

**New algorithm for relapsed/refractory
DLBCL patients:
is there a role and if so which one for each
actor in this orchestra?**

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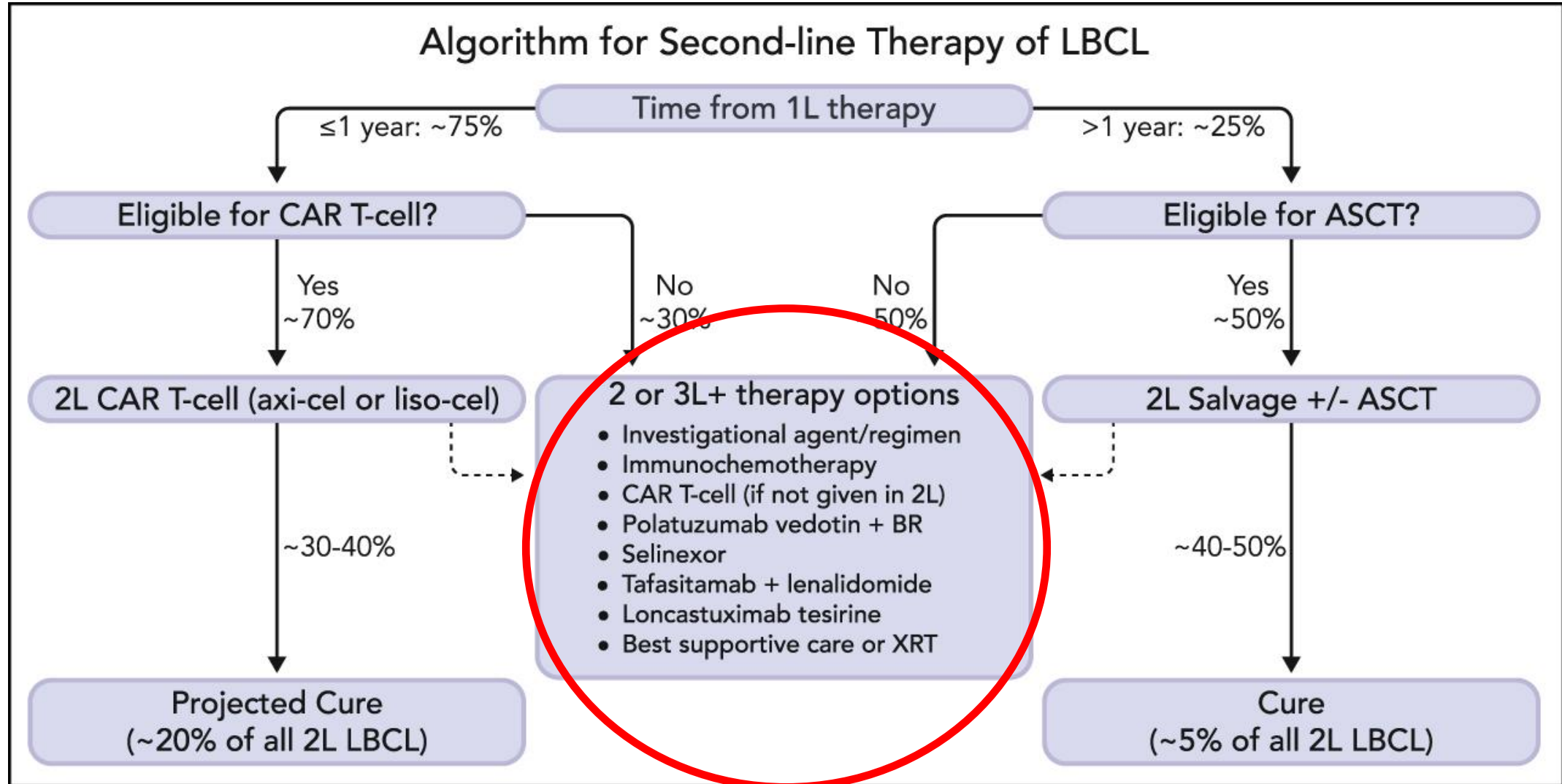
Disclosures for Stephen Ansell, MD, PhD

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CAR T cells as a second-line therapy for large B-cell lymphoma: a paradigm shift?



Who are the Actors, Musicians or Players?

