

Fifth Annual National General Medical Oncology Summit

*A Multitumor CME/MOC-, NCPD- and ACPE-Accredited
Educational Conference Developed in Partnership with
Florida Cancer Specialists & Research Institute*

Friday, April 24, 2026

Moderator

Neil Love, MD

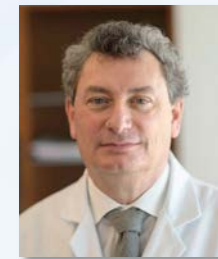
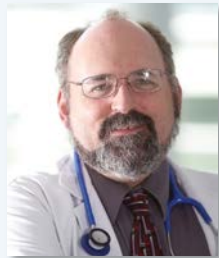
Faculty

Manali Kamdar, MD, MBBS

Krish Patel, MD

Gilles Salles, MD, PhD

Fifth Annual National General Medical Oncology Summit



Disclosures for Moderator Neil Love, MD

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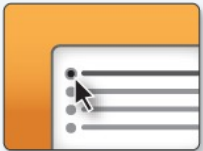
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Answer Survey Questions: Complete the premeeting survey.



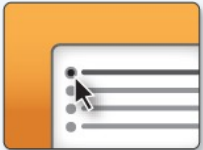
Ask a Question: Tap Ask a Question to submit a challenging case or question for discussion. We will aim to address as many questions as possible during the program.

For assistance, please raise your hand. Devices will be collected at the conclusion of the activity.

Clinicians Attending via Zoom



Review Program Slides: A link to the program slides will be posted in the chat room at the start of the program.



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About the Enduring Program

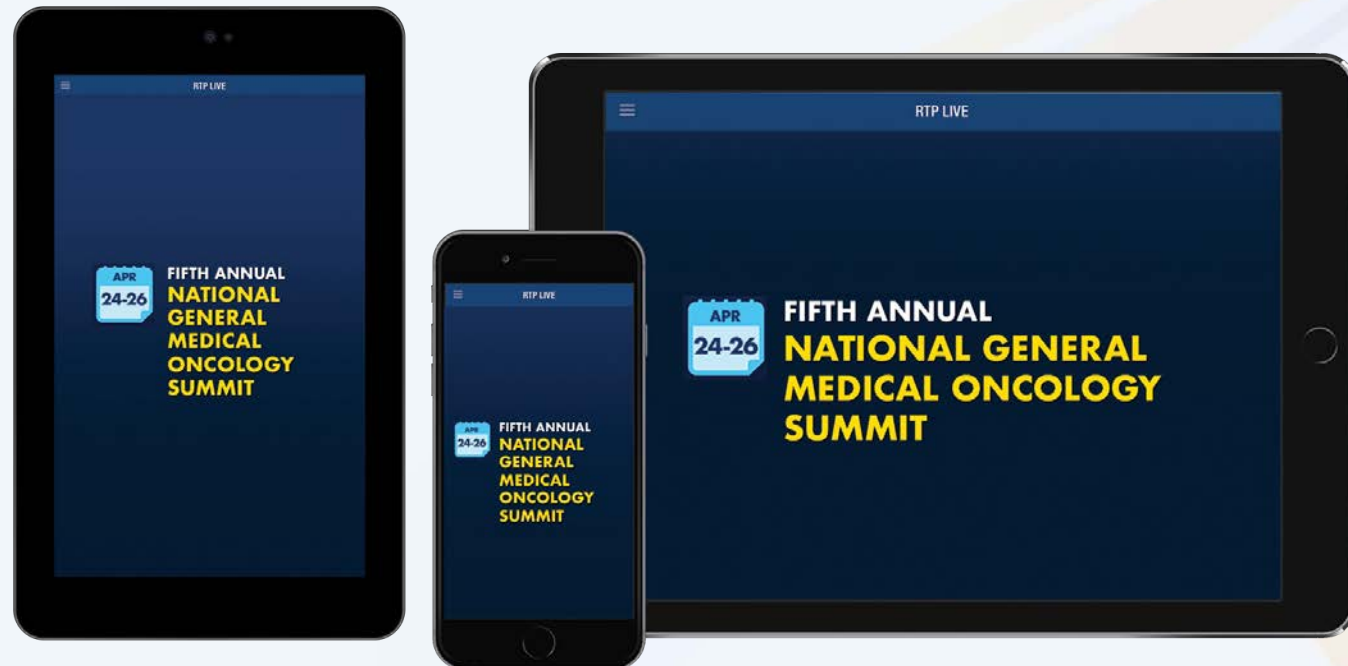
- The live meeting is being video and audio recorded.
- The proceedings from this weekend will be edited and developed into an enduring web-based program. An email will be sent to all attendees when the activity is available.
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Fifth Annual National General Medical Oncology Summit

Keynote Session: Diffuse Large B-Cell Lymphoma and Follicular Lymphoma

Friday, April 24, 2026

Moderator

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Faculty

Manali Kamdar, MD, MBBS

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Gilles Salles, MD, PhD

Faculty



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Neil Love, MD
Research To Practice
Miami, Florida

Keynote Session: Diffuse Large B-Cell Lymphoma and Follicular Lymphoma

Part 1 - Diffuse Large B-Cell Lymphoma:

Antibody-Drug Conjugates and Other Novel Strategies in the Management of DLBCL — Prof Salles

Current and Future Role of Monoclonal and Bispecific Antibodies in the Management of DLBCL — Dr Patel

Chimeric Antigen Receptor (CAR) T-Cell Therapy for DLBCL — Dr Kamdar

Part 2 – Follicular Lymphoma:

CAR T-Cell Therapy for FL — Prof Salles

Other Approved and Emerging Novel Therapies for FL — Dr Patel

Integrating Bispecific Antibodies into the Management of FL — Dr Kamdar

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QUESTIONS?

Keynote Session: Diffuse Large B-Cell Lymphoma and Follicular Lymphoma

We would like to do a “best paper or presentation of the year” activity. Please suggest one “paper of the year” and 2 other worthy papers based on the value in treatment of current and future patients.

