

Overview of the treatment algorithm for R/R patients ineligible for CAR-T and ABMT: current picture and potential new drugs

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Disclosures for Stephen Ansell, MD, PhD

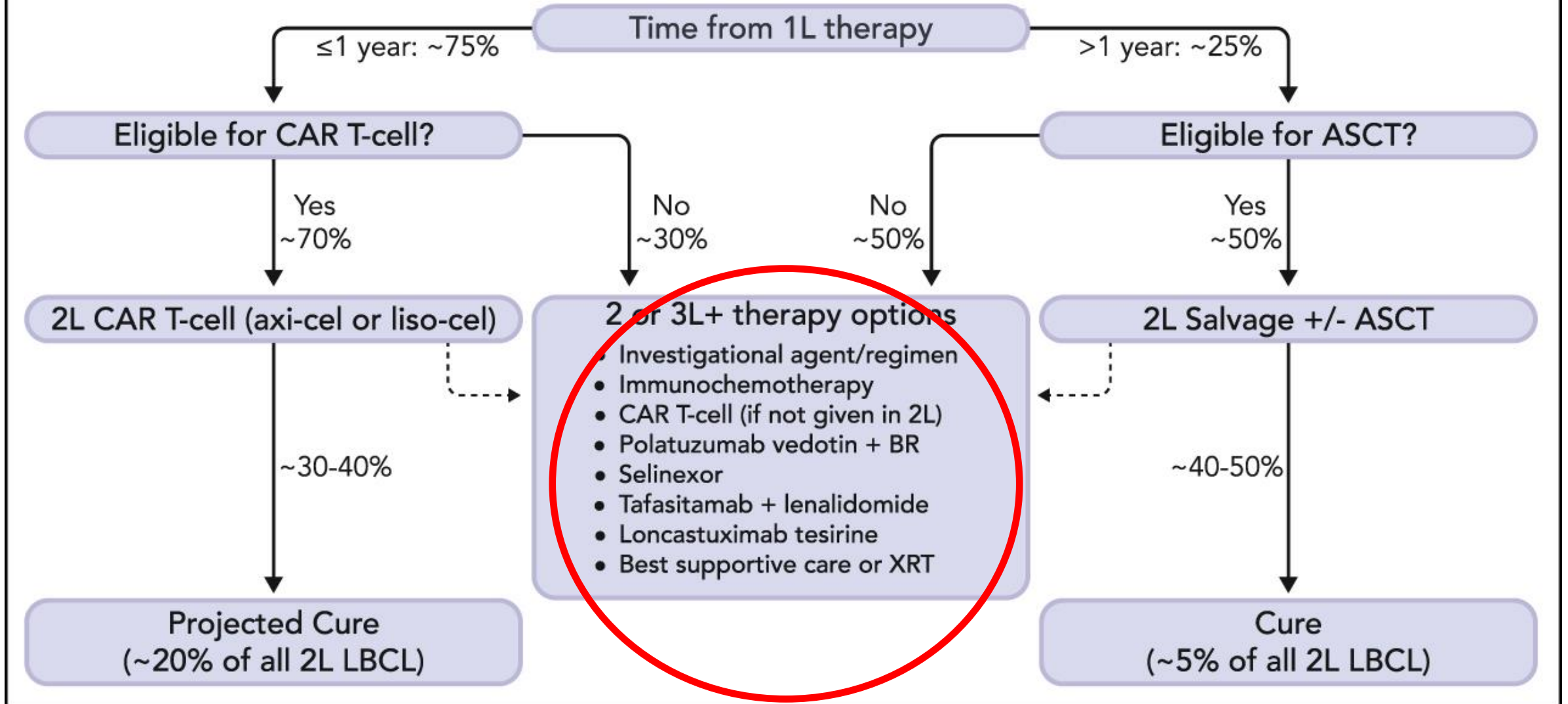
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Therapy for large B-cell lymphoma

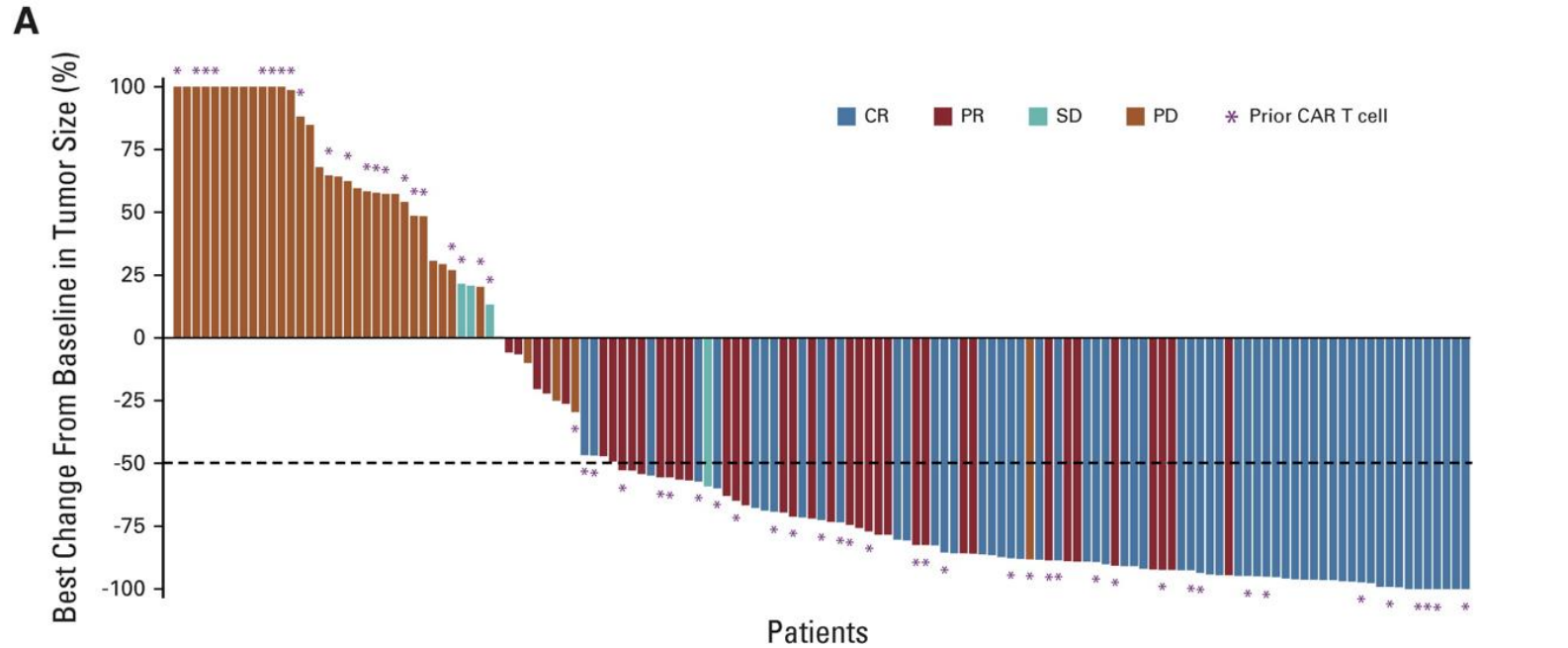
Algorithm for Second-line Therapy of LBCL



