				≥6	i0 years	
	Sta	ge		Stage		III-IV		
	Performar	nce status	Perf	ormance s		2 to 4 >ULN ≥2 sites		
	Serum	n LDH		Serum LDH	:			
	Extranodal i	nvolvement		-	≥			
		Risk group	IPI	Age- adjusted	IPI 5-year	Age- adjusted IPI	Rituximab-era	
				ĪPI	ÓS	5-year OS	3-year OS	
		Low	0 to 1	0	73%	83%	91%	
overall survival	; ULN = upper limit of	Low/intermedia	ate 2	1	51%	69%	80%	
al.	J Med. 1993;329:987-994;	High/intermedia	ate 3	2	43%	46%	65%	
	Dncol. 2010;28(14):2373-	High	4 or 5	3	26%	32%	59%	



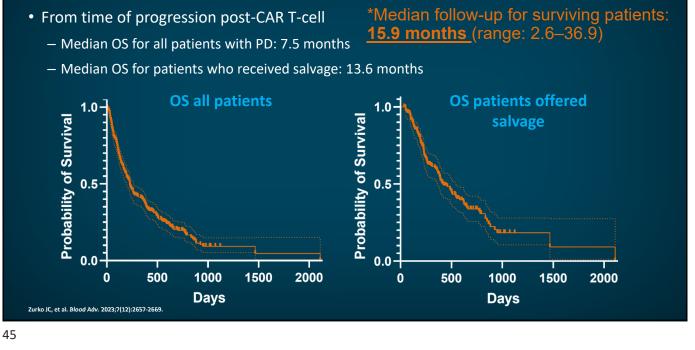
Bartlett NJ, et al. J Clin Oncol. 2019;37:1790-1799. Crump M, et al. Blood. 2013;122(21):371. Cunningham D, et al. J Clin Oncol. 2011;29(suppl 15); Abstract 8000. Davies A, et al. Lancet Oncol. 2019;20:649-662. Habermann TM, et al. J Clin Oncol. 2006;24:312-3127. Jager U, et al. Haematologica. 2015;100:955-963. Lamy T, et al. Blood. 2018;31:174-181. Lowry L, et al. Rediother Oncol. 2011;100(1):86-92. Nowakowski GS, et al. J Clin Oncol. 2021;39:131-134-181. Lowry L, et al. Rediother Oncol. 2011;100(1):86-92. Nowakowski GS, et al. J Clin Oncol. 2021;39:131-1328. Récher C, et al. Lancet. 2011;378:1858-1867. Sehn LH, et al. J Hematol Oncol. 2020;13:71. Stiff PJ, et al. J Clin Oncol. 2011;29; Abstract 8001. Thieblemont C, et al. Blood. 2020;136(suppl 1):30-31. Witzig TE, et al. Ann Oncol. 2018;29:707-714. Younes A, et al. J Clin Oncol. 2019;37:1285-1295.