Evidence-Based Incorporation of Antibody-Drug Conjugates and Other Novel Strategies into the Management of DLBCL

Gilles SALLES

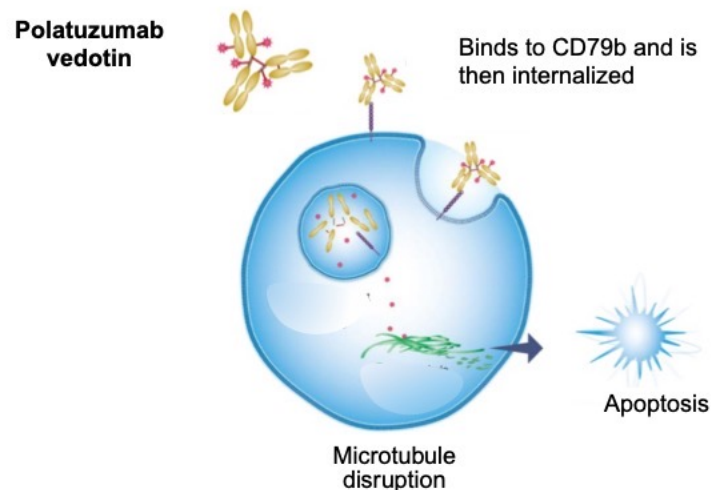
Lymphoma Service, Steven Greenberg Chair, Memorial Sloan Kettering Cancer Center
Weill Cornell Medical College, New York, US



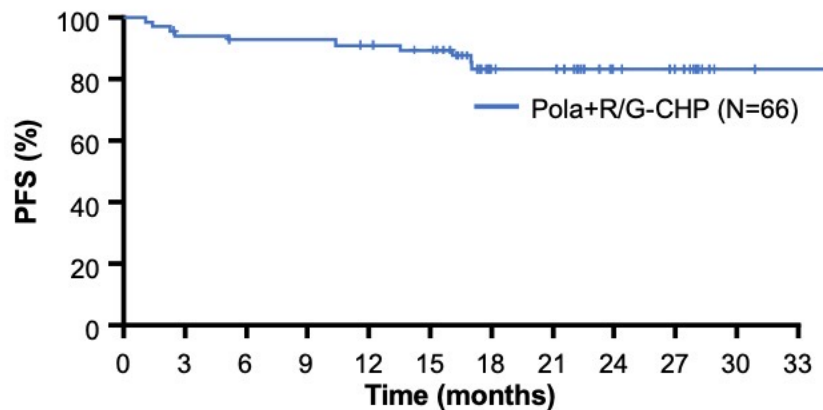
Disclosures

Advisory Committees	AbbVie Inc, BeOne, Bristol Myers Squibb, Foresight Diagnostics, Genentech, a member of the Roche Group, Genmab US Inc, Incyte Corporation, Ipsen Biopharmaceuticals Inc, Janssen Biotech Inc, Kite, A Gilead Company, Lilly, Merck, Novartis, Nurix Therapeutics Inc, Pfizer Inc, SERB Pharmaceuticals
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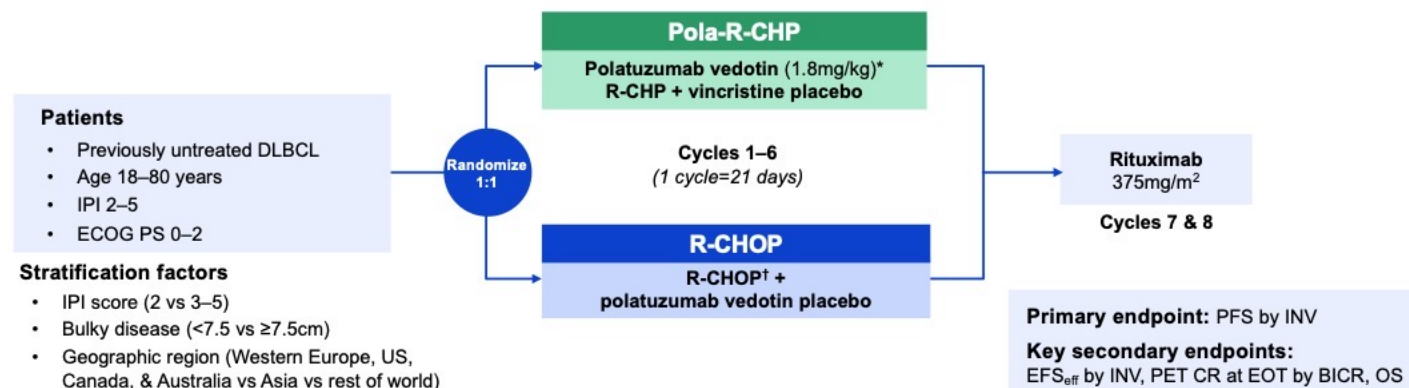
CD79b is ubiquitously expressed on DLBCL cells¹⁻³



Pola+R/G-CHP demonstrated activity in first-line DLBCL⁴



POLARIX study design



		Pola-R-CHP	R-CHOP	Total	Median PFS follow-up	Median OS follow-up
Global population	ITT [†]	440	439	879	54.9 months	64.1 months
	Safety evaluable [§]	435 [†]	438 [#]	873		