Questions that may influence treatment decisions

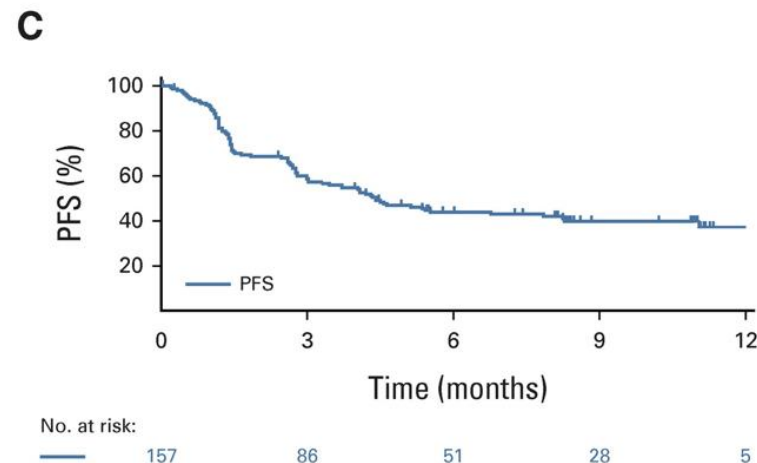
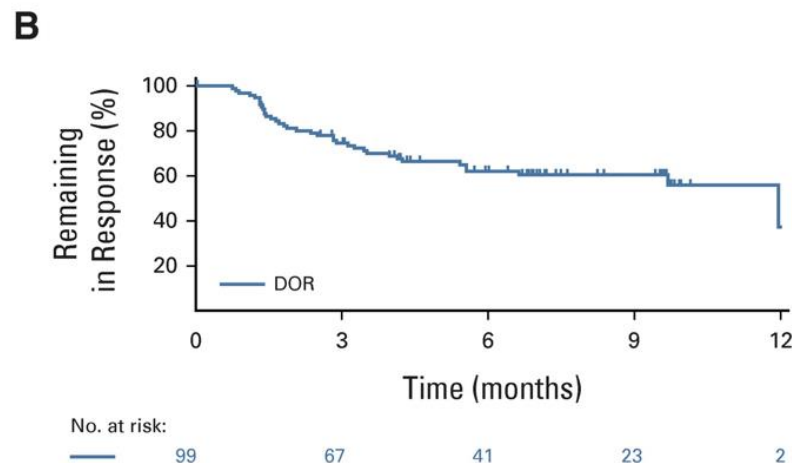
- Which agents were given before – would you give brentuximab vedotin if the patient received polatuzumab vedotin in first-line?
- Do you want to use a similar treatment strategy versus a different one – is an immunotherapeutic approach with a bispecific antibody the best choice if a patient just progressed on CAR T cell treatment?
- Should you direct therapy at the same target as before – should you target CD19 with tafasitamab as the next line after CD19 CAR T cell therapy?
- Should you give treatment that has similar side effects – should you give a bispecific if very immunosuppressed, or cytotoxic therapy if neutropenic?
- How long do you plan to treat (tolerability over time) – is this treatment a bridge to another therapy or do you plan to treat to progression?

