

Bispecifics in DLBCL

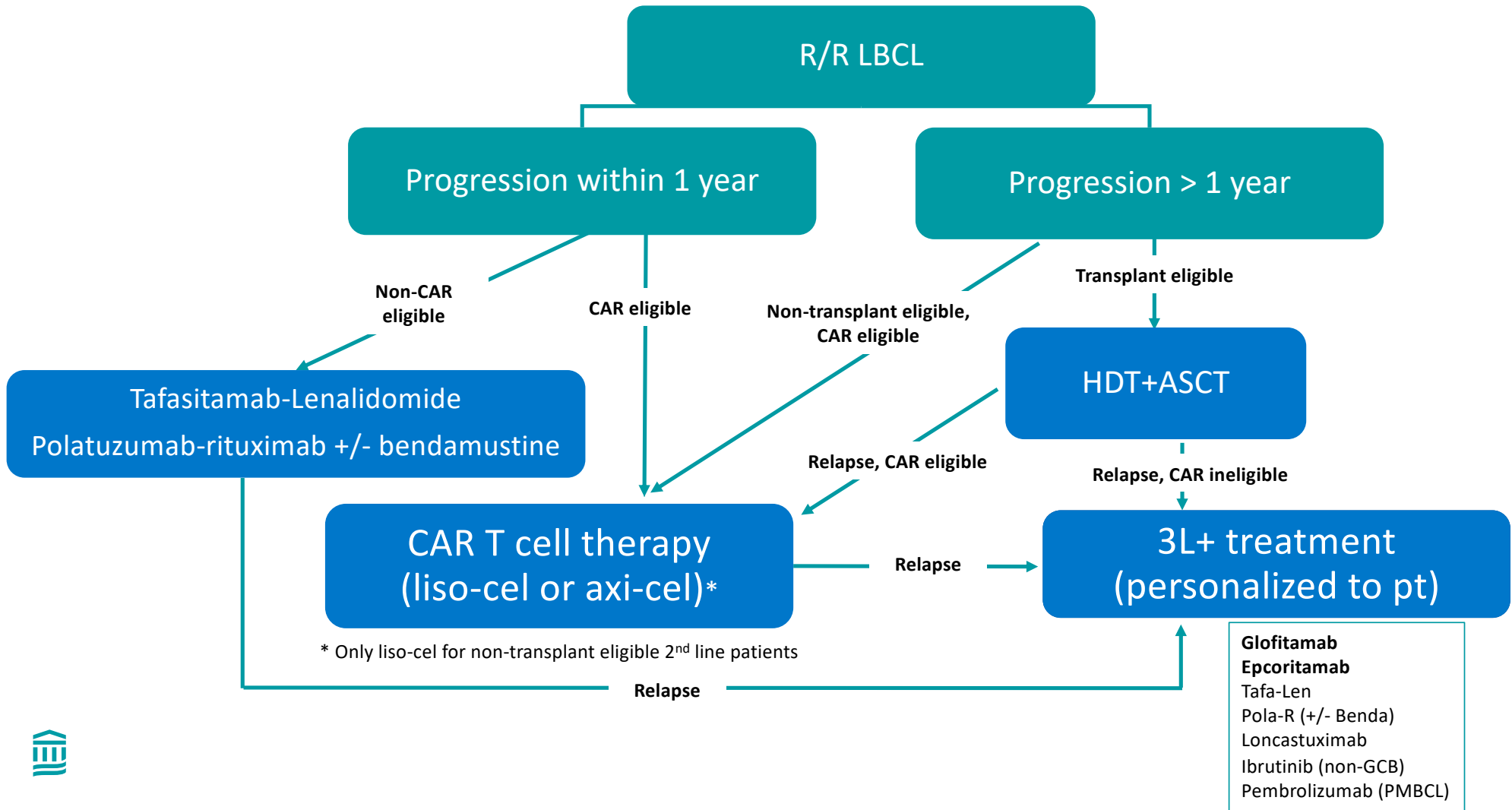
Jeremy S. Abramson, MD, MMSc

Disclosures for Jeremy Abramson

Consulting for AbbVie, Astra-Zeneca, BeiGene, Bristol Myers Squibb, Caribou Biosciences, Cellerar, Genentech, Gilead, Incyte, Interius, Janssen, Lilly, Novartis, Roche, Takeda