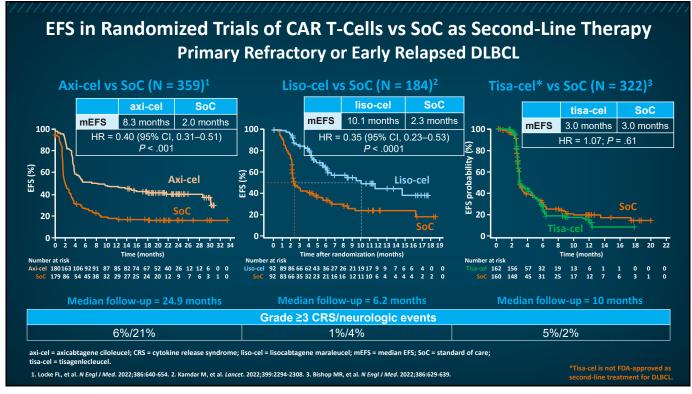


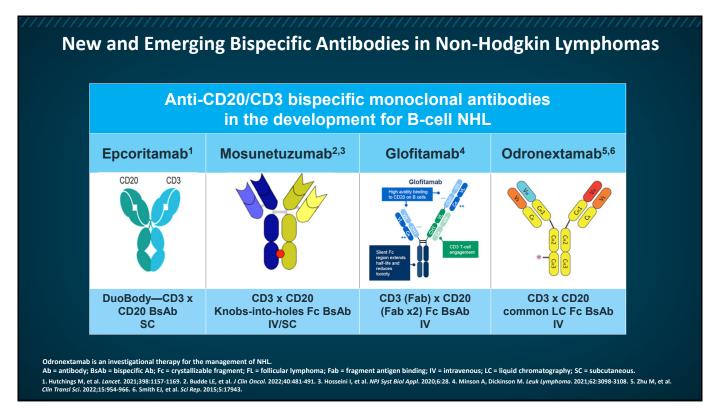


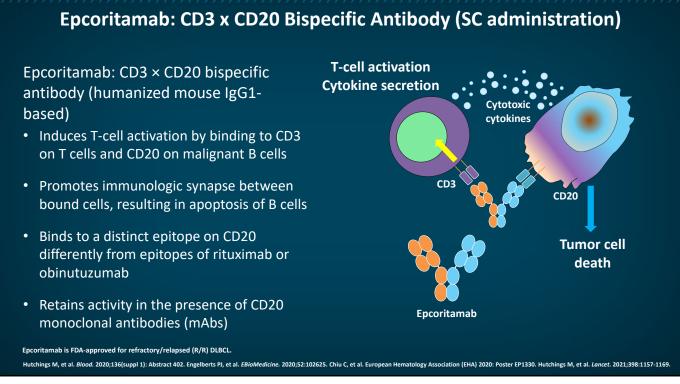


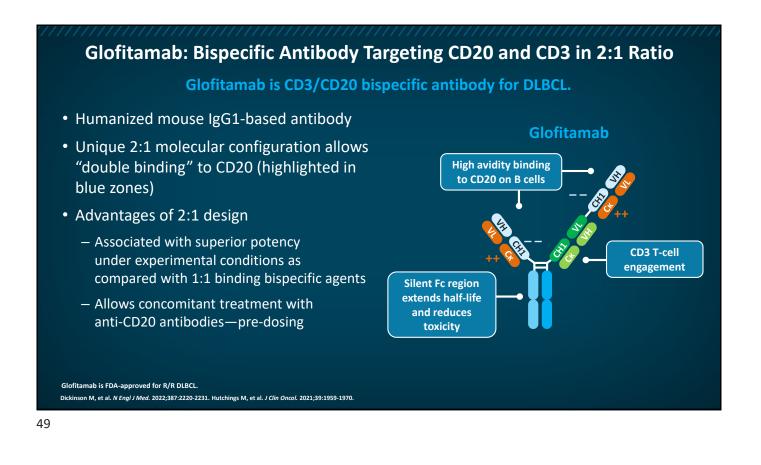
# US Retrospective Analysis of Patients for Whom CAR T-Cell Therapy Failed (n = 284)