Bispecific Antibody - Efficacy of Epcoritamab in R/R DLBCL

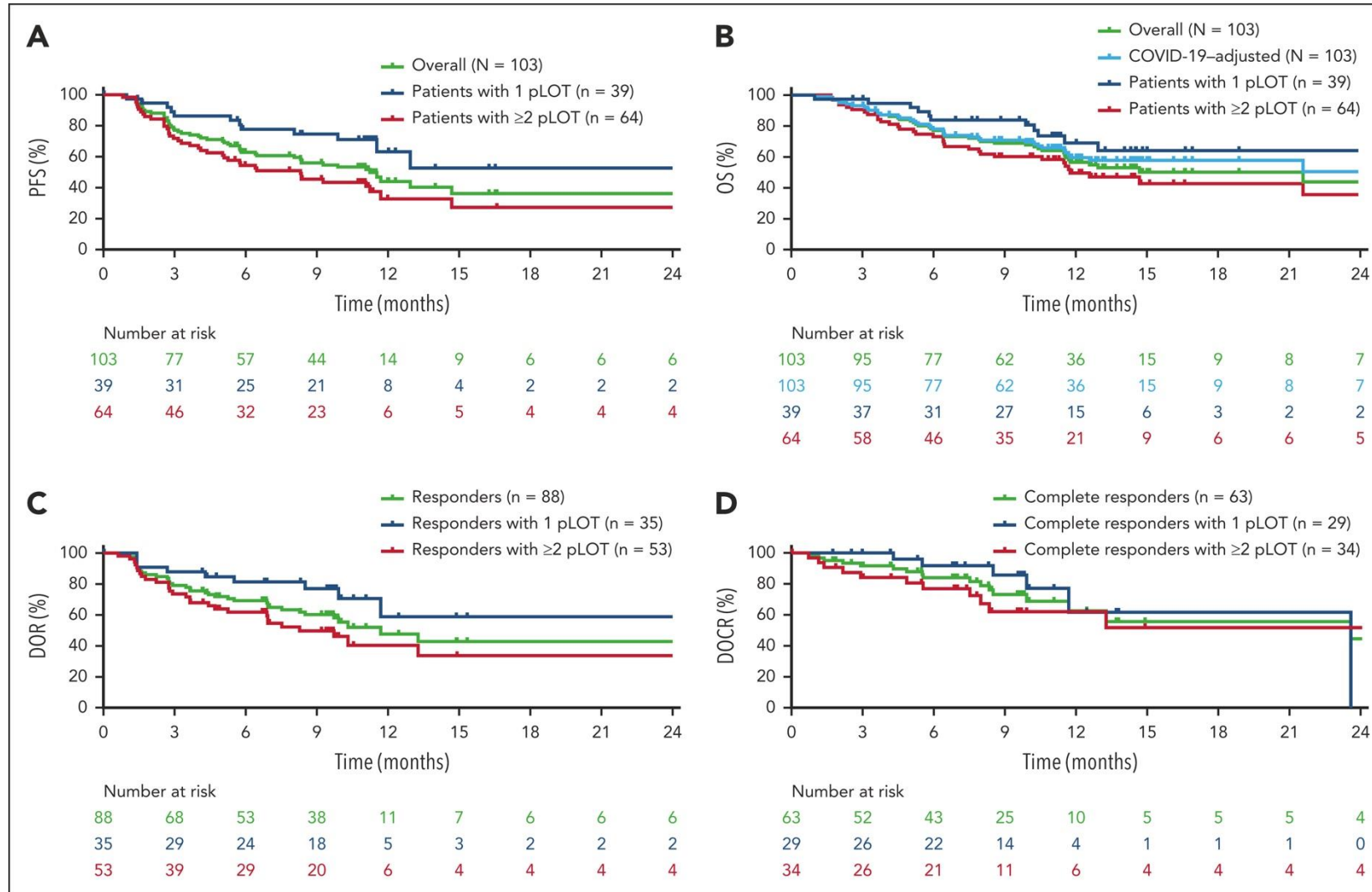


157 DLBCL patients
 ORR 63% CR 39%
 DOR 12 months

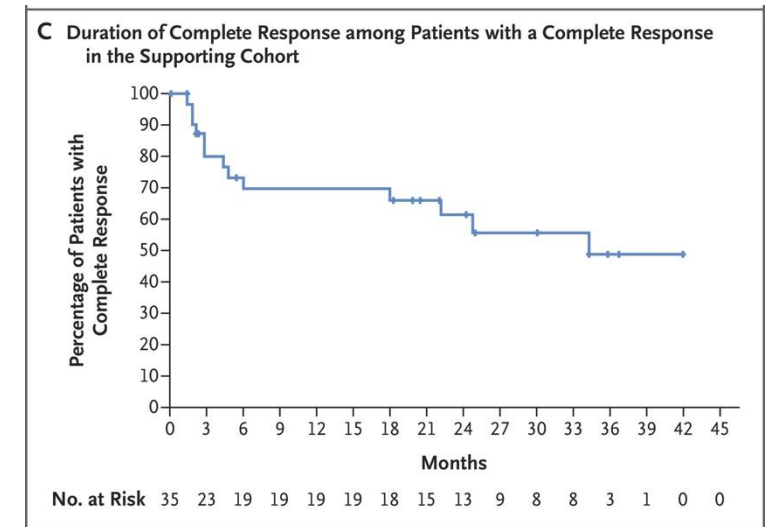
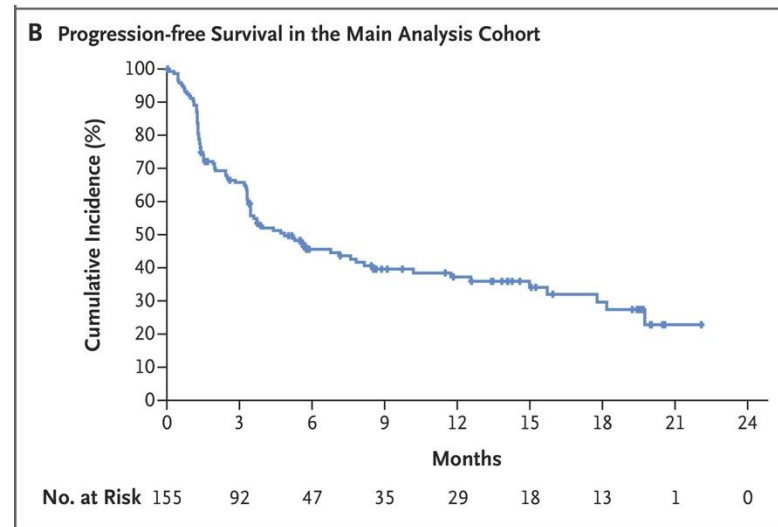
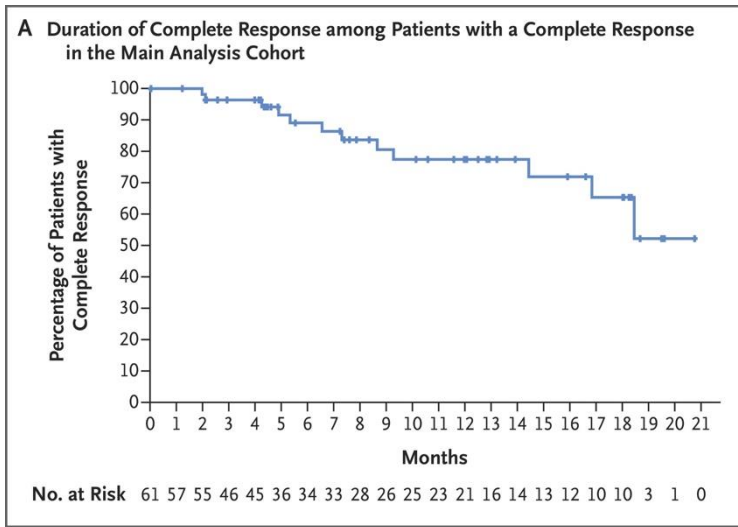
In patients who received prior CAR T-cell therapy (n = 61), the ORR was 54.1% and the CR rate was 34.4%, with a mDOR of 9.7 months



Epcoritamab plus GemOx in transplant-ineligible relapsed/refractory DLBCL: EPCORE NHL-2 trial



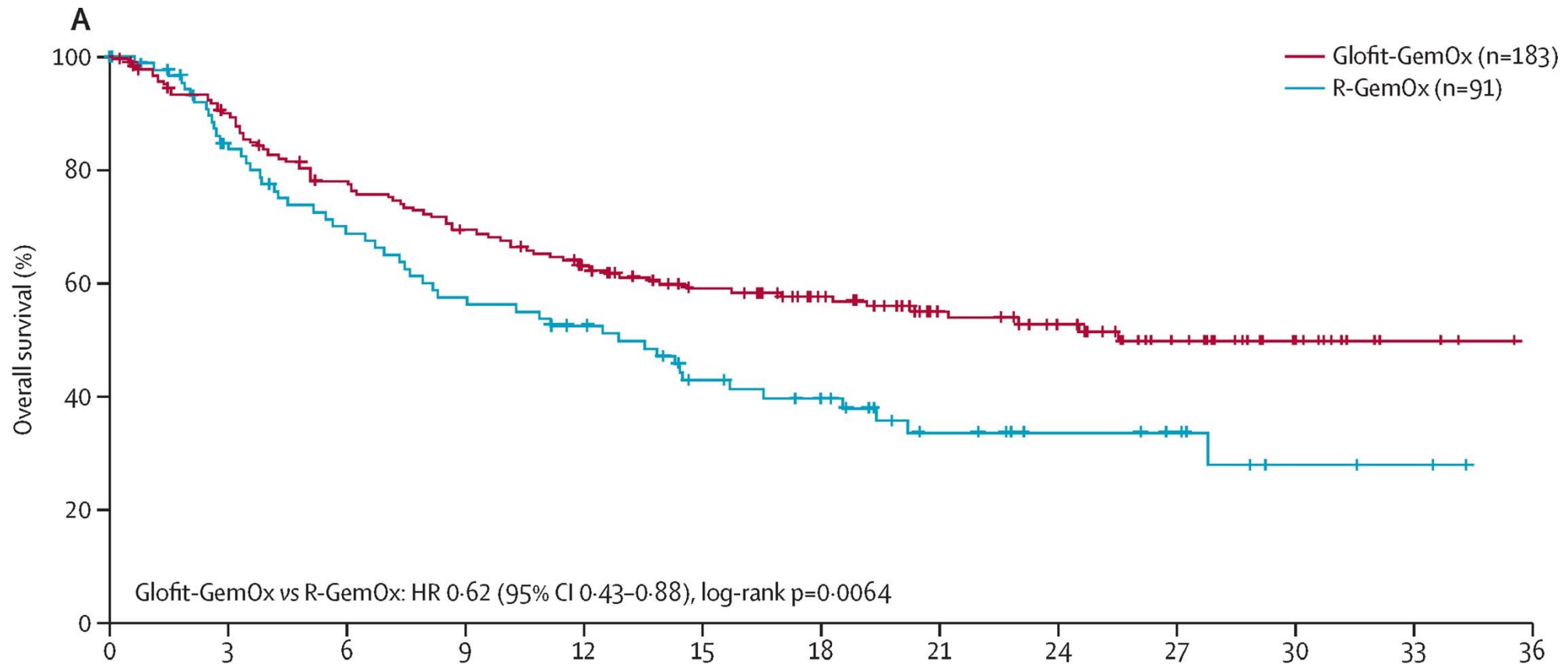
Bispecific Antibody - Glofitamab for Relapsed or Refractory Diffuse Large B-Cell Lymphoma



155 patients. Median follow-up of 12.6 months, 39% had a CR.

Results were consistent among the 52 patients who previously received CAR T-cell therapy (35% of whom had a CR).