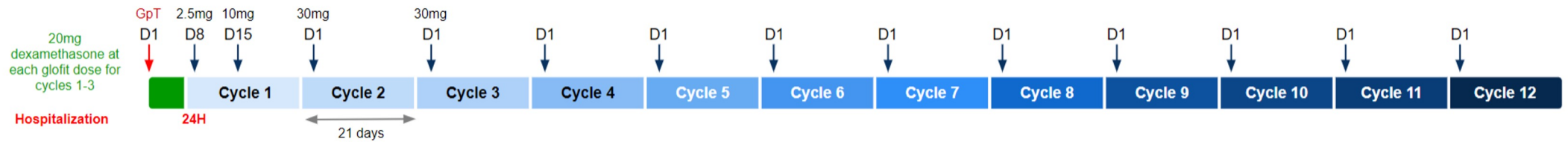


My current algorithm for relapsed/refractory DLBCL

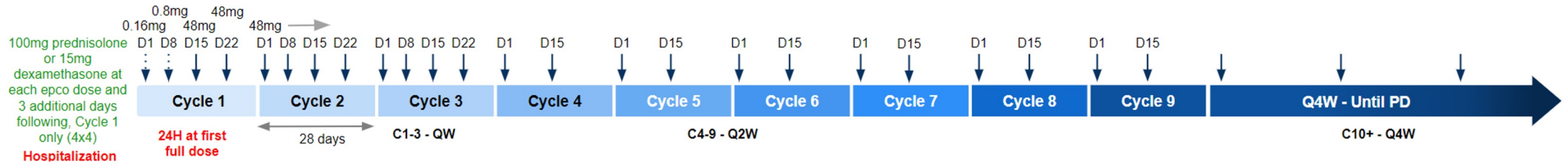


Glofitamab and Epcoritamab Schedules

Glofitamab IV



Epcoritamab SC



Glofitamab in Relapsed/Refractory LBCL

Fixed duration therapy

- Glofitamab IV administration fixed dose with step-up dosing during C1 (target dose: 16mg or 30mg) q21 days
- Obinutuzumab pretreatment (1 x 1000mg) to mitigate CRS
- Fixed duration treatment maximum 12 cycles (8.3 months)

Baseline Characteristics	N=154
Median age (range)	66 (21-90)
Median prior tx (range)	3 (2-7)
Prior ASCT	28 (18%)
Prior CAR	51 (33%)
Refractory to last tx	132 (86%)

Best response

ORR: 52%

CRR: 40%

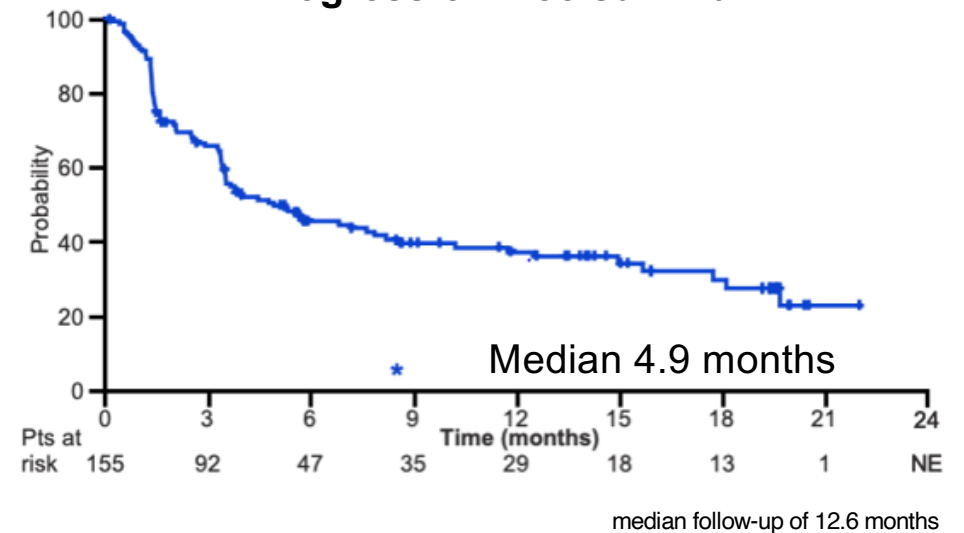
Median DoR: 18 mo

Median DoCR: 27 mo



Dickinson, et al. NEJM 2022, Dickinson, et al. ICML 2023; Hutchings, et al. ASH 2022 Hutchings, et al.; ASH 2023