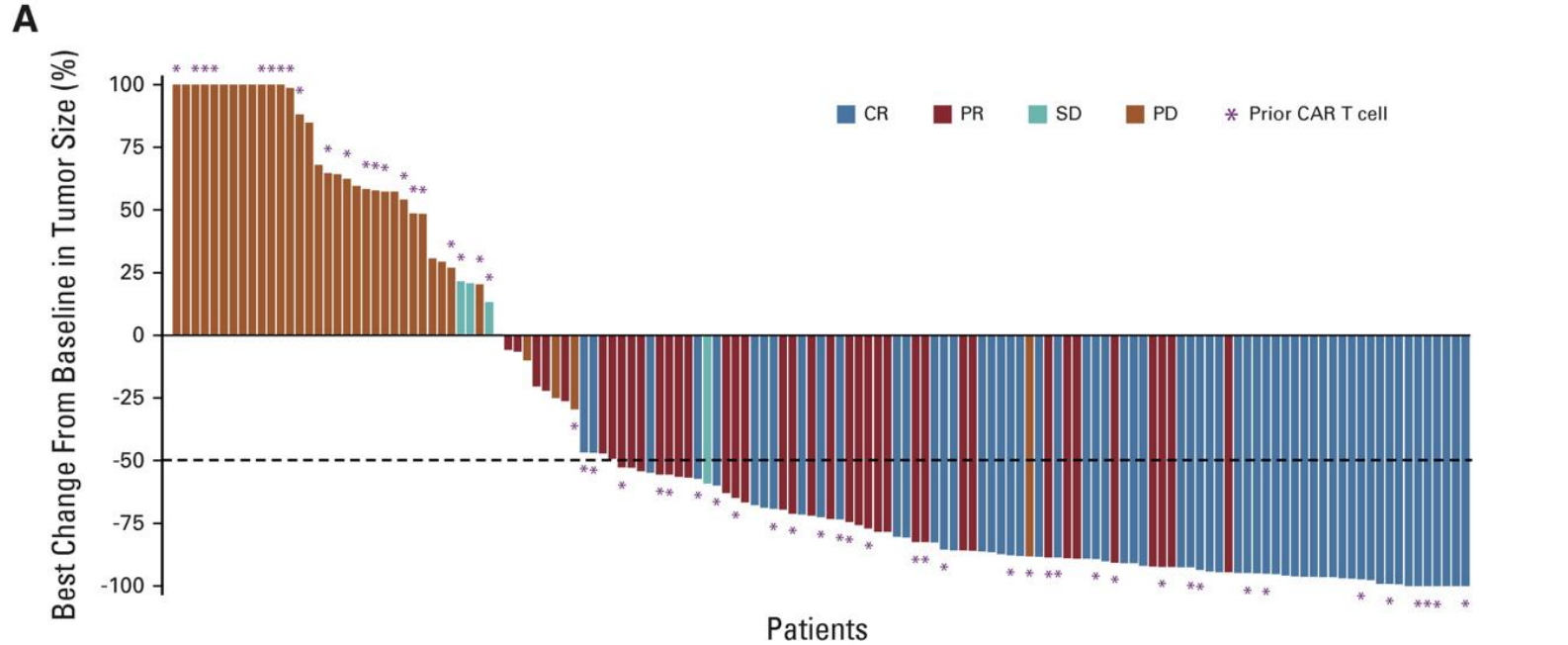


- Bispecifics –
epcoritamab, glofitamab,
(odronextamab)
- Antibody drug
conjugates –
polatuzumab vedotin,
loncastuxtimab,
brentuximab vedotin.
- Others – tafasitamab,
lenalidomide,
bendamustine, selinexor

Questions that may influence treatment decisions

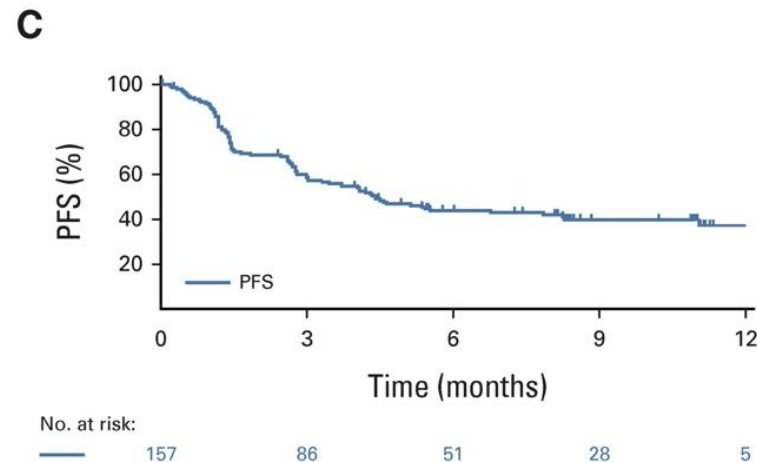
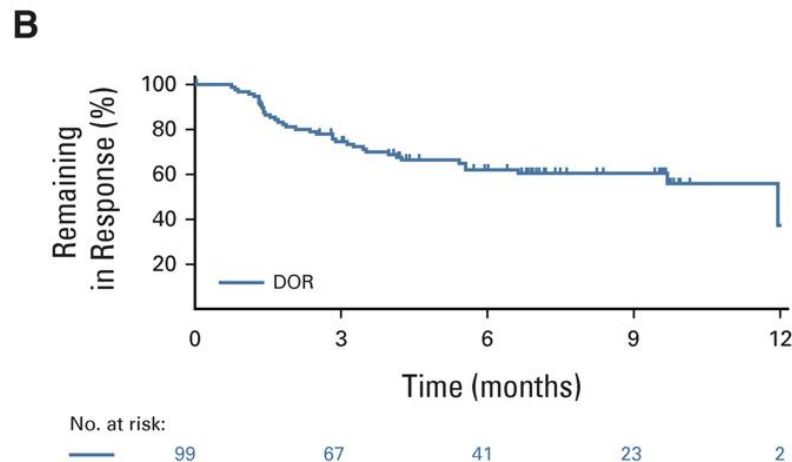
- Which agents were given before – would you give brentuximab vedotin if the patient received polatuzumab vedotin in first-line?
- Do you want to use a similar treatment strategy versus a different one – is an immunotherapeutic approach with a bispecific antibody the best choice if a patient just progressed 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