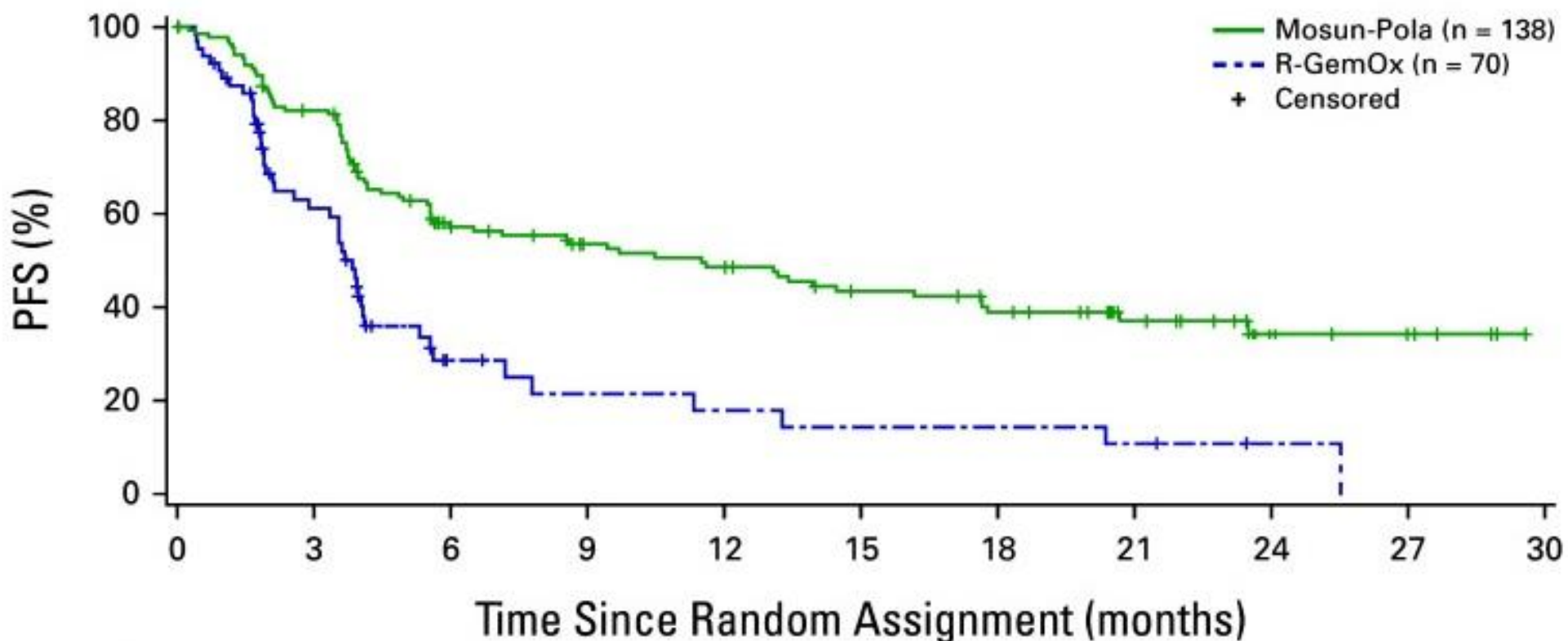
Glofitamab plus GemOx versus rituximab-GemOx for relapsed or refractory DLBCL (STARGLO)



Number at risk
(number censored)

Glofit-GemOx	183 (0)	159 (6)	135 (9)	119 (10)	104 (14)	86 (26)	71 (39)	51 (56)	40 (65)	26 (77)	11 (92)	3 (100)	0 (0)
R-GemOx	91 (0)	68 (9)	55 (10)	46 (10)	40 (12)	29 (16)	23 (20)	14 (26)	10 (30)	8 (32)	3 (36)	2 (37)	0 (0)

Mosunetuzumab Plus Polatuzumab Vedotin in Transplant-Ineligible Refractory/Relapsed DLBCL: Phase II SUNMO Trial

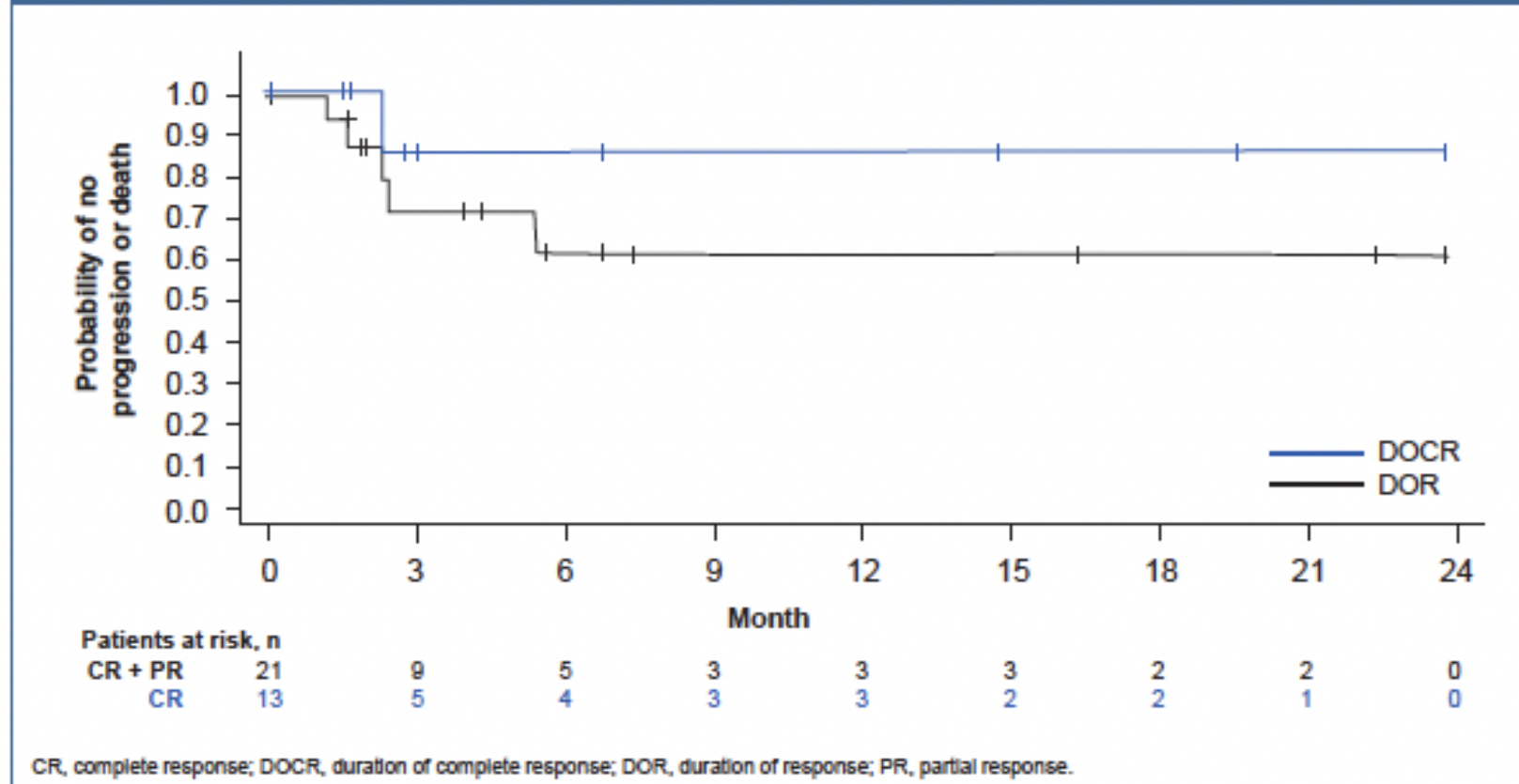


Number at risk (censored)

Mosun-Pola	138 (0)	108 (6)	65 (17)	54 (24)	49 (24)	40 (28)	34 (30)	20 (43)	8 (54)	5 (57)	NE
R-GemOx	70 (0)	33 (14)	9 (22)	6 (23)	5 (23)	4 (23)	4 (23)	3 (23)	1 (25)	NE	NE

Odronextamab demonstrates durable CRs in patients with DLBCL progressing after CAR-T therapy: ELM-1 study

Figure 2. DOR and DOCR by independent central review



In patients with DLBCL who had previous CAR T-cell therapy and received doses of 80 mg or higher, the objective response rate was 33% (10 of 30) and CR rate was 27% (8 of 30).