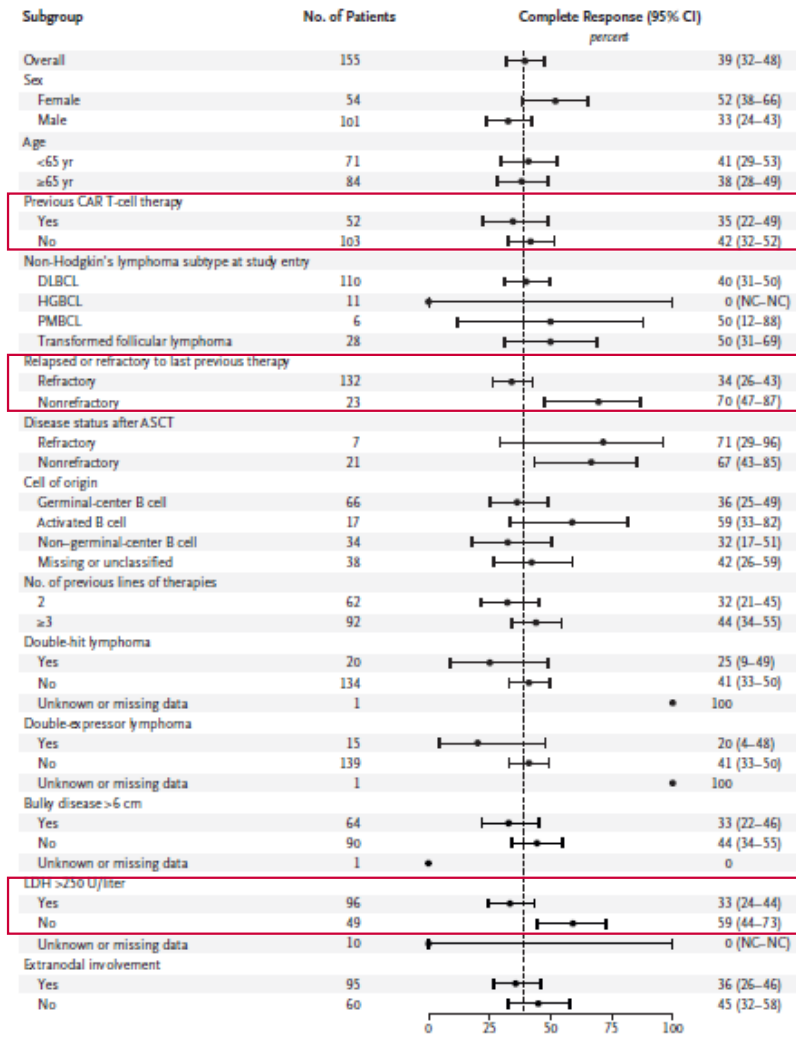
Progression-free survival



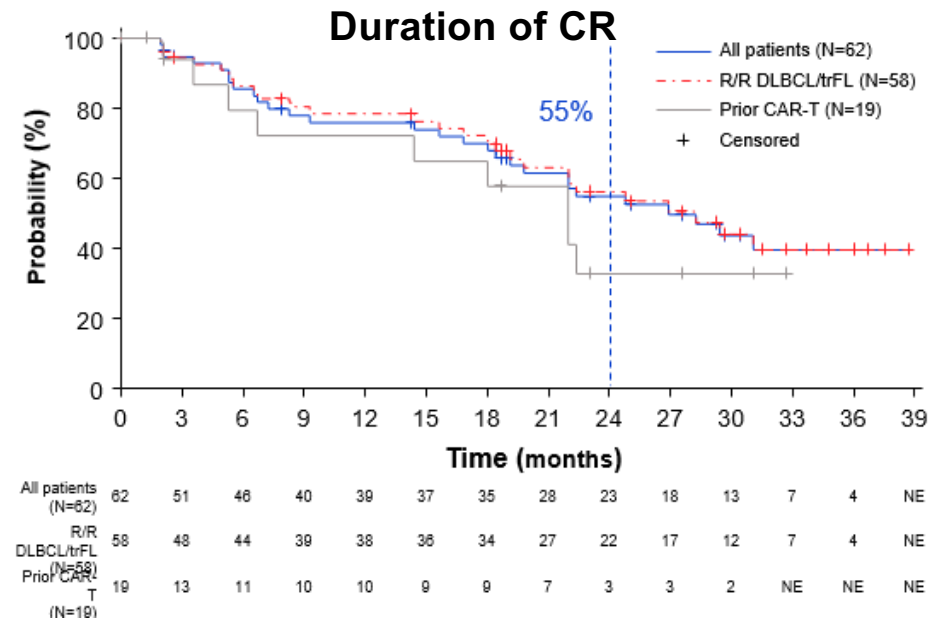
Notable Adverse Events

- CRS: 63% (grade 3-4: 4%)
- ICANS: 8% (grade 3-4: 3%)
- Neutropenia: 38%

Glofitamab Complete Responders



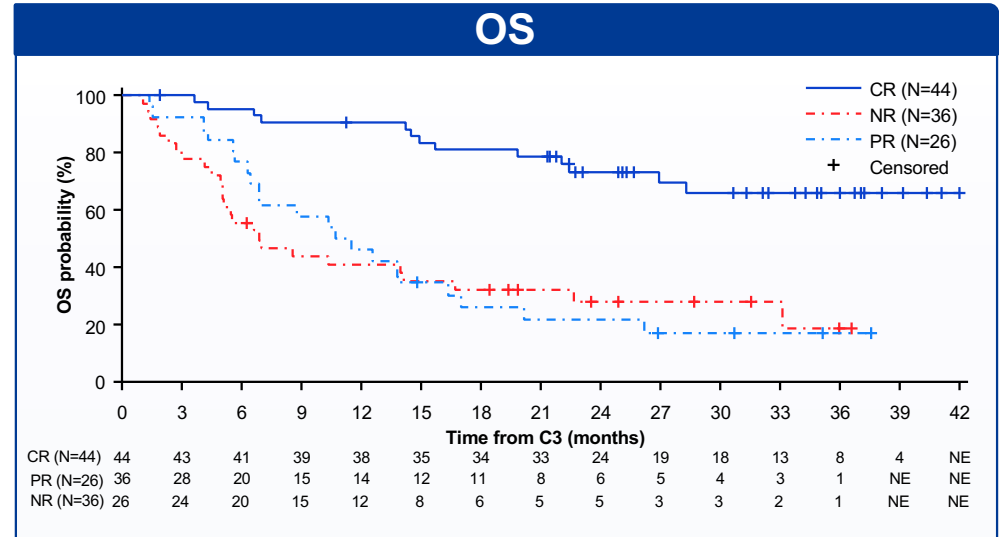
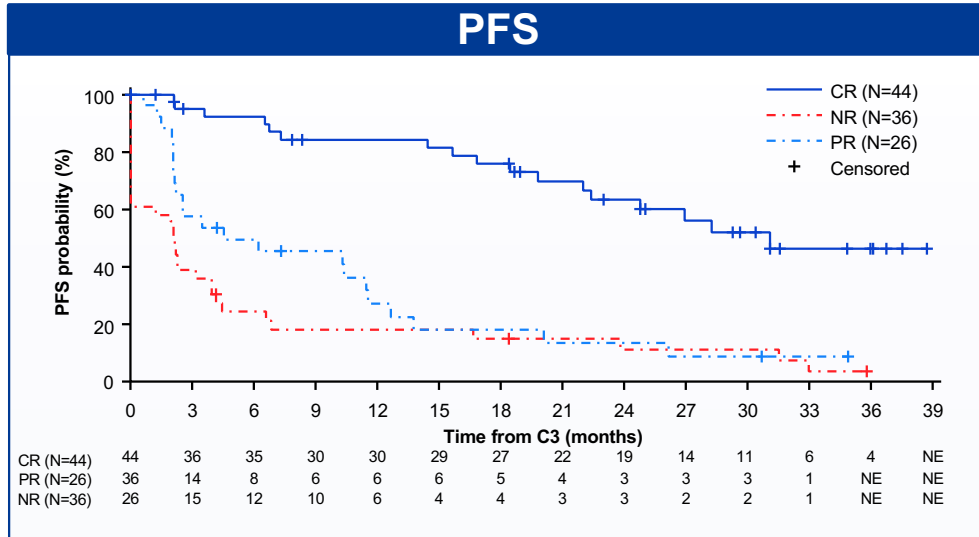
	All patients (N=155)	R/R DLBCL/trFL (N=132)	Prior CAR-T (N=52)
ORR, n (%)	80 (52)	74 (56)	26 (50)
CR rate, n (%)	62 (40)	58 (44)	19 (37)
Median DOCR, mo	27	28	22
24-month DOCR, %	55	56	33