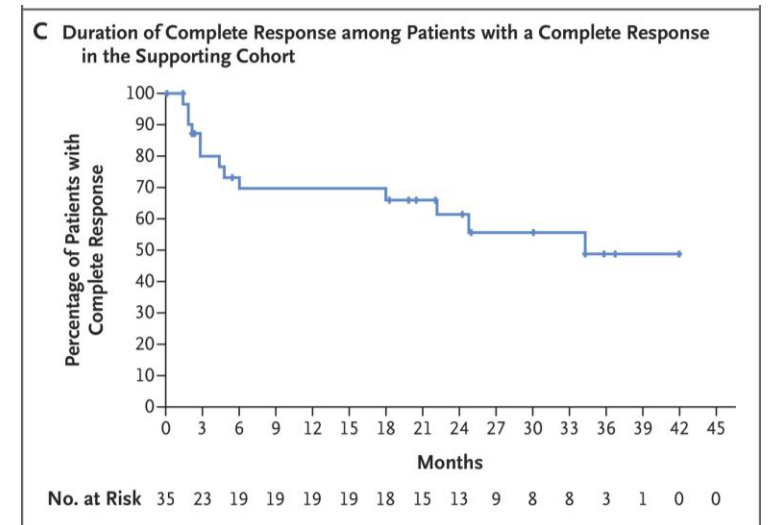
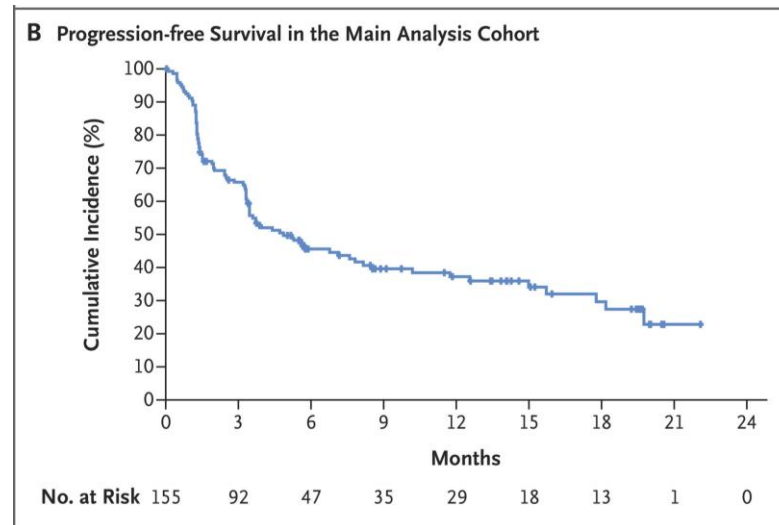
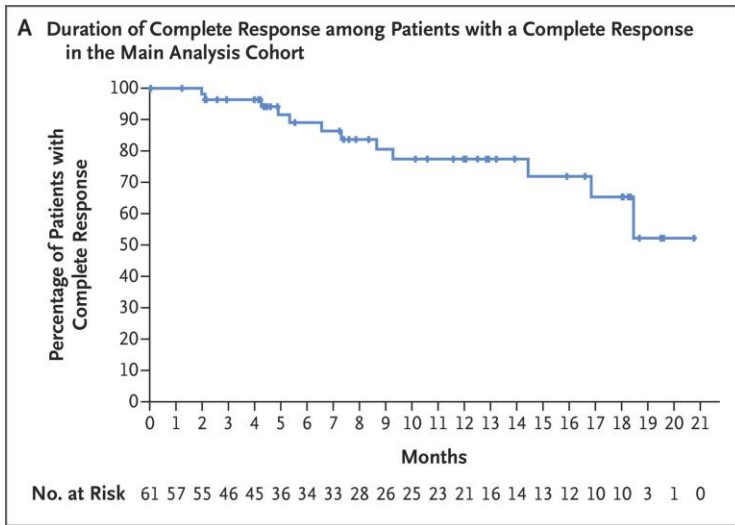