- 12-month PFS rate in all patients: 32.9% (95% CI 16.4–50.6)
- 12-month OS rate in all patients: 49.6% (95% CI 30.4–66.2)

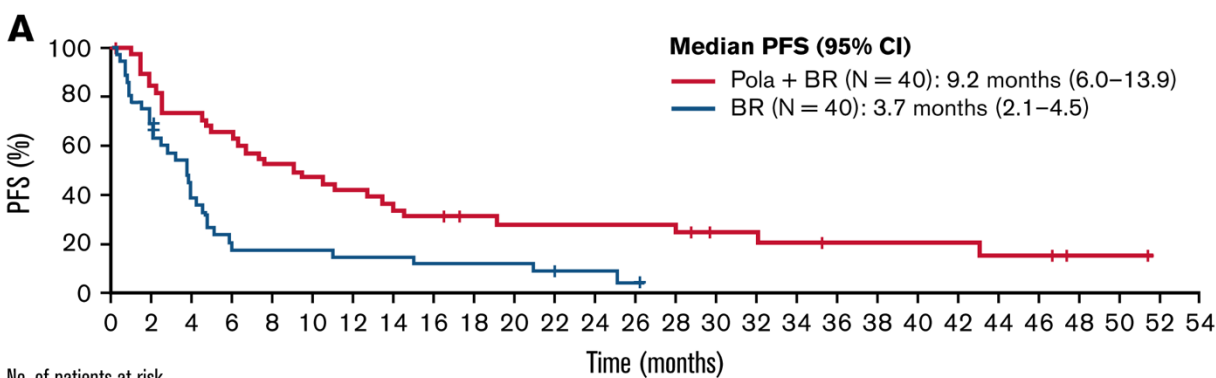
Surovatamig (AZD0486), a CD19xCD3 T-cell engager, in relapsed or refractory diffuse large B-cell lymphoma

- AZD0486 showed clinical activity in patients who were heavily pretreated, including those with DLBCL and exposed to CAR-T and CD20 TCE treatments¹

Dose	n	Overall (N = 58)		n	CAR-T Naïve (n = 31)		n	CAR-T Exposed (n = 27)	
		ORR, %	CR, %		ORR, %	CR, %		ORR, %	CR, %
7.2 mg	24	46	33	9	67	44	15	33	27
15 mg	26	62	39	16	75	38	10	40	40
25 mg	8	75	63	6	83	67	2	50	50

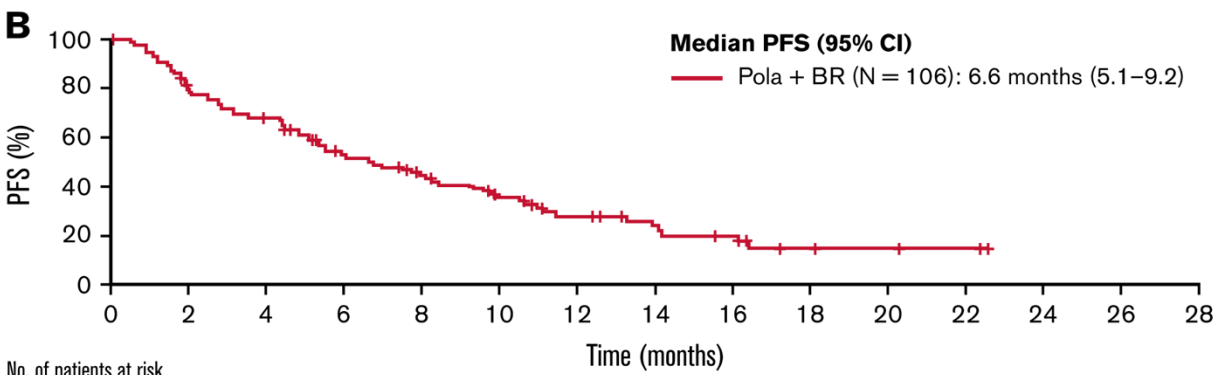
- Median study follow up: 5 mo (range, 0.4 29.3)
- No patients who achieved CR progressed

ADCs - Polatuzumab vedotin plus bendamustine and rituximab in relapsed/refractory DLBCL: survival update and new extension cohort data



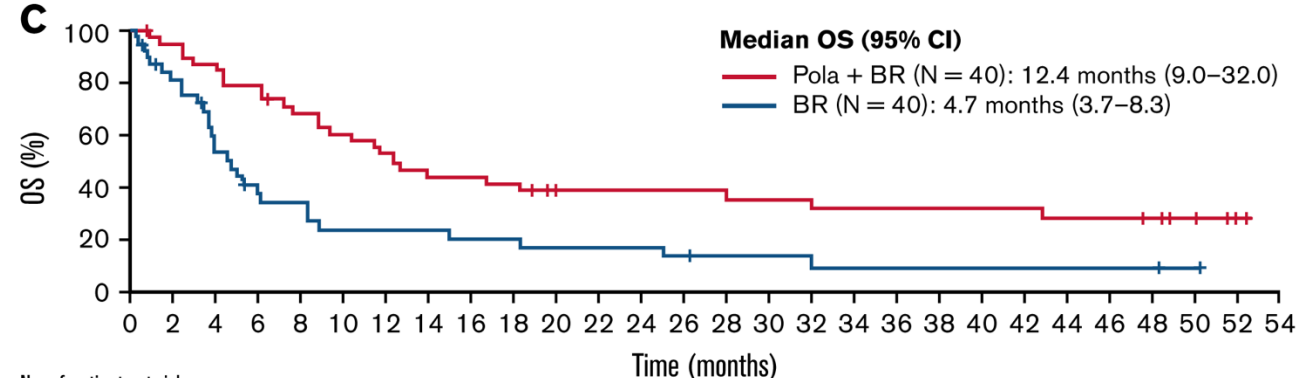
No. of patients at risk

	0	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54
Pola + BR	40	32	28	25	20	18	16	13	12	10	9	9	9	9	6	6	5	4	4	4	4	3	3	1	1			
BR	40	24	13	6	6	6	5	5	4	4	4	2	2	1														



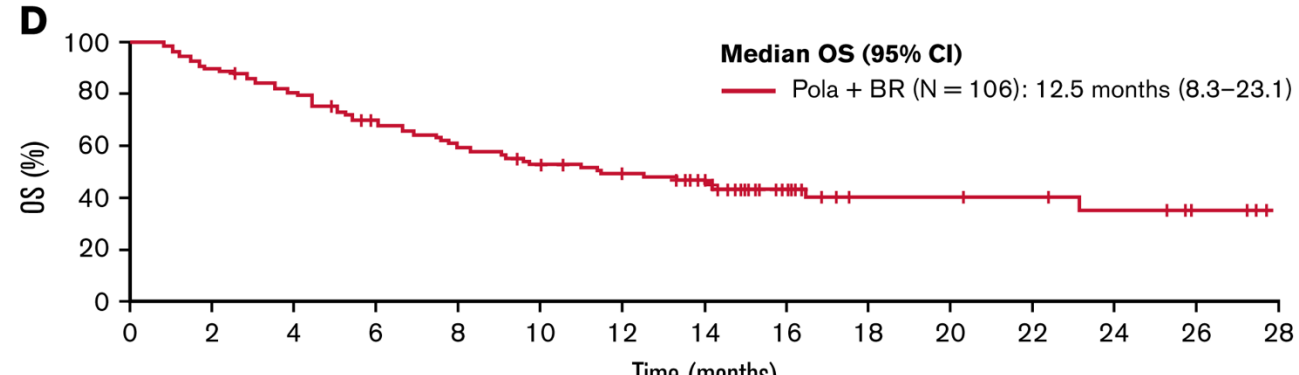
No. of patients at risk

	0	2	4	6	8	10	12	14	16	18	20	22	24	26	28
Pola + BR	106	82	69	49	37	27	17	12	9	4	3	2			



No. of patients at risk

	0	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54
Pola + BR	40	36	33	30	25	22	19	16	16	15	12	11	11	11	11	10	10	9	9	9	9	8	8	7	5	2		
BR	40	27	17	11	10	7	7	7	6	6	5	5	4	3	3	3	2	2	2	2	2	2	2	2	1			