32 months median follow-up



Glofitamab Landmark Analysis at 3 months



Epcoritamab in Relapsed/Refractory DLBCL

Treatment until progression or intolerance

Median 9 cycles, 23% continued at data cutoff

Baseline Characteristics	N=157
Median age (range)	64 (20-83)
Median prior tx (range)	3 (2-11)
Prior ASCT	31 (20%)
Prior CAR	61 (39%)
Refractory to last tx	130 (83%)

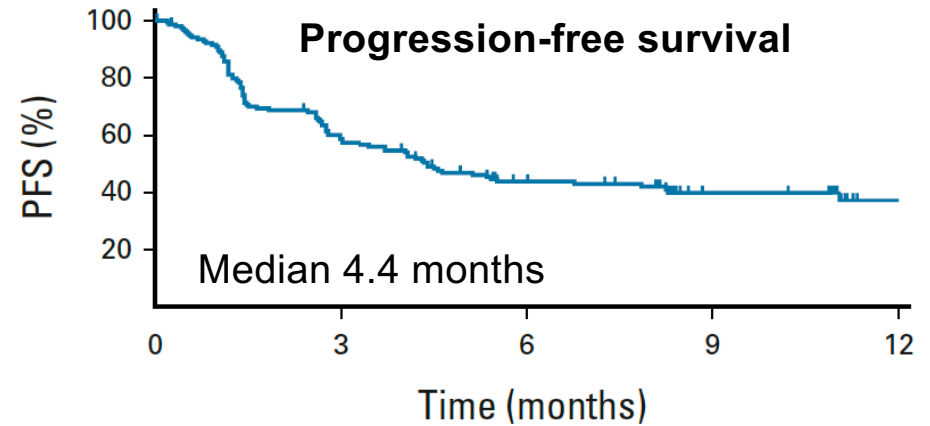
Best IRC-assessed overall response

ORR: 63%

CRR: 39%

Median DoR: 12.0 mo

Median DoCR: 21 mo (68% at 15 mo)