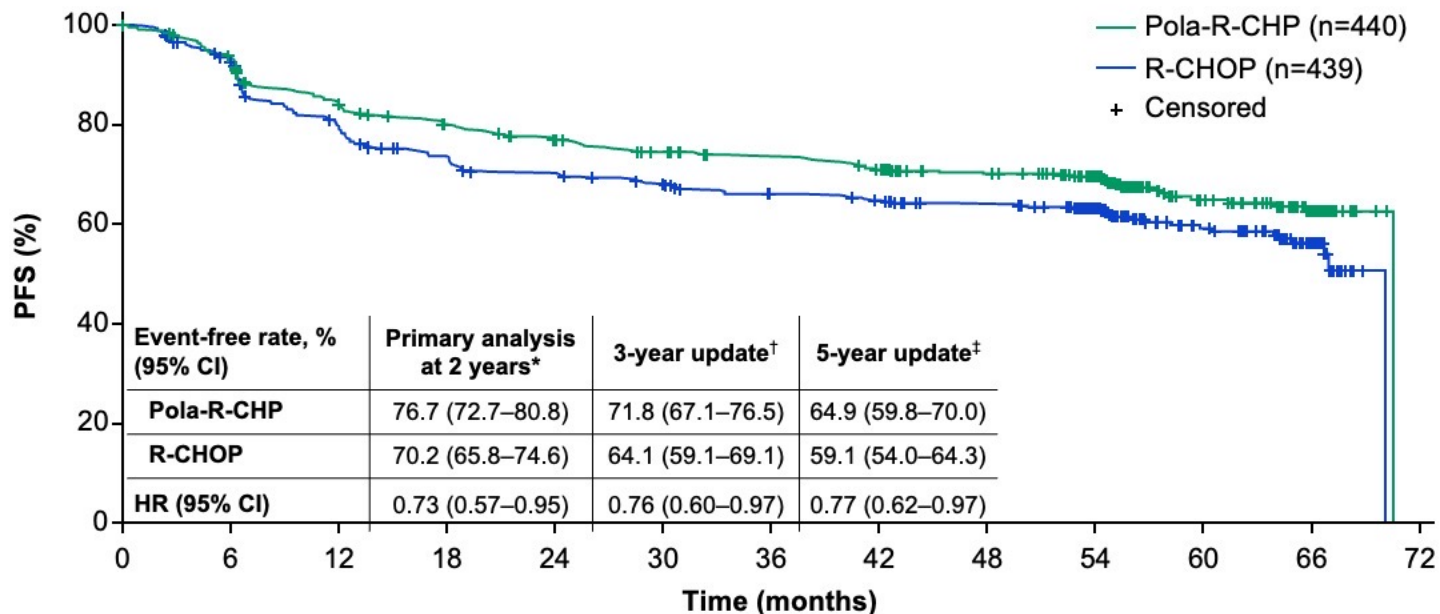
*IV on Day 1; †R-CHOP: IV rituximab 375mg/m², cyclophosphamide 750mg/m², doxorubicin 50mg/m², and vincristine 1.4mg/m² (max. 2mg) on Day 1, plus oral prednisone 100mg once daily on Days 1–5; †As randomized population; ‡As treated population; §One patient was randomized to Pola-R-CHP but did not receive polatuzumab vedotin; #One patient was randomized to R-CHOP but did not receive vincristine.
BICR, blinded independent central review; CR, complete response; DLBCL, diffuse large B-cell lymphoma; ECOG PS, Eastern Cooperative Oncology Group performance status; EFS_{eff}, event-free survival (efficacy); EOT, end of treatment; INV, investigator; IPI, International Prognostic Index; OS, overall survival; PET, positron emission tomography; PFS, progression-free survival; R, randomized; R-CHOP, rituximab, cyclophosphamide, doxorubicin, vincristine and prednisone. Tilly H, et al. *N Eng J Med* 2022;386:351–63.

1. Dornan D, et al. *Blood* 2009;114:2721–9;
2. Polson AG, et al. *Expert Opin Invest Drugs* 2011;20:75–85;
3. Doronina SO, et al. *Nat Biotechnol* 2003;21:778–84;
4. Tilly H, et al. *Lancet Oncol* 2019;20:998–1010
5. Tilly H et al. *N Eng J Med*. 2022;386(4):351-363.

Initial PFS benefit of Pola-R-CHP over R-CHOP is maintained at 5 years

UPDATED ANALYSIS

PFS in the global ITT population



Patients remaining at risk

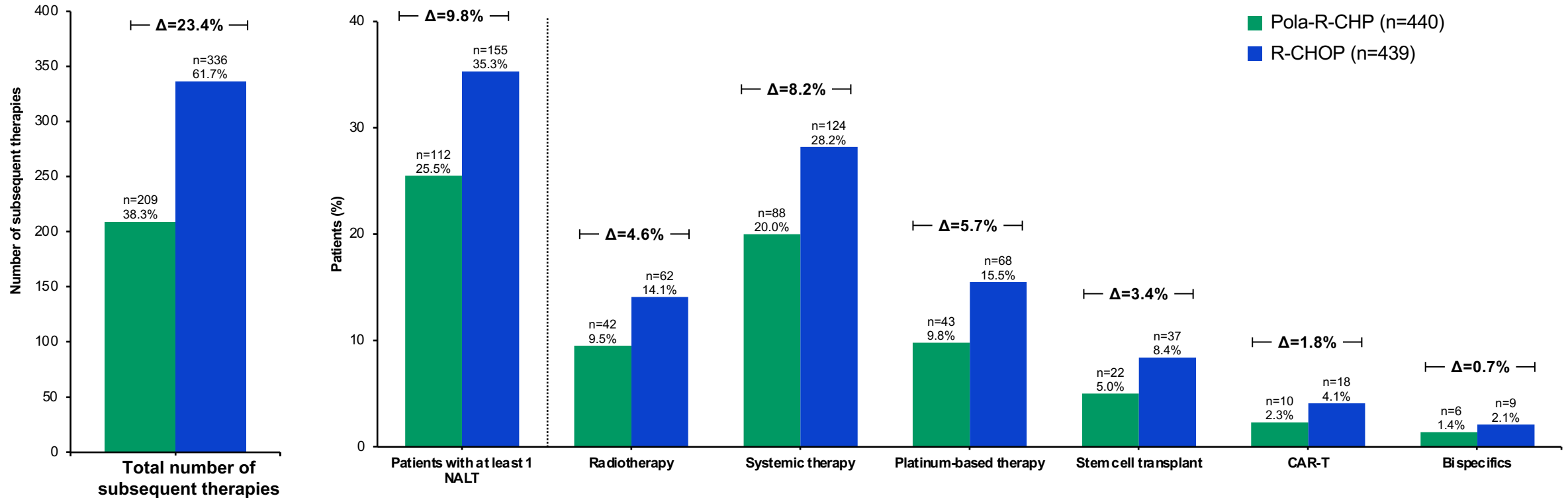
Pola-R-CHP	440	407	357	335	318	303	292	280	258	213	100	56	NE
R-CHOP	439	391	332	302	287	274	258	251	240	192	95	54	NE

At the 5-year follow up, Pola-R-CHP had a sustained and significant PFS benefit, confirming results from the primary analysis of PFS at 2 years of follow up (HR 0.73).¹

*Data cut-off: June 28, 2021; †Data cut-off: June 15, 2022; ‡Data cut-off: July 5, 2024.
CI, confidence interval; HR, hazard ratio; NE, not evaluable.