157 DLBCL patients
 ORR 63% CR 39%
 DOR 12 months

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



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

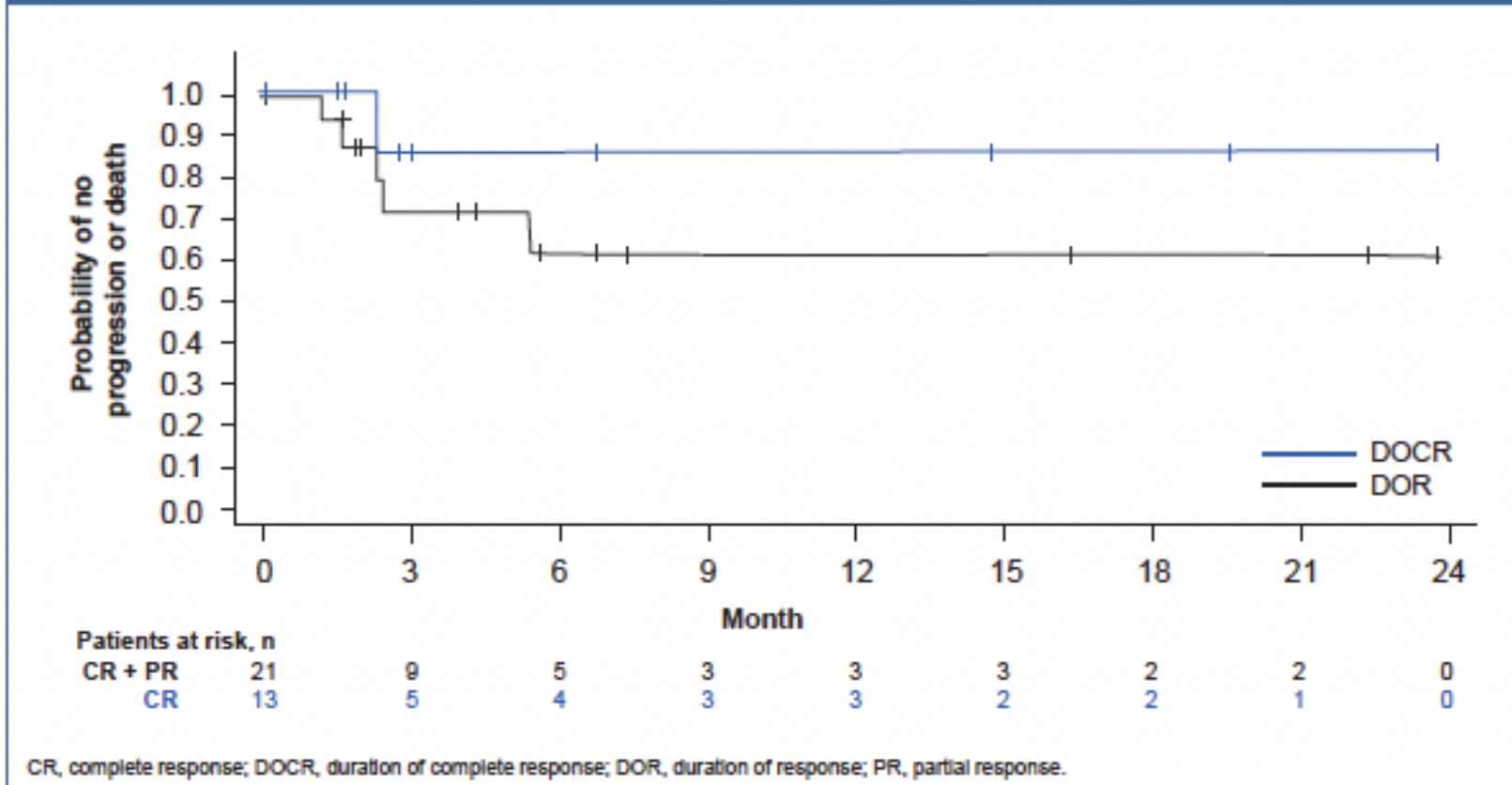


155 patients. Median follow-up of 12.6 months, 39% had a CR.