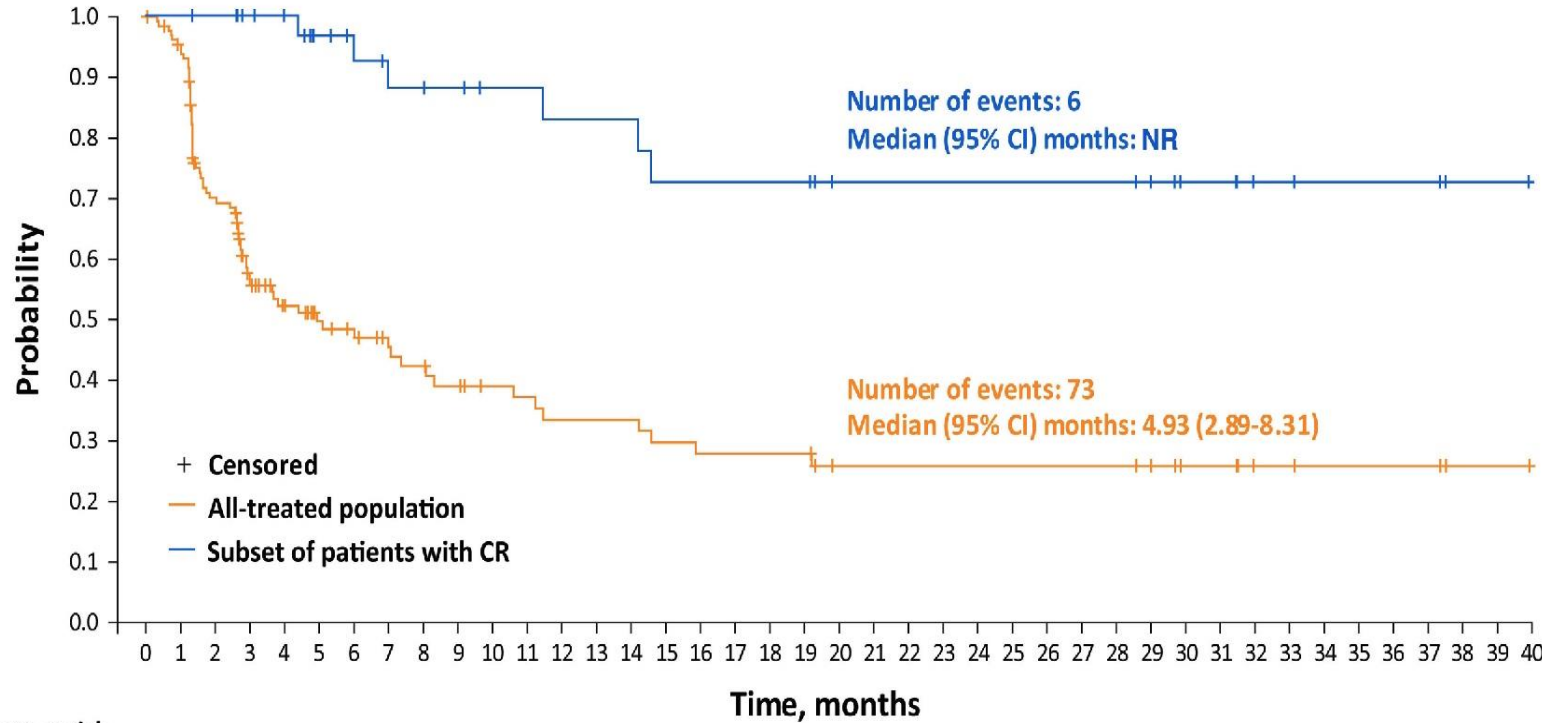
No. of patients at risk

	0	2	4	6	8	10	12	14	16	18	20	22	24	26	28
Pola + BR	106	93	83	68	58	51	45	39	20	10	10	9	7	4	

Only 1 patient had prior CART therapy

ADCs - Loncastuximab tesirine in relapsed/refractory diffuse large B-cell lymphoma: long-term efficacy

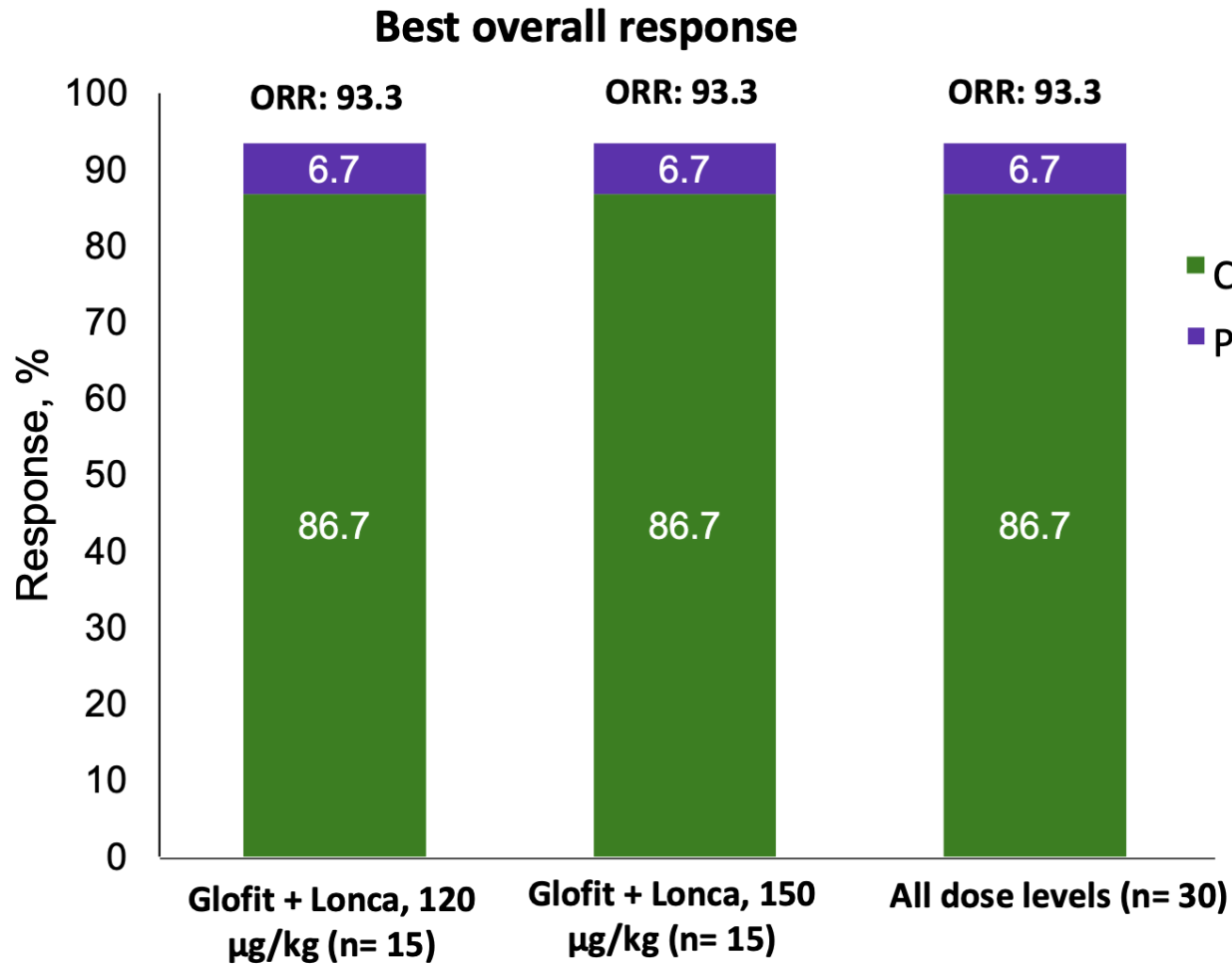
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Patients at risk		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40					
All-treated population		145	124	85	56	46	37	34	29	27	24	21	20	18	18	18	16	15	15	15	15	15	11	11	11	11	11	11	11	11	11	11	11	11	11	10	7	7	4	4	3	3	3	3	1	1	0
Subset of patients with CR		36	36	35	32	31	25	23	20	20	19	17	17	16	16	16	14	14	14	14	14	14	11	11	11	11	11	11	11	11	11	11	11	11	11	10	7	7	4	4	3	3	3	3	1	1	0

- 145 patients enrolled.
- ORR 48.3%.
- Thirty-six (24.8%) achieved CR, of which 16 (44%) and 11 (31%) were event-free for ≥ 1 year and ≥ 2 years, respectively.
- Median OS 9.5 months
- Median PFS 4.9 months.