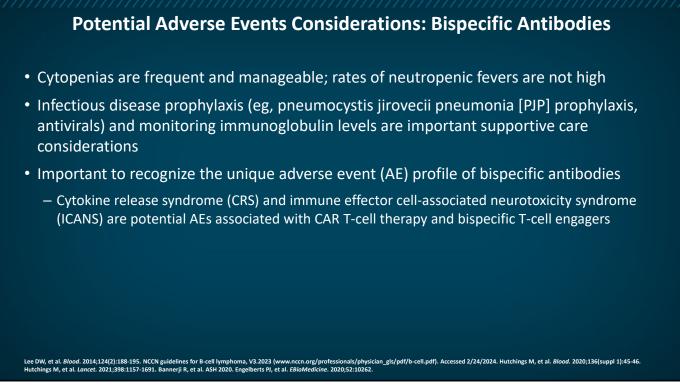




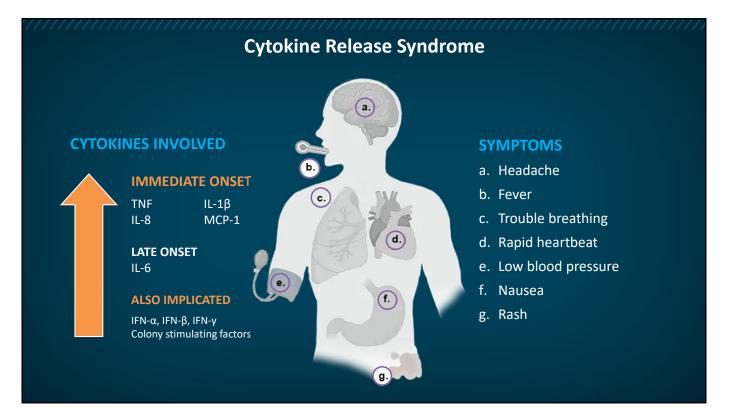








	N/disease	Grade 1 to 4 CRS	Grade ≥3 CRS	Grade 1 to 4 neurotoxicity	Grade ≥3 neurotoxicity
Glofitamab	N = 155/ DLBCL	63%	3% (Grade ≥2 12%)	8%	3%
Epcoritamab	N = 157/ LBCL	49.7%	2.5%	6.4%	0.6%
			II		



Cytokine Release Syndrome: ASTCT Grading								
ASTCT CRS Consensus Grading								
CRS parameter	Grade 1	Grade 2	Grade 3	Grade 4				
Fever*	Temperature ≥38°C	Temperature ≥38°C	Temperature ≥38°C	Temperature ≥38°C				
			With					
Hypotension	None	Not requiring vasopressors	Requiring vasopressor with or without vasopressin	Requiring multiple vasopressors (excluding vasopressin)				
			And/or <sup>†</sup>					
Hypoxia	None	Requiring low-flow nasal cannula <sup>‡</sup> or blow-by	Requiring high-flow nasal cannula <sup>‡</sup> , nonrebreather mask, or Venturi mask	Requiring positive pressure (eg, CPAP, BiPAP, intubation, and mechanical ventilation)				

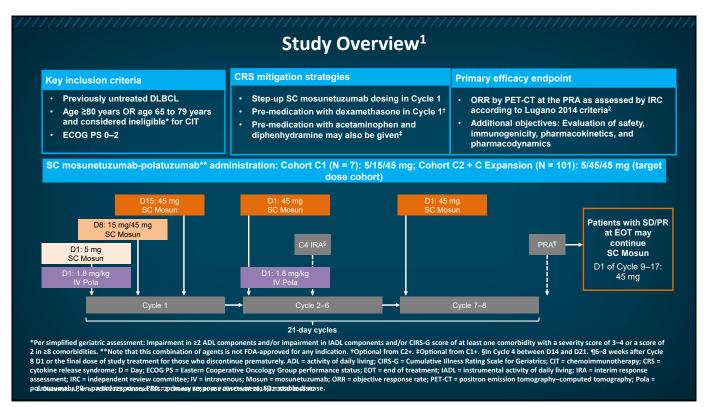
other cause. In patients who have CRS then re table to an okine therapy such as tocili oids, fever is no longer required to grade s ter is beinned as temperature 236 C not attributable to any other cause. In patients who have CKS other technic anticytoxine the severity. In this case, CRS grading is driven by hypotension and/or hypoxia. † CRS grade is determined by the more severe event. Hypotensioi perature of 39.5° C, hypotension requiring 1 vasopressor, and hypoxia requiring low-flow nasal cannula is classified as grade 3 CRS. ‡ Low-flo -by oxygen delivery, sometimes used in pediatrics. High-flow nasal cannula is defined as oxygen delivered at >6 L/minute. ion or hypoxia not attributable to any other cause. For low nasal cannula is defined as oxygen delivered at <6 CRS s includes ASTCT = American Society for Transplantation and Cellular Therapy.

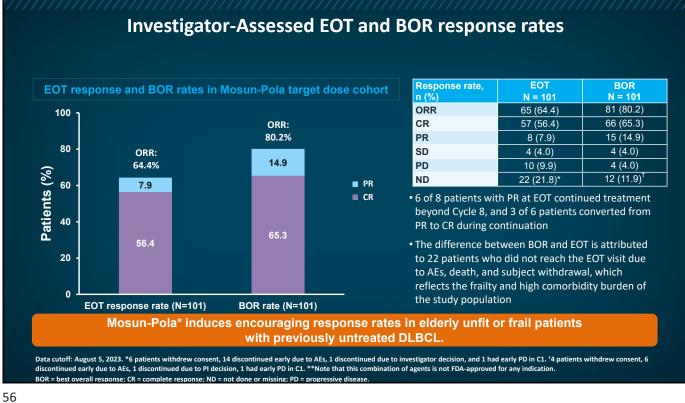
Lee D, et al. Biol Blood Marrow Transplant. 2019;25(4):625-638.