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

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

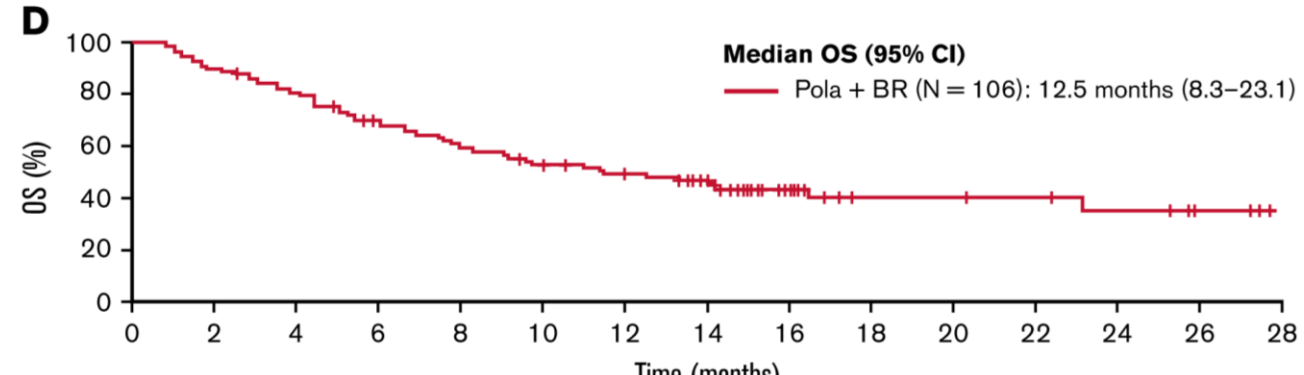
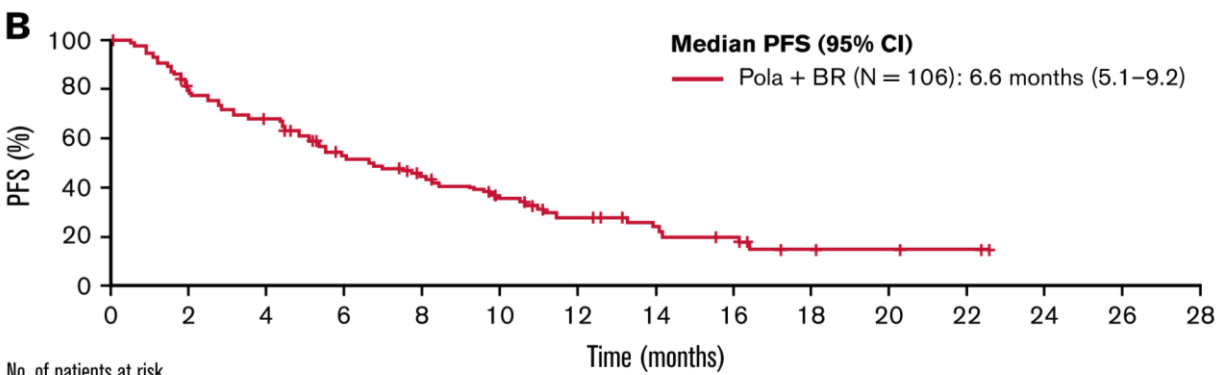
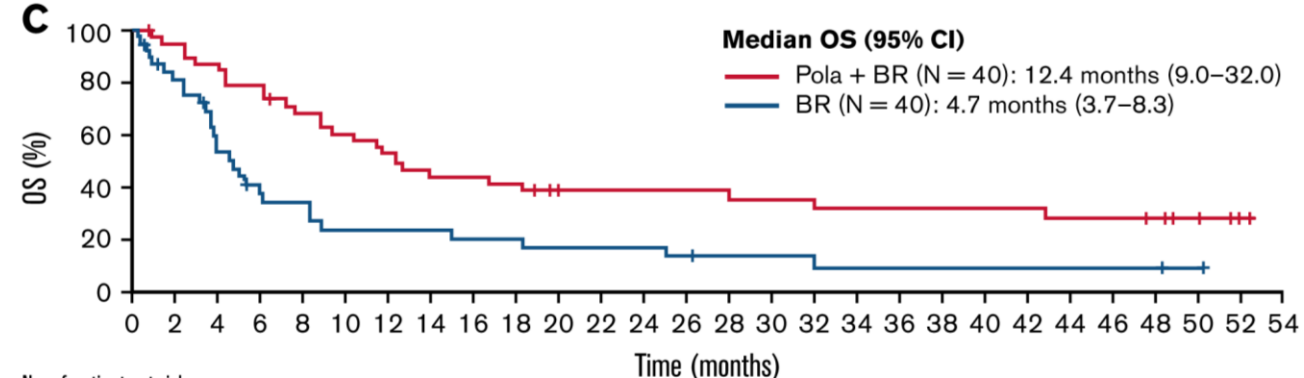
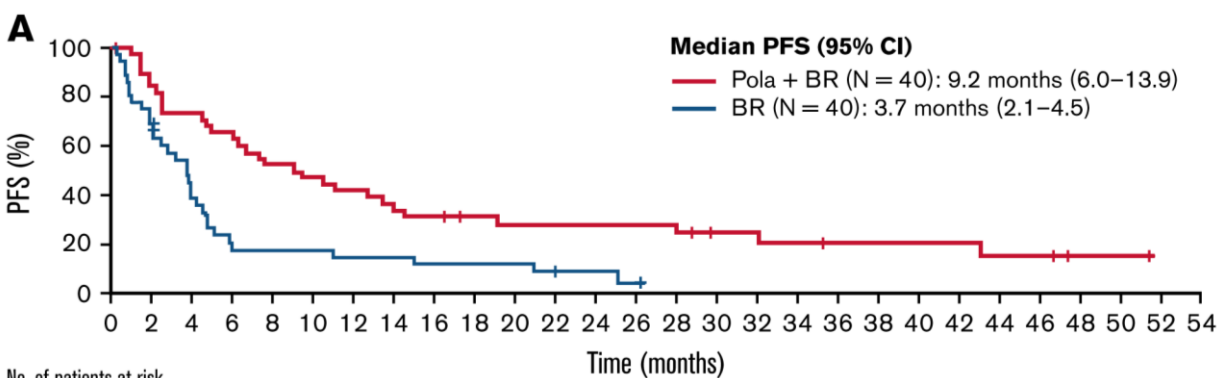
Figure 2. DOR and DOCR by independent central review



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)

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



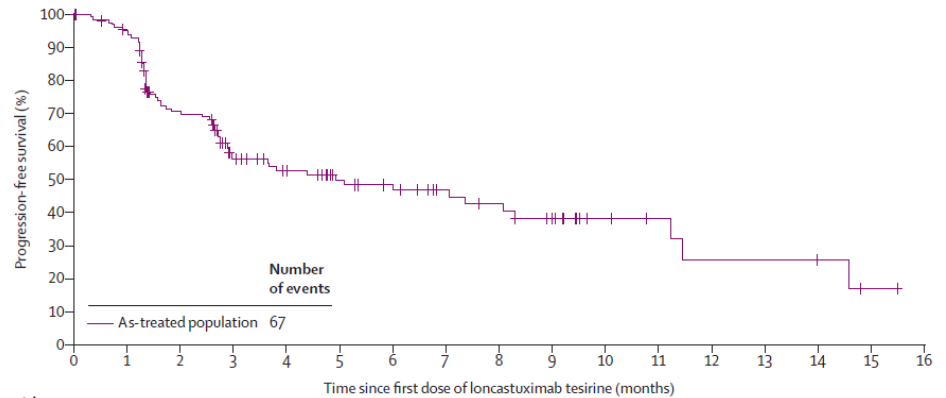
Only 1 patient had prior CART therapy

ADC - Loncastuximab tesirine: PFS, OS, and Subsequent Treatment (LOTIS-2)