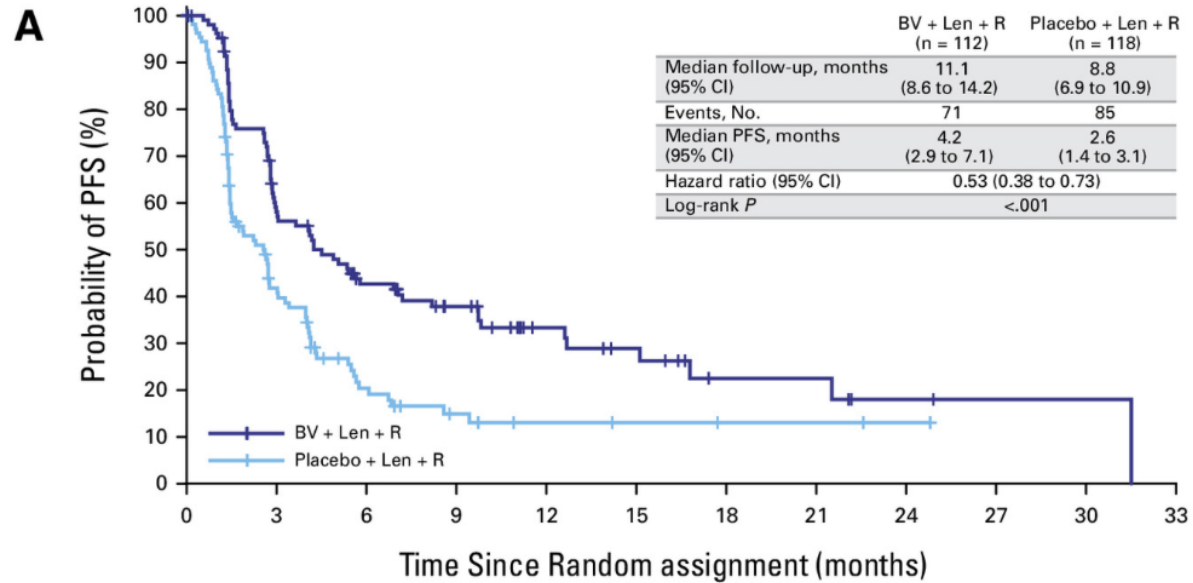
Loncastuximab Tesirine plus Glofitamab in Relapsed/ Refractory DLBCL (LOTIS-7)



Duration of response

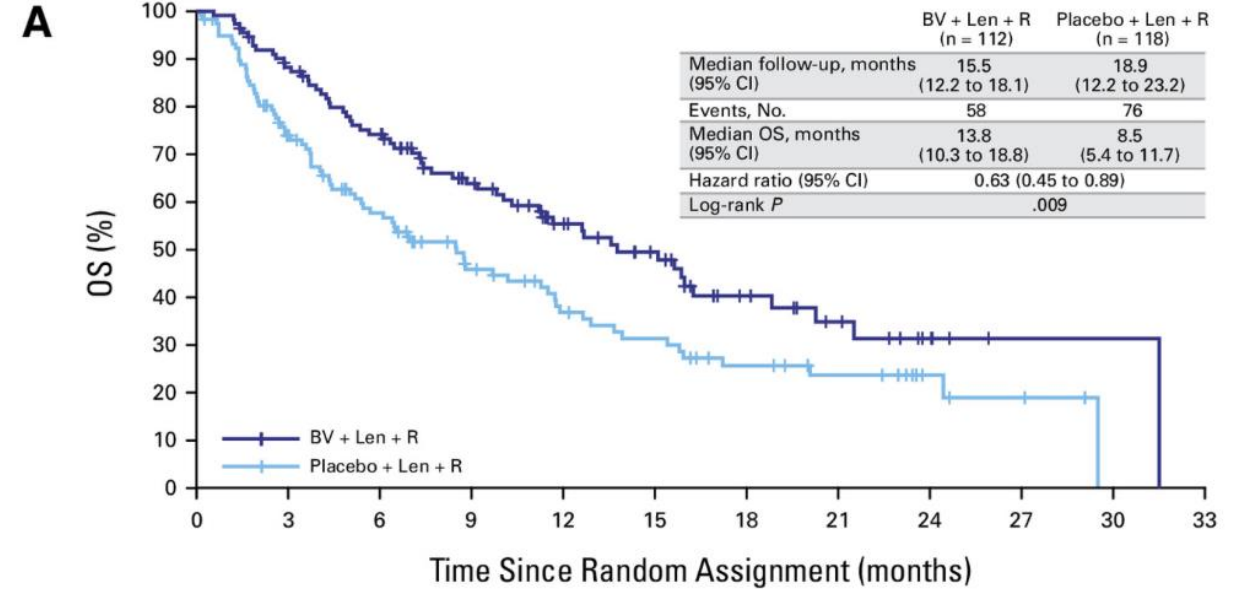
Characteristic, n (%)	Glofit + Lonca, 120 µg/kg (n=15)	Glofit + Lonca, 150 µg/kg (n=15)	All dose levels (N=30)
DOR Median	(n=14) NE	(n=14) NE	(n=28) NE
Time to first response (CR or PR) Median, days	(n=14) 42.0	(n=14) 42.0	(n=28) 42.0
Time to first CR Median, days	(n=13) 80.0	(n=13) 42.0	(n=26) 70.5

ADCs - Brentuximab Vedotin in Combination with R² for Relapsed Diffuse Large B-Cell Lymphoma (ECHELON-3)



No. at risk:

	0	3	6	9	12	15	18	21	24	27	30	33
BV + Len + R	112	58	38	27	15	11	5	5	2	1	1	0
Placebo + Len + R	118	40	16	8	4	3	2	2	1	0	0	0