Patients treated with Pola-R-CHP required 23% fewer subsequent therapies versus patients treated with R-CHOP

Subsequent therapies in the global ITT population



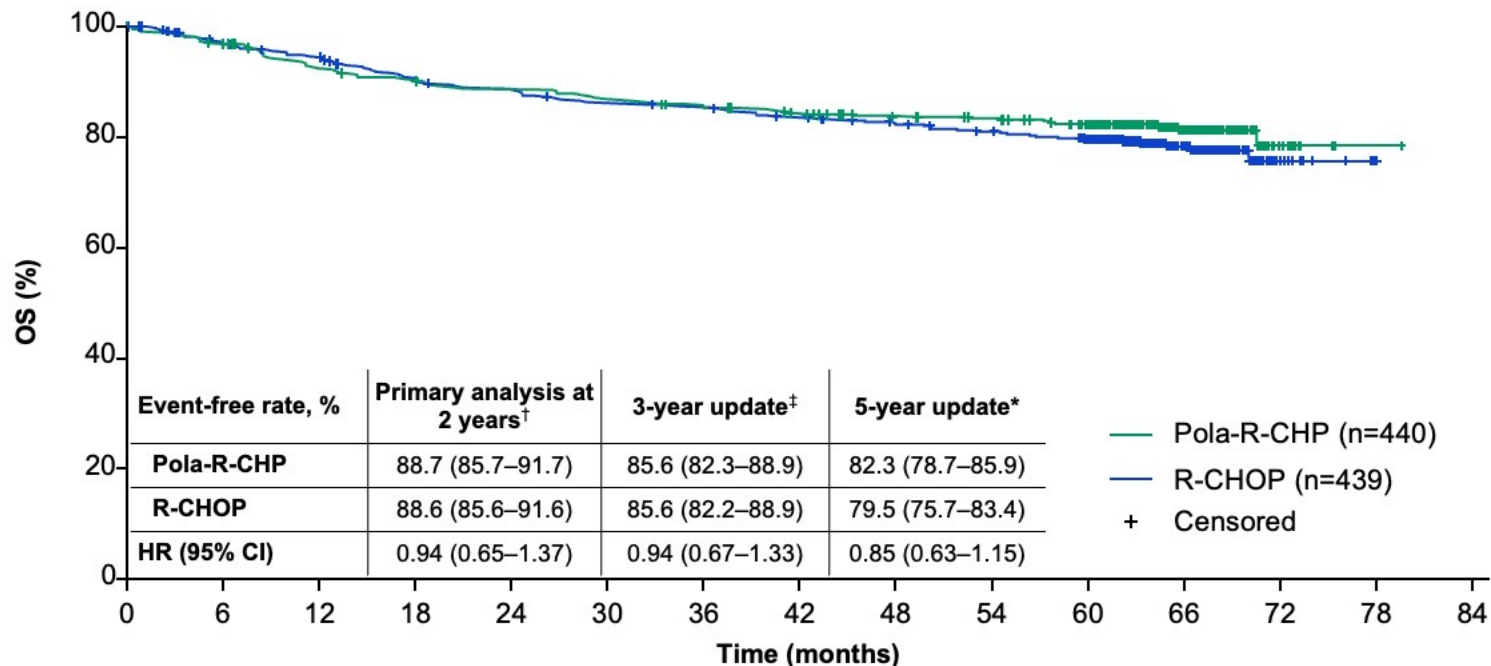
Patterns of subsequent therapies received on study mirror routine clinical care at the time of study conduct.

Data cut-off: July 5, 2024.

CAR-T, chimeric antigen receptor T-cell therapy; NALT, new anti-lymphoma treatment.

Polarix: 5-year overall survival

OS in the global population*



Deaths, n [§]	Pola-R-CHP (n=440)	R-CHOP (n=439)
Primary analysis at 2 years [†]	53	57
5-year update [*]	79	91