Median PFS:

Apr 6 2020 Cut Off: 4.9 mo (95% CI, 2.9-8.3)¹

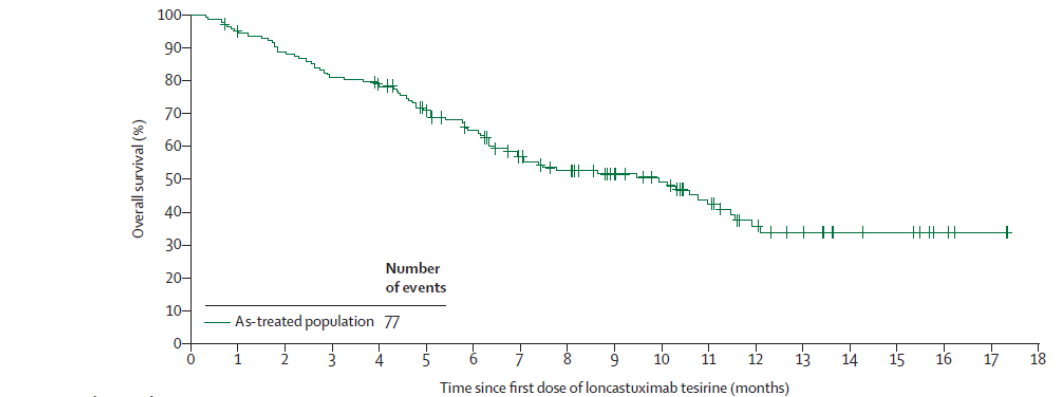
Aug 6 2020 Cut Off: 5.1 mo (95% CI, 2.9-8.3)²



Median OS:

Apr 6 2020 Cut Off: 9.9 mo (95% CI, 6.7-11.5)¹

Aug 6 2020 Cut Off: 9.5 mo (95% CI, 6.9-11.3)²

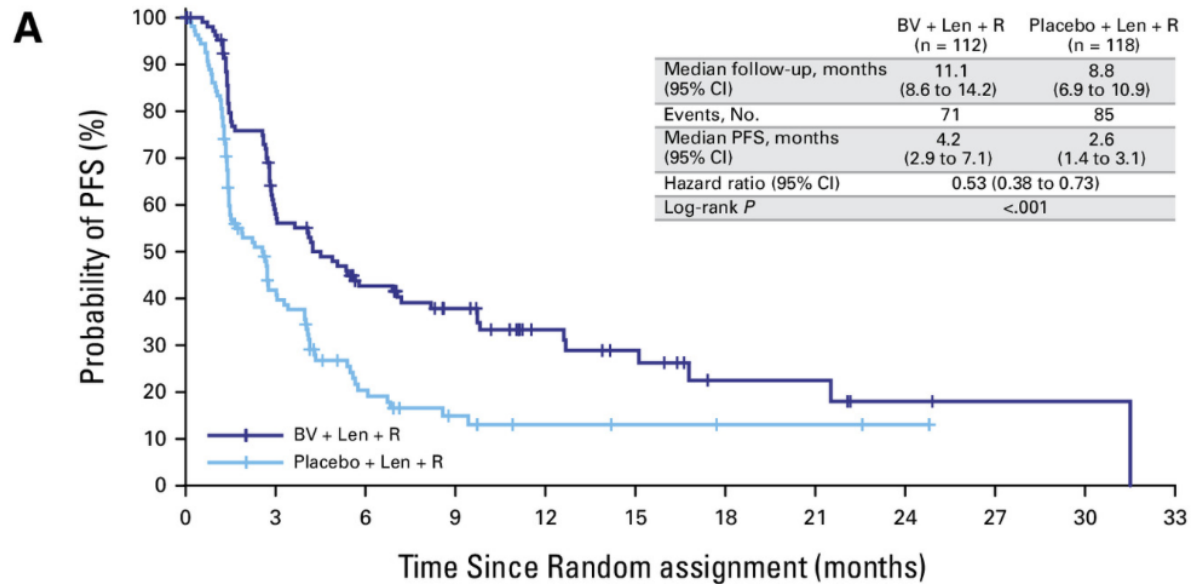


Subsequent Treatment²

- **15 patients** received CD19-directed CAR-T therapy with an investigator-assessed ORR of 46.7% (6 CR; 1 PR)
- **9 patients** proceeded to SCT as consolidation after response to lonca