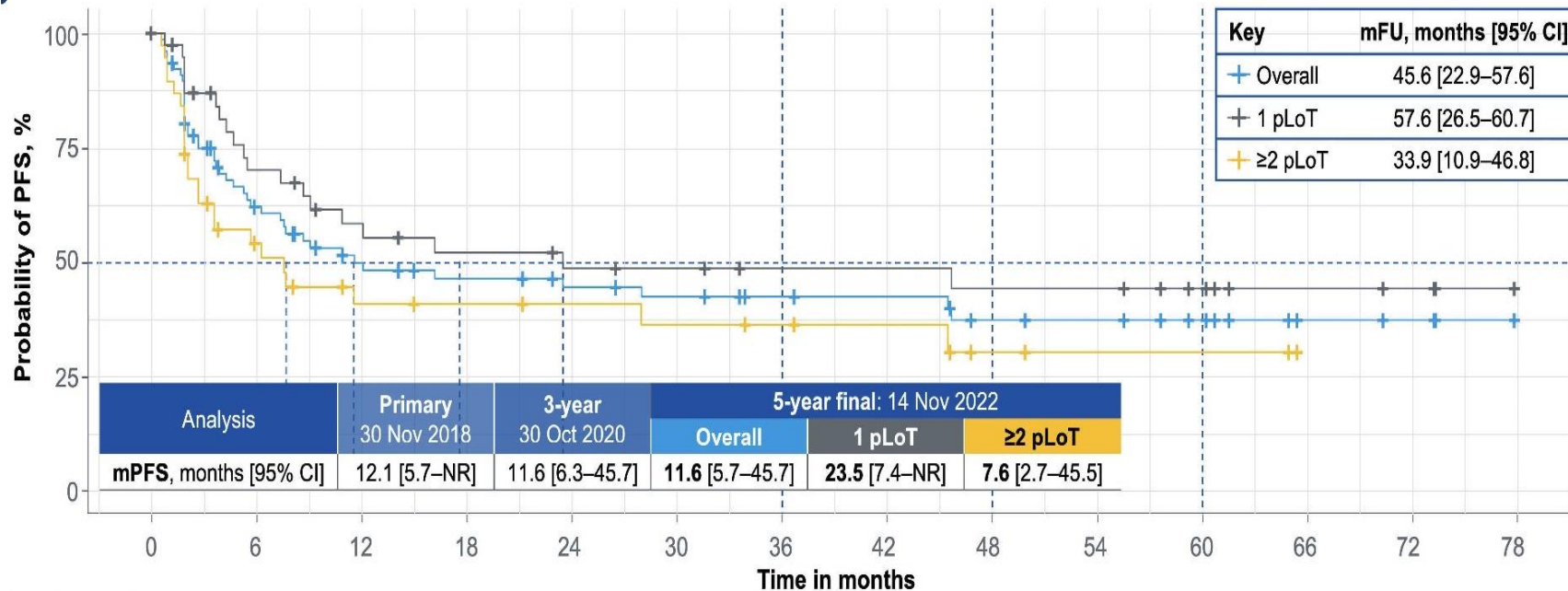


No. at risk:

	0	3	6	9	12	15	18	21	24	27	30	33
BV + Len + R	112	96	79	57	40	30	17	11	5	1	1	0
Placebo + Len + R	118	81	58	39	28	23	16	12	5	3	0	0

- 230 patients - BV + Len + R (n = 112) or placebo + Len + R (n = 118).
- Median OS was 13.8 months with BV + Len + R versus 8.5 months with placebo + Len + R (*P* = .009).
- Median PFS was 4.2 months with BV + Len + R versus 2.6 months with placebo + Len + R (*P* < .001).
- ORR was 64% with BV + Len + R and 42% with placebo + Len + R
- CR rates were 40% and 19%, respectively.

Antibodies - Tafasitamab for relapsed or refractory diffuse large B-cell lymphoma: final 5-year efficacy

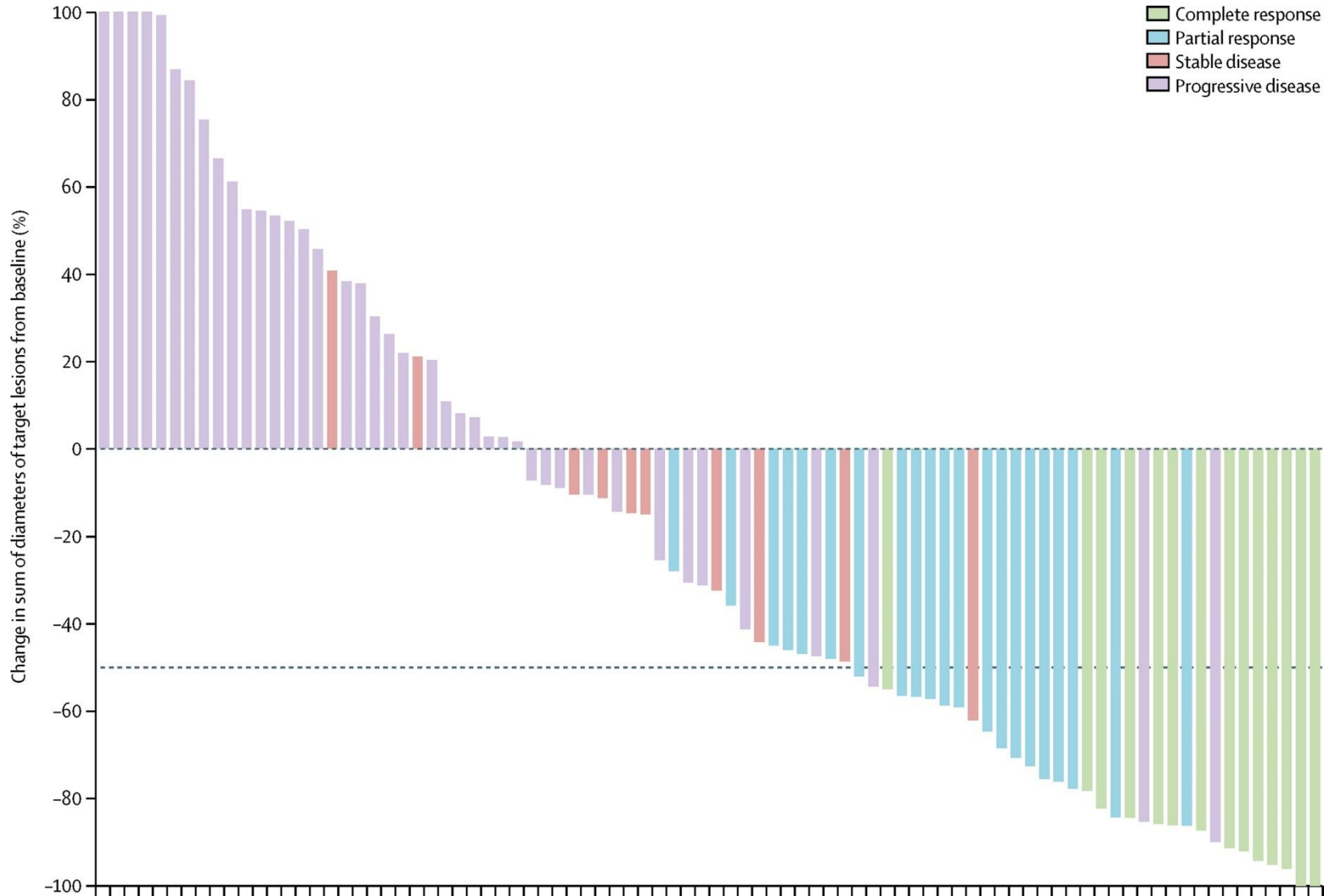


Number at risk:

	0	6	12	18	24	30	36	42	48	54	60	66	72	78
Overall	80	42	30	26	23	21	18	17	13	12	9	4	3	0
1 pLoT	40	25	19	16	14	13	11	11	10	10	7	4	3	0
≥2 pLoT	40	17	11	10	9	8	7	6	3	2	2	0	0	0

- 80 R/R DLBCL patients
- Received up to 12 cycles of co-administered tafasitamab and lenalidomide, followed by tafasitamab monotherapy until progression
- ORR 57.5%, CR rate 41.3% (n=33).
- Median PFS 11.6 months.
- Median OS 33.5 months.

Selinexor in patients with relapsed or refractory diffuse large B-cell lymphoma (SADAL)



267 patients

175 allocated to the 60 mg selinexor group and 92 to the 100 mg selinexor group.

Overall response rate was 28%

15 (12%) achieved a complete response and 21 (17%) a partial response.

Median overall survival was 9.0 months and median progression free survival was 2.6 months

No patient had received prior CART therapy

Questions that may influence treatment decisions

- Which agents were given before – would you give brentuximab vedotin if the patient received polatuzumab vedotin in first-line? **Personally - No**
- Do you want to use a similar treatment strategy versus a different one – is an immunotherapeutic approach with a bispecific antibody the best choice if a patient just progressed on CAR T cell treatment? **Yes – bispecifics are effective after CART**
- Should you direct therapy at the same target as before – should you target CD19 with tafasitamab as the next line after CD19 CAR T cell therapy? **You can**
- Should you give treatment that has similar side effects – should you give a bispecific if very immunosuppressed, or cytotoxic therapy if neutropenic? **Depends**
- How long do you plan to treat (tolerability over time) – is this treatment a bridge to another therapy or do you plan to treat to progression? **Tafa/len if long-term**