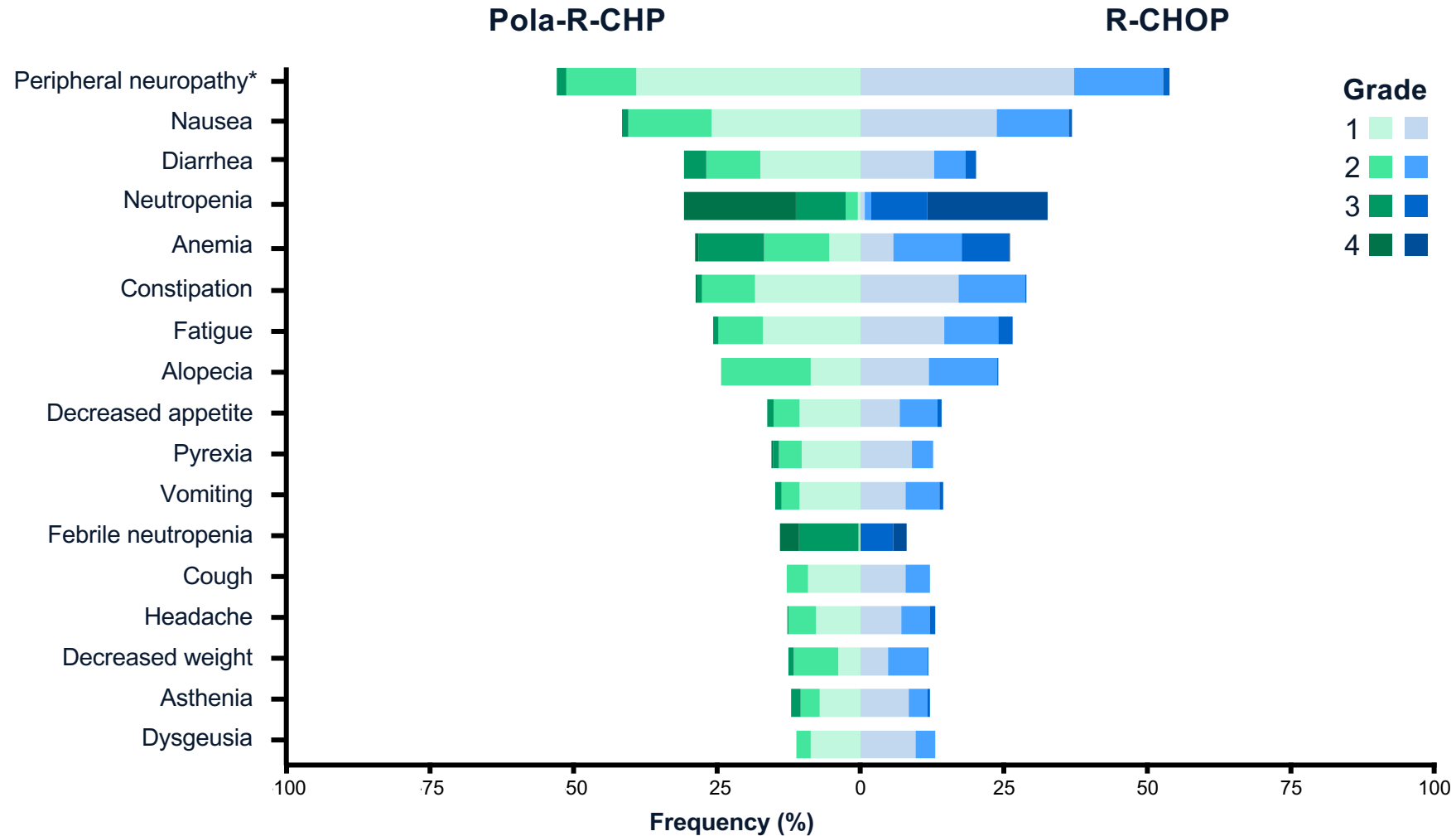
Patients remaining at risk

Pola-R-CHP	440	424	399	389	381	373	366	355	343	338	319	124	12	1	NE
R-CHOP	439	415	403	382	372	361	357	347	338	329	311	128	13	1	NE

After 5 years of follow-up, numerically fewer deaths were observed in the Pola-R-CHP versus R-CHOP arm, with an associated HR of 0.85 (0.63–1.15).

*Data cut-off: July 5, 2024; [†]Data cut-off: June 28, 2021; [‡]Data cut-off: June 15, 2022; [§]In addition to the known deaths, there were two patients (one in the Pola-R-CHP arm and one in the R-CHOP arm) who died due to an unknown cause and an unknown death date and were not counted as death events in the OS analysis.

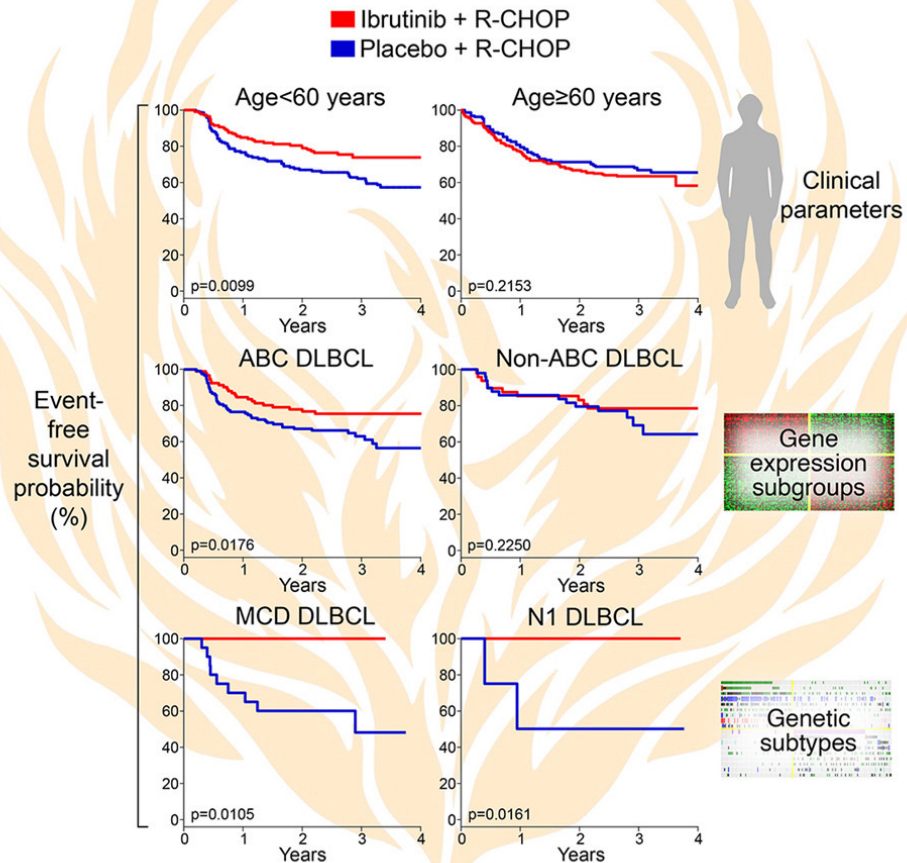
POLARIX: Common Adverse Events



Data cut-off: June 28, 2021. Adverse events are Medical Dictionary for Regulatory Activities version 24.0 preferred terms; shown are all-grade adverse events occurring in $\geq 12\%$ of patients in any treatment arm. *Peripheral neuropathy is defined by standard organ class group of preferred terms.