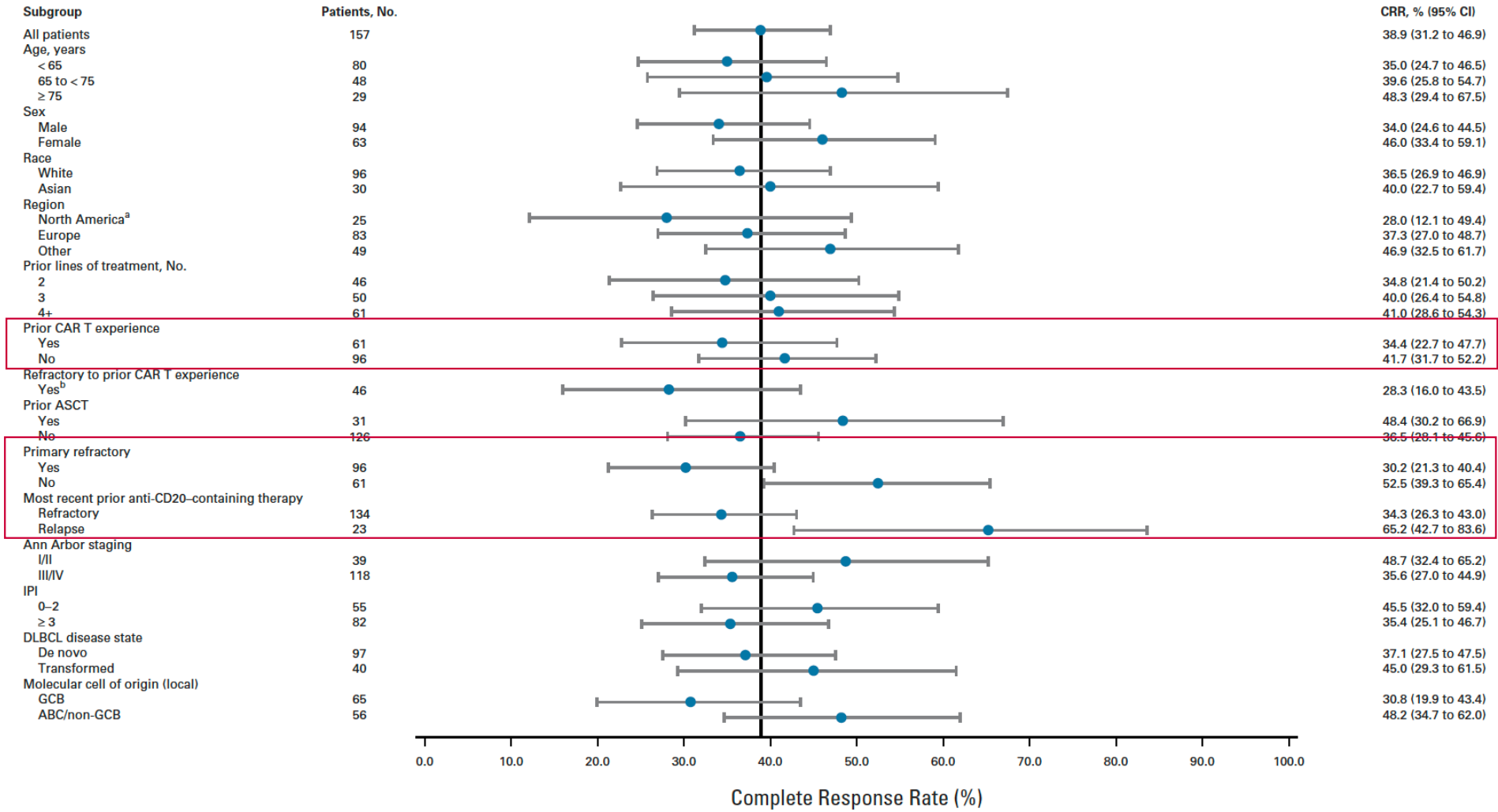
No. at risk:

— 157 86 51 28 5

Notable Adverse Events

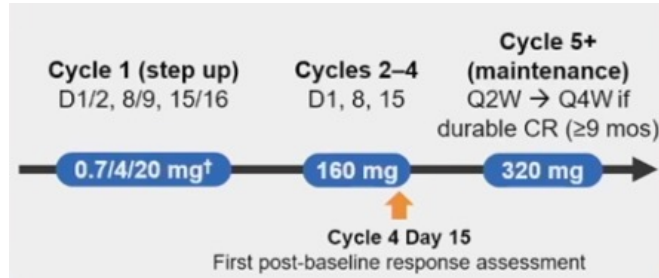
- CRS: 50% (grade 3-4: 2.5%)
- ICANS: 6% (grade 3-4: 0.6%)
- Neutropenia: 22% (grade 3-4: 15%)
- Injection site reactions 20%

Epcoritamab in Relapsed/Refractory DLBCL



Odronextamab in Relapsed/Refractory DLBCL

Treatment until progression or intolerance



Baseline Characteristics	N=127
Median age (range)	67 (24-88)
Median prior tx (range)	2 (2-8)
Prior ASCT	16%
Double/triple hit	20%
Refractory to last tx	86%

Best IRC-assessed response (n=27)

ORR: 52%

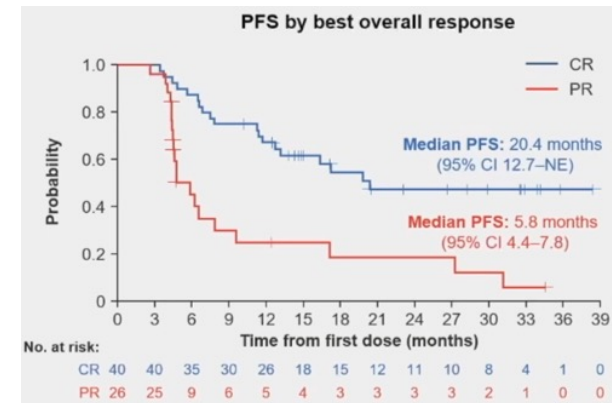
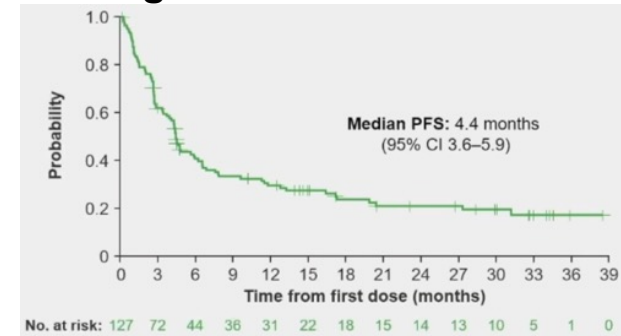
CRR: 32%