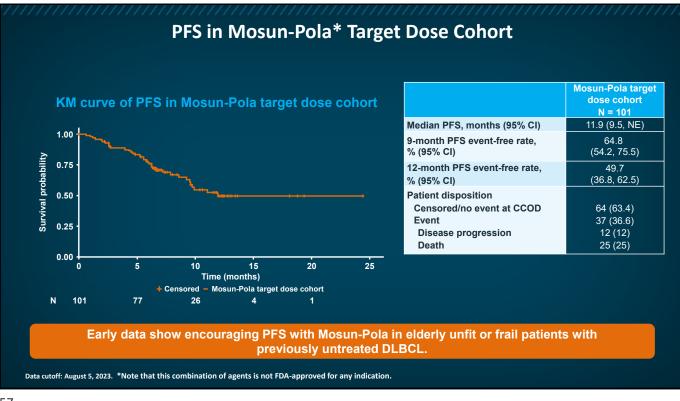
53

### **Future Unmet Needs to Address**

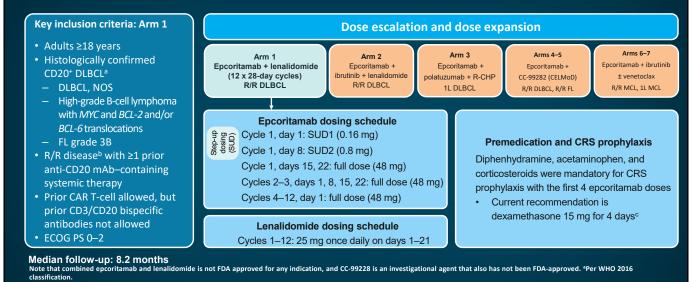
- Chemotherapy-free regimens in frontline setting for frail/elderly patients
- Enhancing the efficacy of frontline treatments
- Management and prevention of CAR T-cell failure
- Developing chemotherapy-free approaches in the R/R setting





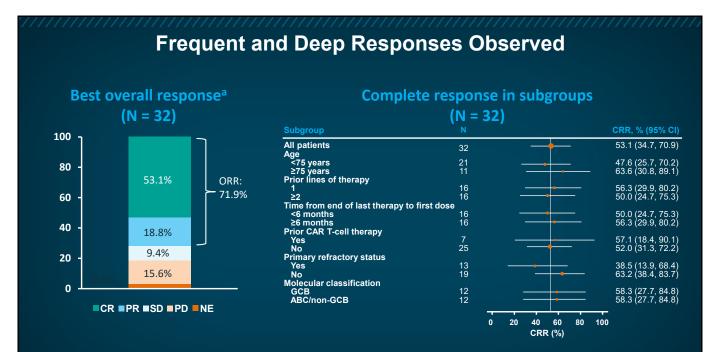


# Chemotherapy-Free Regimens in R/R DLBCL (EPCORE NHL-5) (NCT05283720)



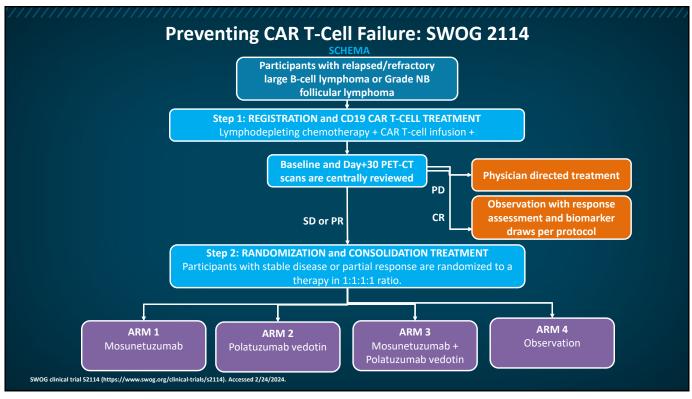
<sup>b</sup>Relapsed disease is defined as disease that previously responded to therapy but progressed ≥6 months after completion of therapy. Refractory disease is defined as disease that either progressed during therapy, failed to achieve an objective response to prior therapy, or progressed within 6 months after completion of therapy (including maintenance therapy). <sup>c</sup>Additional information can be found in the following presentation: Vose J, et al. ASH 2023; Abstract 1729.