Despite Phoenix (R-CHOP +/- Ibrutinib) being a negative study, further analyses support evaluating BTK inhibition for DLBCL subsets

Phoenix Phase III Clinical Trial in Previously Untreated Non-GCB Diffuse Large B Cell Lymphoma



- BTK inhibitor ibrutinib plus R-CHOP is effective in younger patients with ABC DLBCL
- Genetic subtypes of DLBCL differ in genotype, phenotype, and oncogenic mechanisms
- MCD and N1 subtypes acquire mutations that promote chronic active BCR signaling
- Patients with the MCD and N1 subtypes have 100% survival with ibrutinib plus R-CHOP

Preliminary Results from a Phase II Trial of Frontline Acalabrutinib + DA-EPOCH-R or R-CHOP in DLBCL

Previously Untreated

Patients ≥ 18 yr and ECOG PS 0-2 DLBCL or HGBL, including ABC DLBCL, GCB DLBCL, unclassified DLBCL, and double-hit or triple-hit HGBL (n = 34)

- Patients who completed tx: n = 27
- Achieved a CR: 100%
- Relapsed: n = 1
- Deaths: n = 1
- After median follow-up of 9.2 mo, 1-yr PFS: 84.9%

Tx Window

Acalabrutinib
100 mg BID
for 14 d

Tumor Size Reduction

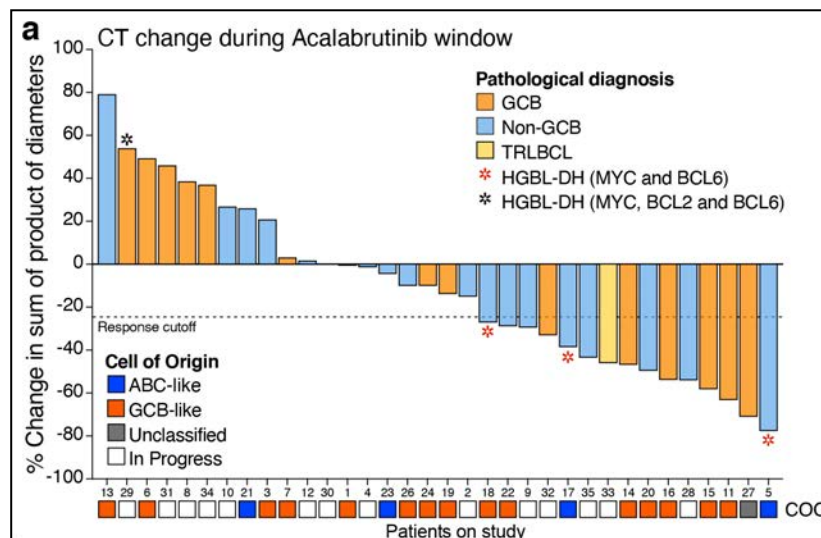
<25%

$\geq 25\%$

Combination Tx

DA-EPOCH-R or R-CHOP for 4-6 cycles

DA-EPOCH-R or R-CHOP for 4-6 cycles
+ Acalabrutinib for 10 days/cycle



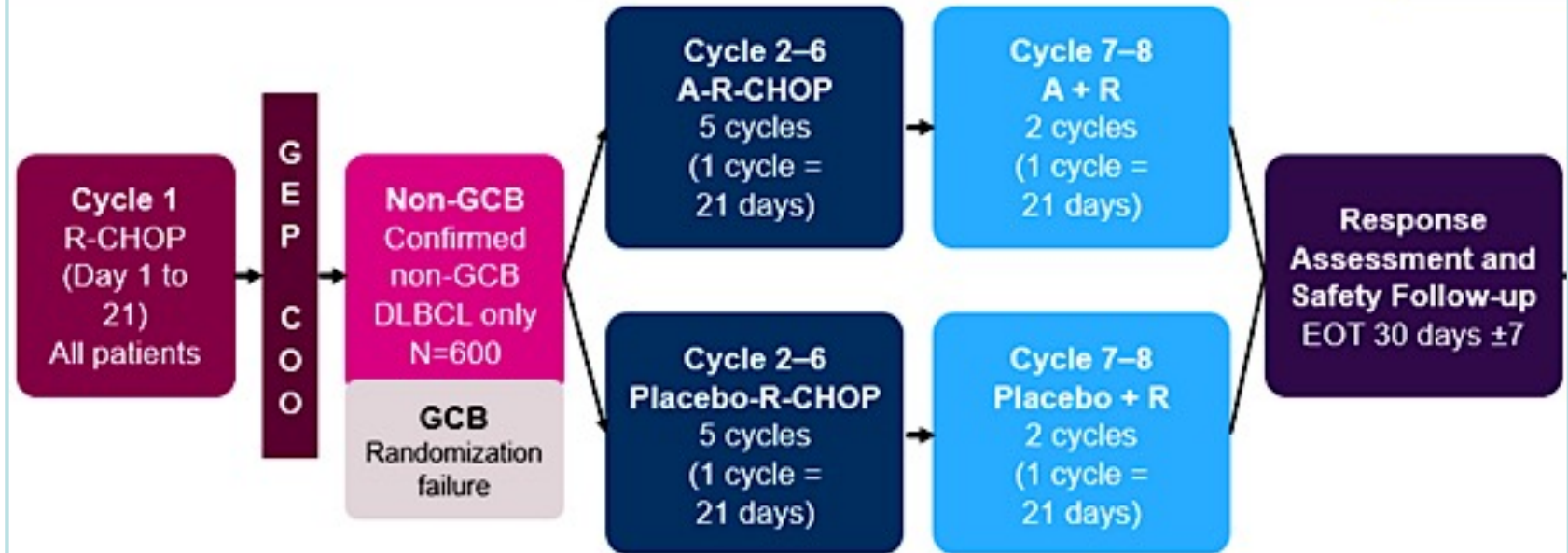
AEs Across 156 Cycles in 34 Patients, %	Acala + R-Chemo	
	Gr 3	Gr 4
Neutropenia	50	38
Thrombocytopenia	22	12
No increase in infections, atrial fibrillation, or bleeding with acalabrutinib		

Learnings from PHOENIX informed the ESCALADE design

- Age ≤ 65 yo - instead of age-all comers
- COO by GEP – instead of IHC
- G-CSF – mandatory
- 1st R-CHOP cycle prior to randomization