Median DoR: 10 mo

Median DoCR: 18 mo



Progression-free survival

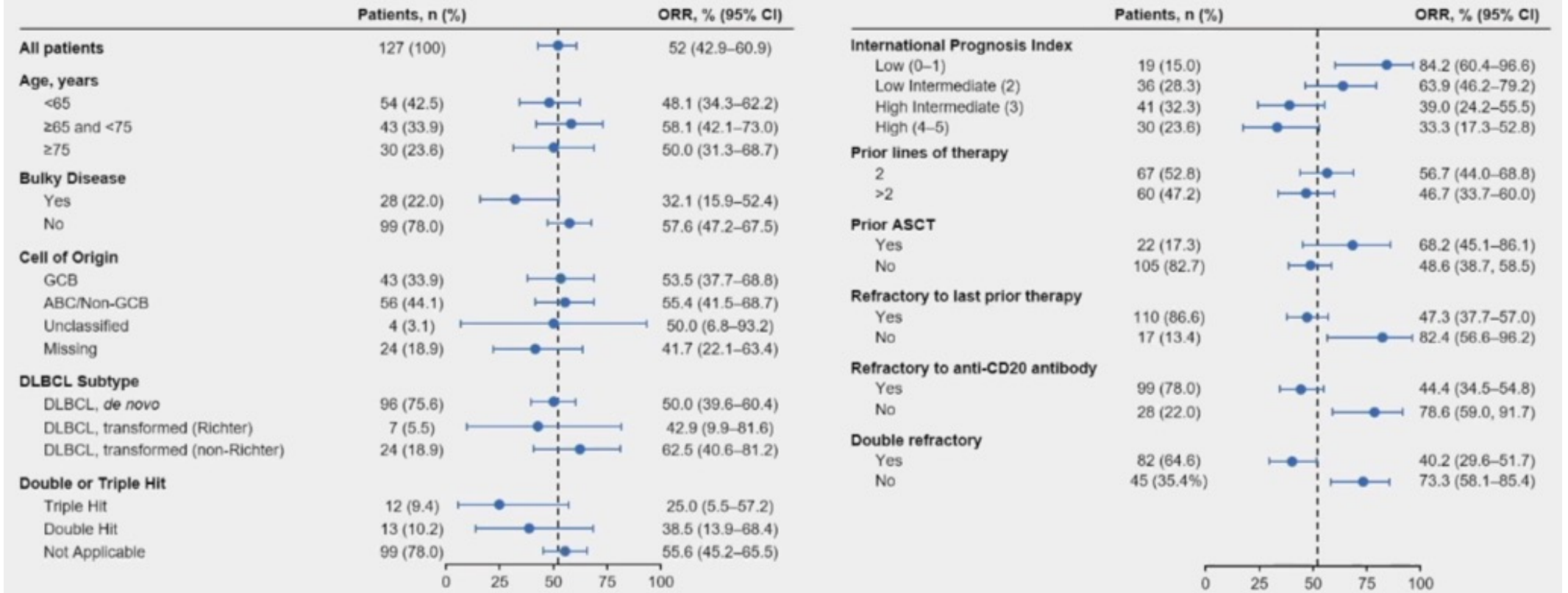


Notable Adverse Events

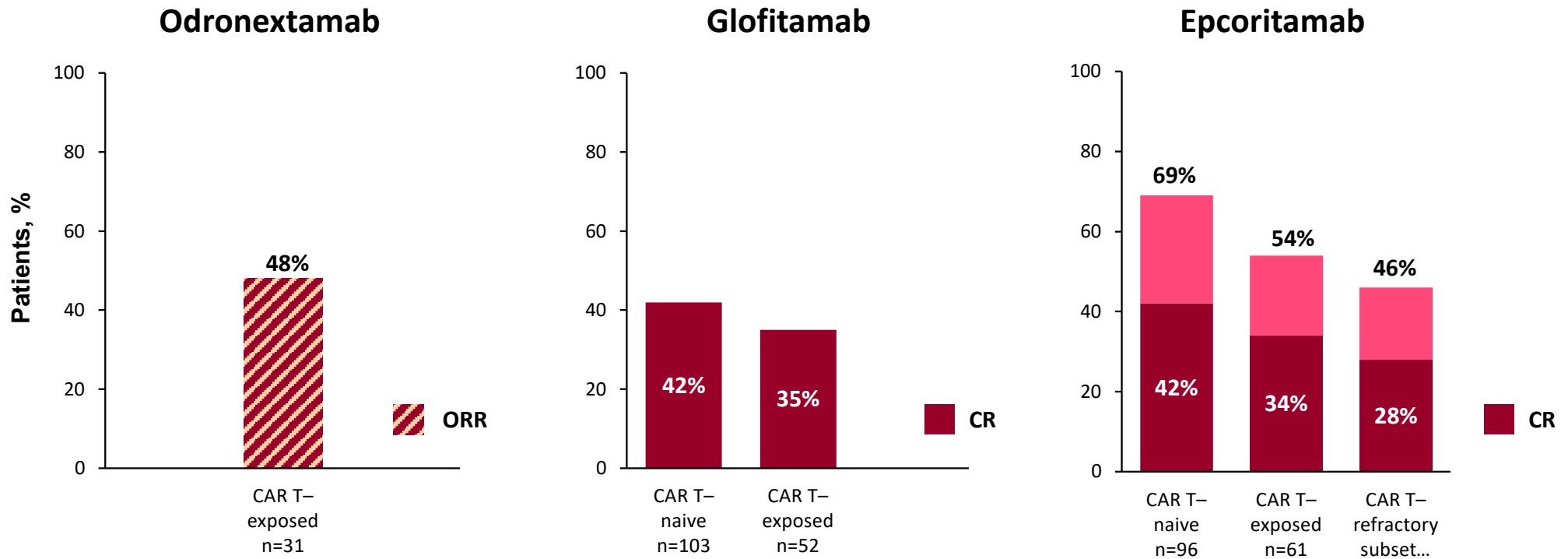
- CRS: 55% (grade 3: 4%)
- ICANS: 3% (grade 3: 1%)
- Neutropenia: 31%