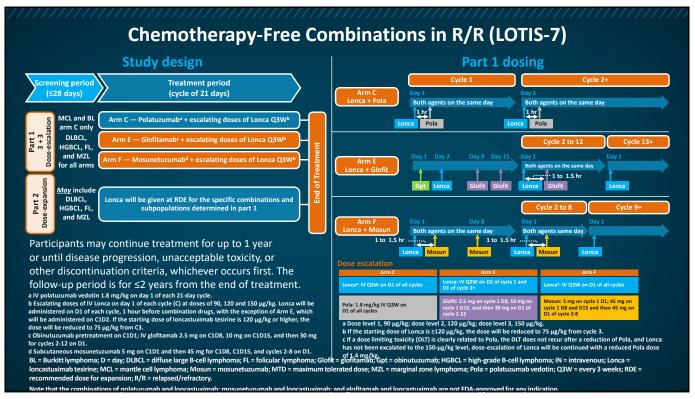
Avivi Mazza, et al. ASH 2023; Abstract 438.

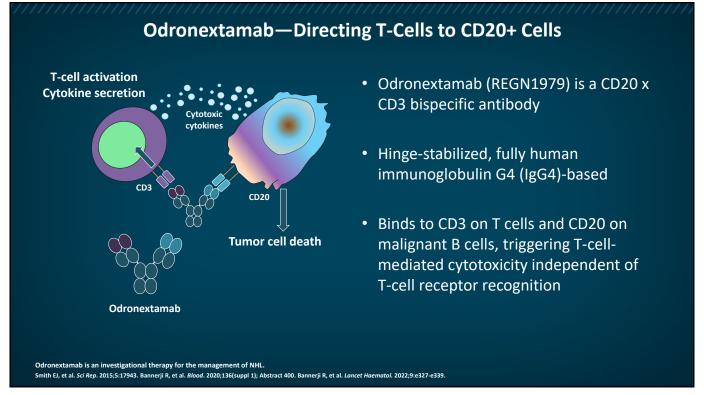


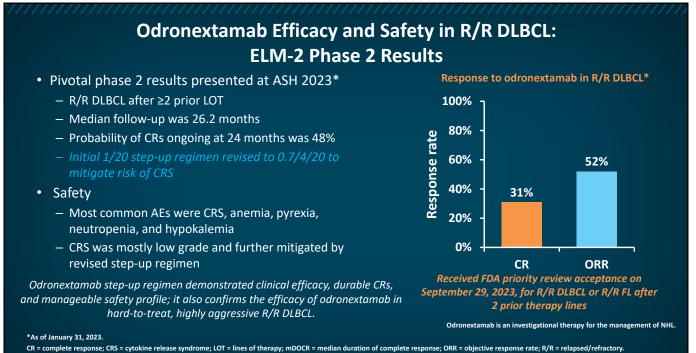
Data cutoff: October 6, 2023.

<sup>a</sup>Based on response-evaluable population, defined as patients with measurable disease at baseline and ≥1 postbaseline disease evaluation, or who had died within 60 d of the first dose of study drug without a postbaseline assessment. Note that combined epcoritamab and lenalidomide is not FDA-approved for any indication.









Odronextamab is an investigational agent for the management of NHL.

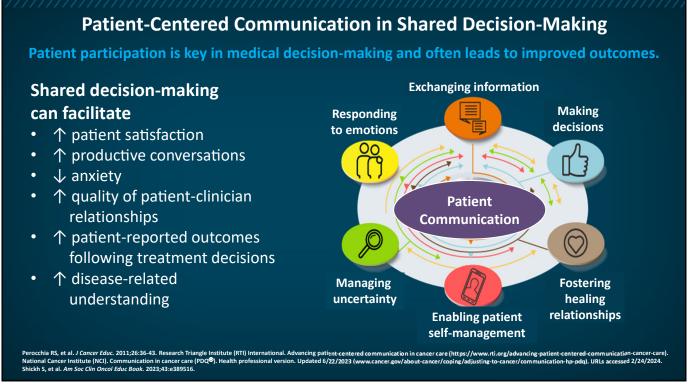
Walewski J, et al. EHA 2023; Abstract P1115 (https://library.ehaweb.org/eha/2023/eha2023congress/385565/jan.walewski.odronextamab.in.patients.with.relapsed.refractory.diffuse.large.html?f=menu%3D16%2Abrowseby% 3D8%2Asortby%3D2%2Ace\_id%3D2489% 2Aot\_id%3D27893% 2Atrend%3D4016%2Amarker%3D4178). Accessed 2/24/2024. Ayyapan S, et al. Blood. 2023;142(suppl 1):436.