Key Inclusion Criteria

- 18 - 65 years
- Histologically documented DLBCL
 - FFPE tumor tissue sample sent to the central laboratory prior to C1D1
 - Central laboratory confirmation by GEP of non-GCB subtype of DLBCL
- No prior treatment for DLBCL
- ECOG 0-2
- IPI 2-5
- Stage II-IV
- Measurable lesion by CT with contrast (or MRI)



Primary objective:

A+R-CHOP vs P+R-CHOP efficacy: INV assessed PFS

Key secondary objectives:

A+R-CHOP vs P+R-CHOP efficacy:

- INV assessed EFS
- BICR assessed CR rate at end of study treatment
- OS

Treatment and Duration:

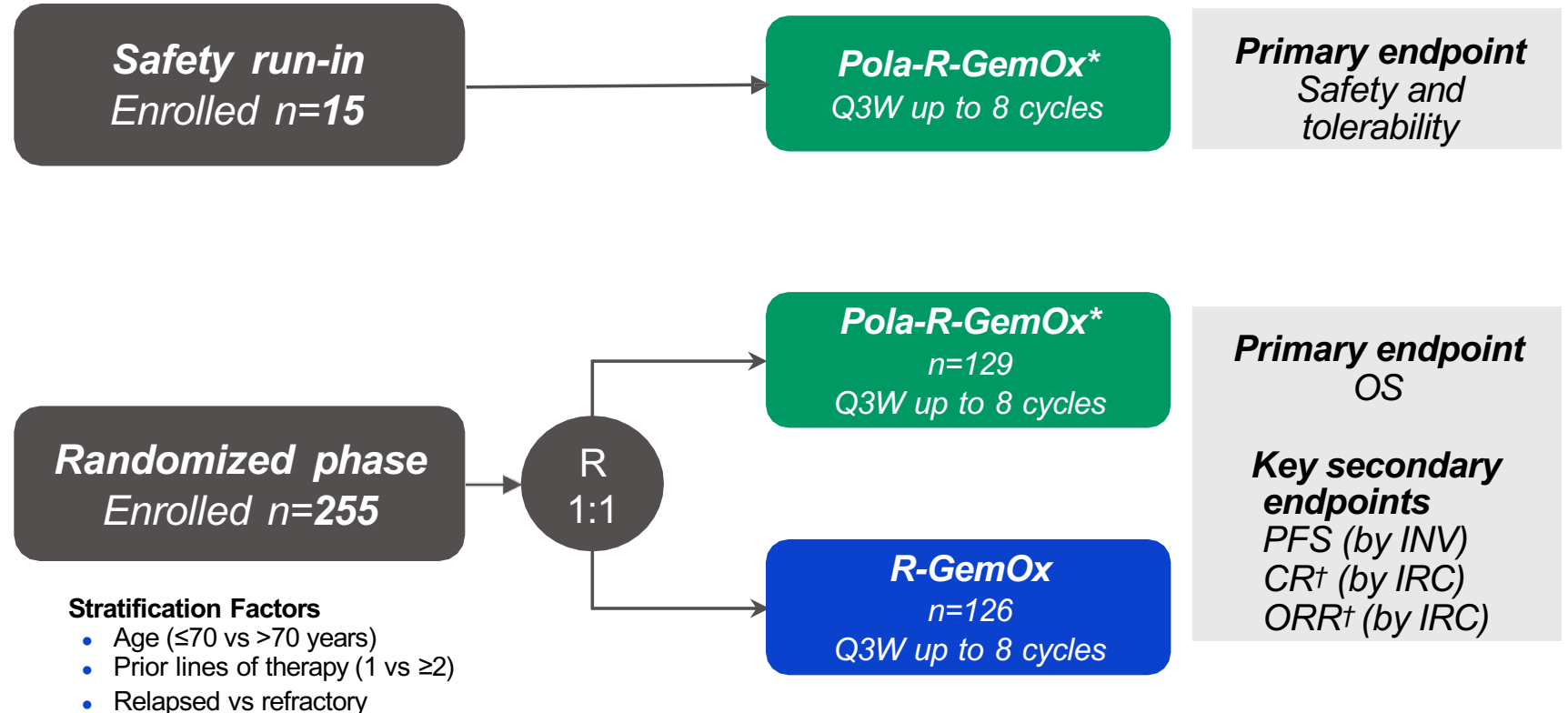
- R-CHOP given every 21 days for 6 cycles starting on C1D1
- From Cycle 2 (randomized on Cycle 2 (C2D1)) to Cycle 6, pts with non-GCB DLBCL will receive either Acalabrutinib 100 mg twice daily plus R-CHOP or placebo plus R-CHOP
- Followed by 2 additional cycles of Rituximab + Acalabrutinib or placebo in Cycle 7 and Cycle 8, as 8 cycles of rituximab is recognized as a common standard per ESMO guidelines with 6 cycles of CHOP

Interim and Final Analysis: One interim analysis for futility only and the final analysis will occur when **102** (45% of final) and **227**, respectively, INV-assessed PFS events combined in Arms A and B have been observed. IA is projected to occur 40 months after first subject randomized (FSR).

POLARGO: randomized Phase III trial in patients with transplant-ineligible R/R DLBCL

Key eligibility criteria

- DLBCL, NOS or history of transformation of indolent disease to DLBCL
- R/R disease after ≥ 1 prior line of treatment
- Ineligible for transplant



*Polatuzumab vedotin (1.8 mg/kg) plus R-GemOx (R, 375 mg/m²; Gem, 1000 mg/m²; Ox, 100 mg/m²). †PET-CT at EOT.
EOT, end of treatment; INV, investigator; IRC, independent review committee; NOS, not otherwise specified; ORR, overall response rate;
PET-CT, positron emission tomography and computed tomography; Q3W, every 3 weeks.