Odronextamab Forest Plot for ORR

Subgroup analysis of ORR



Bispecific antibodies remain effective in CAR T exposed patients



Bispecific combinations in DLBCL



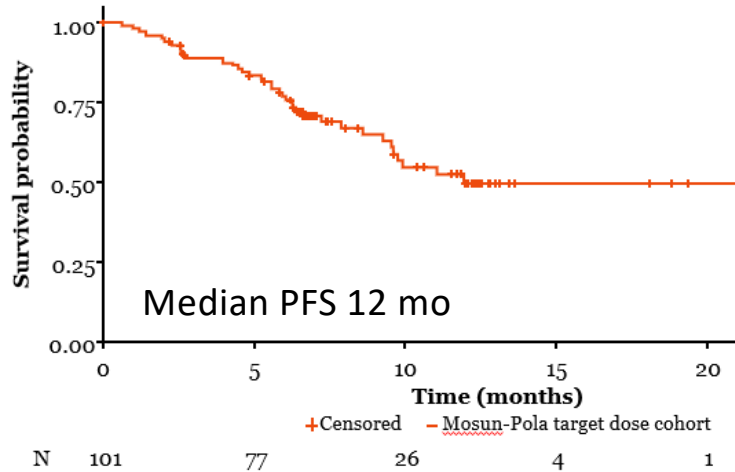
Upfront Chemo Combinations

- Epcoritamab + R-CHOP (n=47): ORR 100%, CR 76% Falchi, et al. Proc ASCO 2023
- Epcoritamab + R-mini-CHOP (n=28): ORR 100%, CR 85% Vermaat, et al. Proc ASH 2023
- Glofitamab + R-CHOP (n=29): ORR 95%, CR 85% Falchi, et al. Proc ASH 2023
- Glofitamab + R-CHOP (n=56): ORR 93%, CR 84% Topp, et al. Proc ASH 2023
- Glofitamab + Pola-R-CHOP (n=24): ORR 100%, CR 92% Topp, et al. Proc ASH 2023

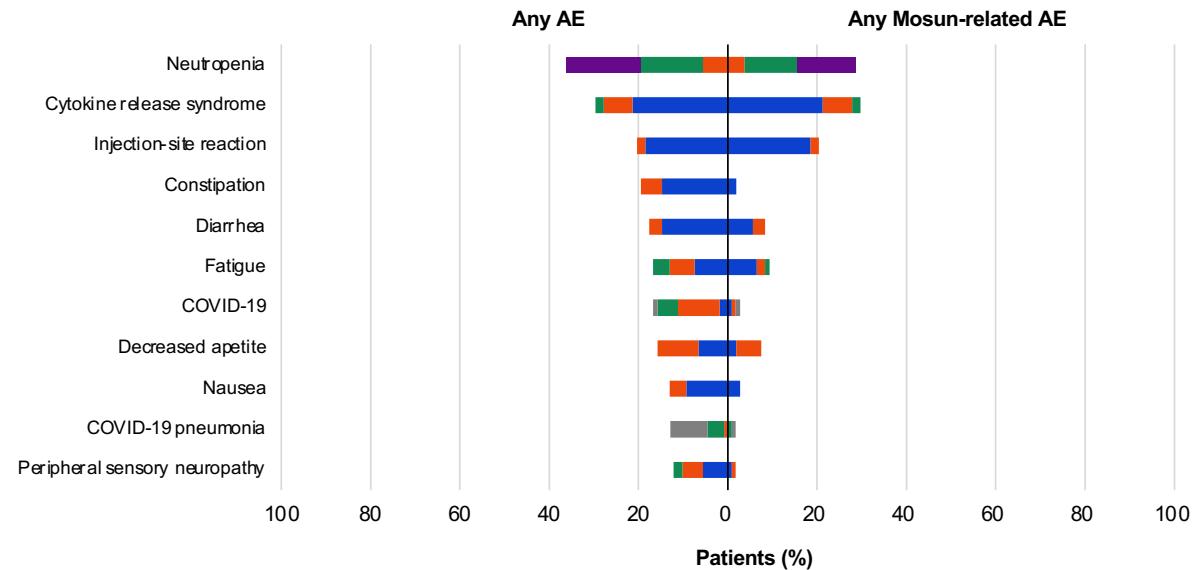


Mosunutezumab – Polatuzumab as Initial Therapy (n=108)

- Age ≥ 80 , or ≥ 65 with and chemo-ineligible
- Median age 81 (66–94)
- 107/108 unfit or frail by simplified geriatric assessment
- 8-17 cycles based on response
- Best ORR 80%, CR 65%