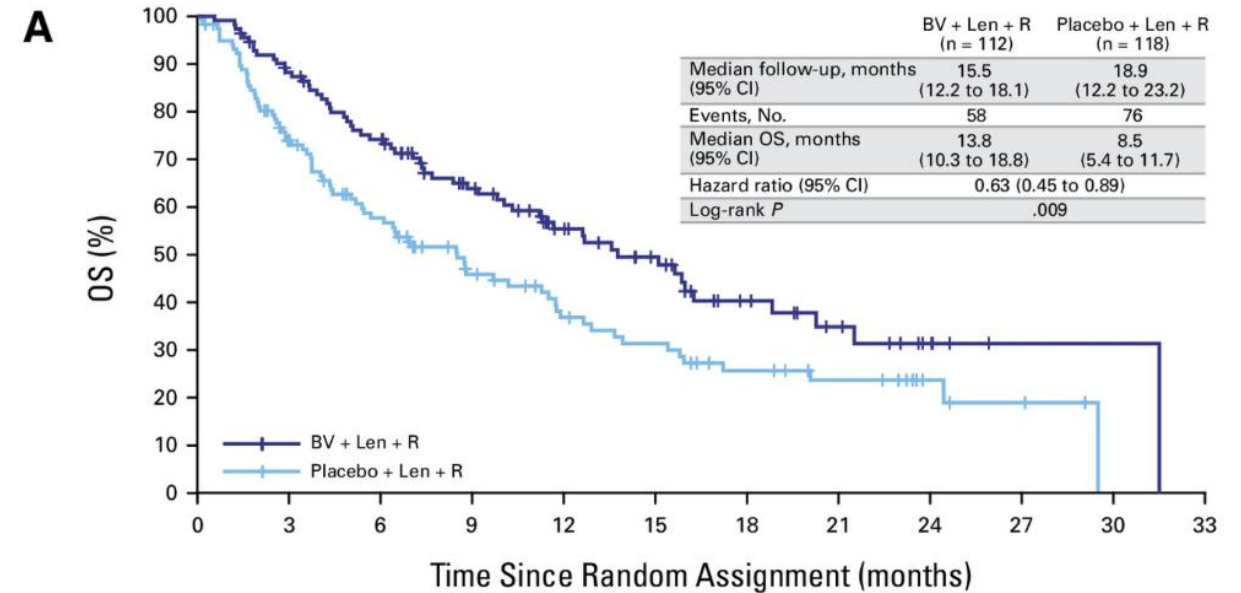
145 patients enrolled. 14 patients had prior CART therapy – 3 (21%) of these had a CR.

ADC - 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



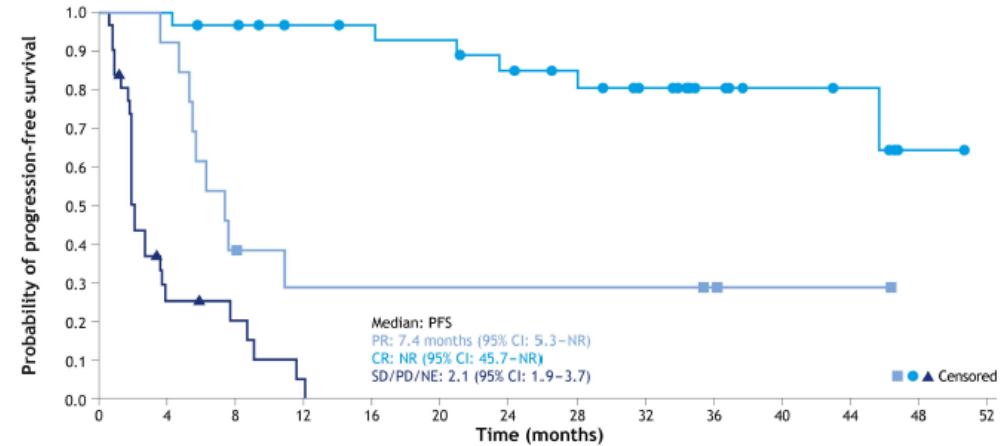
No. at risk:

	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

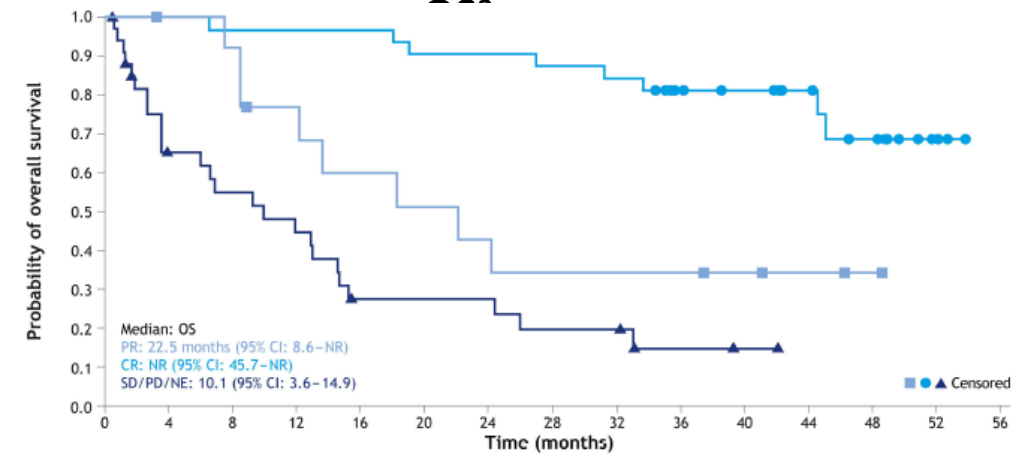
30% of patients had received prior CAR T therapy