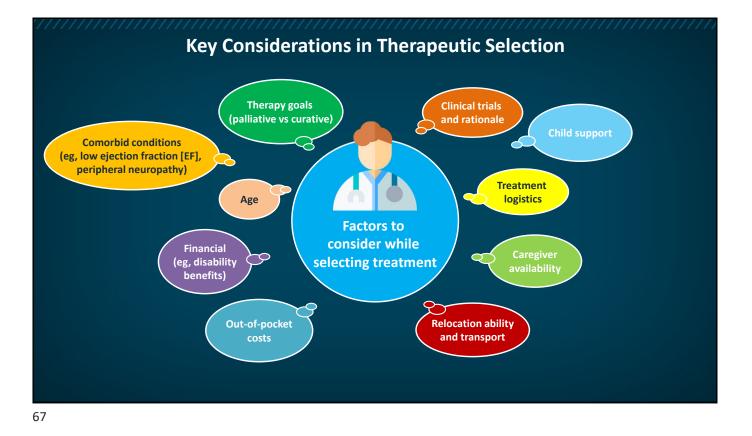
63

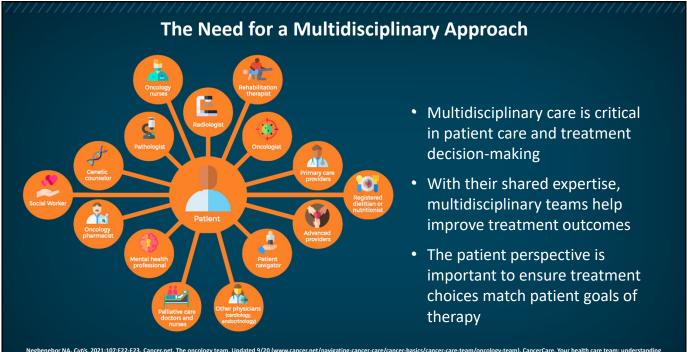
Bispecific antibody	Trial ID	Phase	ORR (in DLBCL/ aggressive lymphomas)	Most common AE/ grade 3 or higher AE
TNB-486	NCT04594642	1	40%	CRS (59%)/ Iymphopenia (26%)
GB261	NCT04923048	1/2	73%	COVID-19 infection (40%)/not reported
Imvotamab	NCT04082936	1	N/A	Not reported/ neutropenia (25%)
Plamotamab	NCT02924402	1	47.4%	CRS (72%)/anemia (19.4%)

The agents listed in this table are investigational and have not yet been FDA-approved for these indications. Hou J-Z, et al. Blood. 2022;140(suppl 1):1474-1475. Song Y, et al. Blood. 2023;142(suppl 1):1719-1719. Budde E, et al. Blood. 2020;136:45-46. Patel K, et al. Blood. 2022;140(suppl 1):9470-9472.









Negbenebor NA. Cutis. 2021;107:E22-E23. Cancer.net. The oncology team. Updated 9/20 (www.cancer.net/navigating-cancer-care/cancer-basics/cancer-care-team/oncology-team). CancerCare. Your health care team: understand their roles. Updated 1/7/2021 (www.cancercare.org/publications/59-your\_health\_care\_team\_understanding\_their\_roles). American Cancer Society (ACS). Health professionals associated with cancer care. Updated 8/7/19 (www.cancer.org/content/dam/CRC/PDF/Public/6059.00.pdf). National Cancer Institute (NCI). People in health care. Updated 11/12/21 (www.cancer.gov/about-cancer/ane.aging-care/services/providers). Memorial Sloan Kettering Cancer Center. Your cancer care team (www.mskcc.org/cancer-care/diagnosis treatment/your-care-team). URLs accessed 2/24/2024. Ahmed Hz, et al. Cureus. 2023;15:e34633.