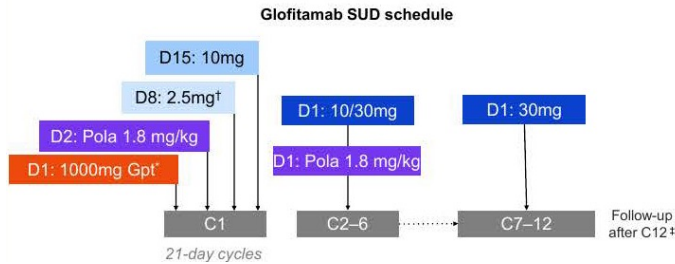
AEs by preferred term in $\geq 10\%$ of patients by grade and relationship to study treatment



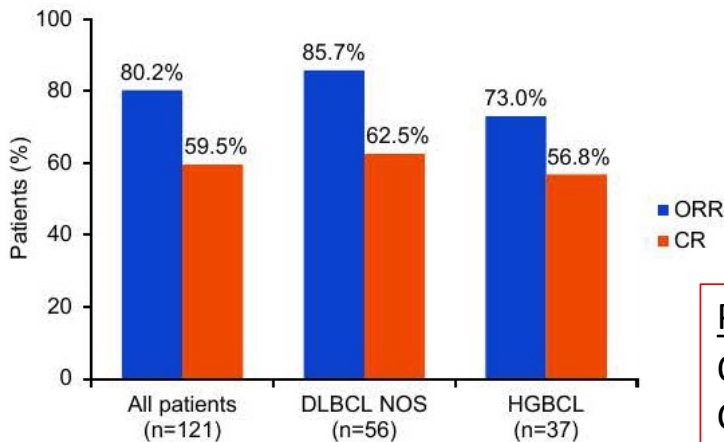
- CRS Any grade 30%, Grade 3 2%
- Fatal adverse events in 17%, COVID most common



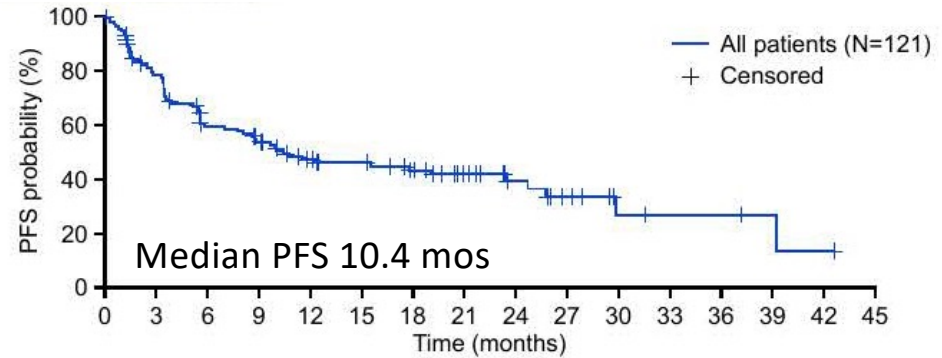
Glofitamab-Polatumuzumab in R/R DLBCL (n=125)



Characteristic	N=125
Median age	67 (23-84)
Median prior lines	2 (1-7)
Refractory to last tx	72%
Prior CAR	22%



Prior CAR
ORR 78%
CRR 48%

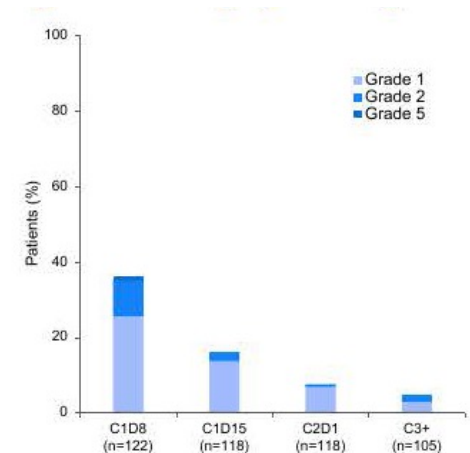


No. at risk: 121 90 62 53 41 37 31 22 14 9 4 3 3 2 1 NE

n=122*	
CRS, n (%)	
Any grade	56 (45.9)
Grade 1	36 (29.5)
Grade 2	19 (15.6)
Grade 5†	1 (0.8)
Serious AE (any grade)	37 (30.3)
Median time to CRS onset after glofitamab dose, hours (range)	
2.5mg	16.2 (5.4–42.1)
10mg	35.9 (8.9–129.5)
30mg	36.2 (18.5–55.9)

*122/125 patients who received ≥1 dose of glofitamab.

†Patient (aged 73, with advanced HGBCL and multiple CRS risk factors) developed Grade 3 CRS (with a background of urosepsis and herpetic stomatitis) and declined further intensive management for CRS, resulting in fatal outcome.



Bispecific antibodies in DLBCL

- I currently reserve for relapsed/refractory patients who are post CAR or cannot get to CAR
- Selection of product is personalized to the patient (schedule, continuous vs. time limited, IV vs SC, etc)
- Combination strategies are appealing and warrant ongoing evaluation in relapsed/refractory as well as previously untreated disease



Thank you for your attention!



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