Antibody - Long-term outcome of tafasitamab plus lenalidomide in patients with relapsed or refractory DLBCL

- Median PFS
 - At median 33.9 mo follow up: **11.6 mo**
 - 12-mo PFS, 50%
 - 18-mo PFS: 46%
- Median OS
 - At median 42.7 mo follow up: **33.5 mo**
 - 12-mo OS: 74%
 - 18-mo OS: 64%
- No patients had received prior CART therapy

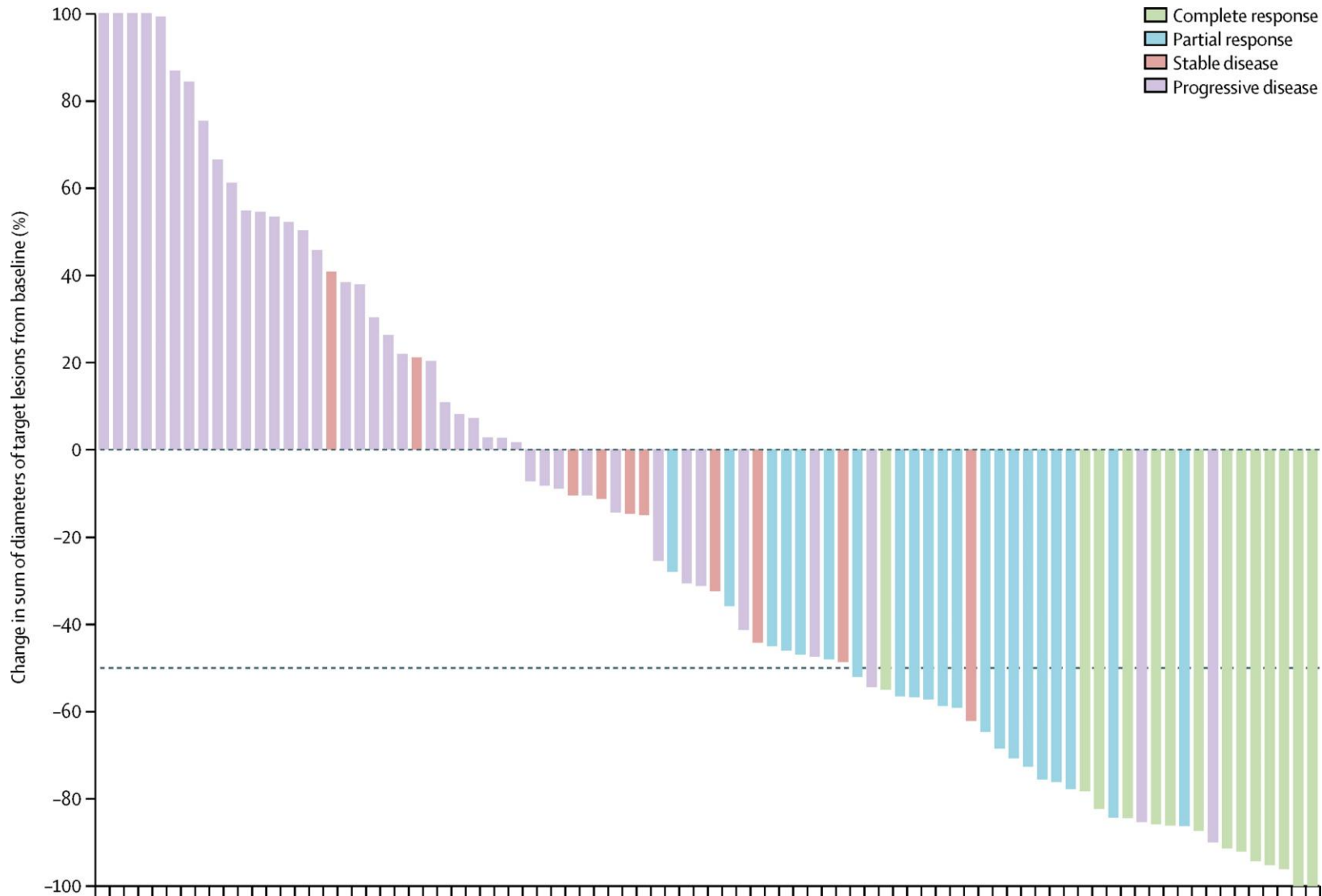


	0	4	8	12	16	20	24	28	32	36	40	44	48	52
PR	14	12	5	3	3	3	3	3	3	2	1	1	0	0
CR	32	31	29	26	25	24	21	19	15	9	6	5	1	0
SD/PD/NE	34	6	4	1	0	0	0	0	0	0	0	0	0	0



	0	4	8	12	16	20	24	28	32	36	40	44	48	52	56
PR	14	13	12	9	7	6	5	4	4	4	3	2	1	0	0
CR	32	32	31	31	31	29	29	28	27	22	18	14	9	4	0
SD/PD/NE	34	20	16	14	7	7	7	5	5	2	1	0	0	0	0

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**