POLARGO Baseline characteristics

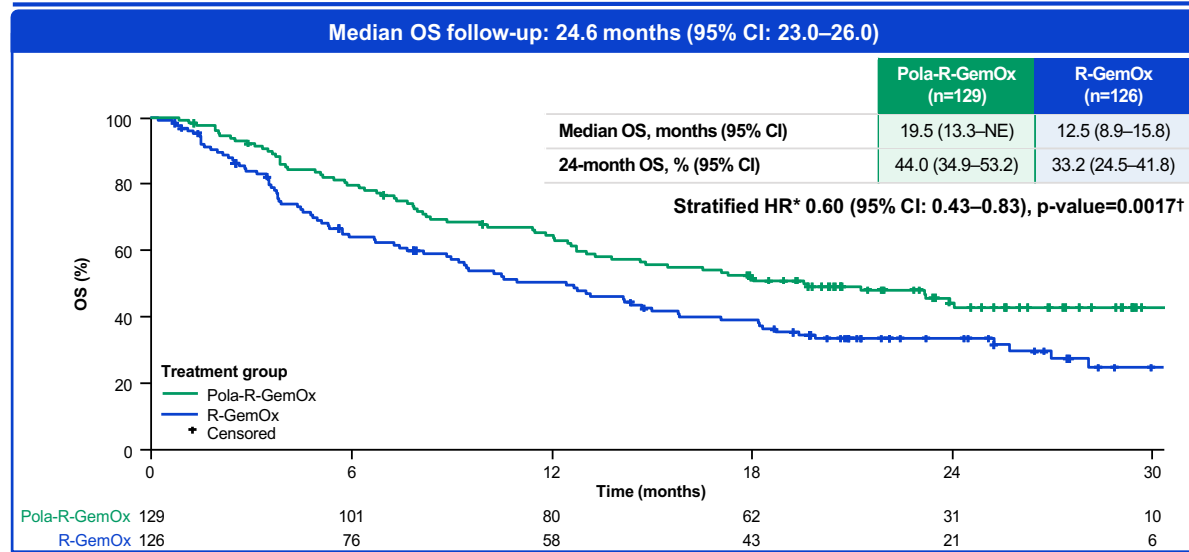
n (%), unless otherwise stated		Pola-R-GemOx (n=129)	R-GemOx (n=126)
Age, years	Median (range)	67 (20–85)	64 (24–89)
	>70 years	45 (34.9)	44 (34.9)
Geographical region	Western Europe, United States, Canada	32 (24.8)	37 (29.4)
	China, South Korea	42 (32.6)	34 (27.0)
	Brazil, Mexico, India, Turkey	55 (42.6)	55 (43.7)
ECOG PS	0–1	115 (89.1)	110 (87.3)
	2	14 (10.9)	16 (12.7)
Ann Arbor stage	I–II	32 (24.8)	28 (22.2)
	III–IV	97 (75.2)	98 (77.8)
IPI risk factor	0–2	66 (51.2)	63 (50.0)
	3–5	63 (48.8)	63 (50.0)
Histopathologic diagnosis	DLBCL, NOS	116 (89.9)	116 (92.1)
	Transformation from indolent disease	13 (10.1)	10 (7.9)
Bulky disease (≥7.5cm)	Present	23 (17.8)	25 (19.8)
Prior lines of therapy for lymphoma	1	81 (62.8)	81 (64.3)
	≥2	48 (37.2)	45 (35.7)
Primary refractory (DLBCL, NOS)	Yes	65/116 (56.0)	71/116 (61.2)
R/R to last prior therapy	Refractory	85 (65.9)	83 (65.9)
Cell of origin (central, GEP)	ABC	41 (31.8)	45 (35.7)
	GCB	48 (37.2)	50 (39.7)
	Unclassified	11 (8.5)	9 (7.1)
	Unknown	29 (22.5)	22 (17.5)

All baseline characteristics are determined at study entry.

ABC, activated B-cells; ECOG PS, Eastern Cooperative Oncology Group performance status; GEP, gene expression profiling; GCB, germinal center derived B-cells; IPI, international prognostic index.

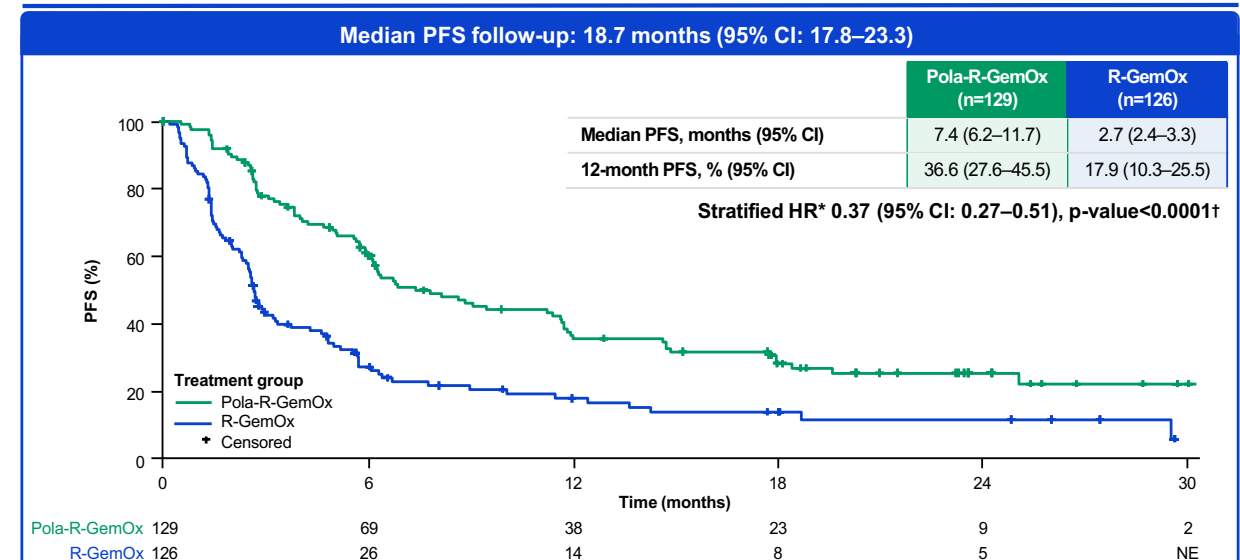
POLARGO Primary and secondary endpoints: Adding Polatuzumab to R-GemOx improved OS and PFS

Pola-R-GemOx significantly improved OS vs R-GemOx in patients with R/R DLBCL



*Stratified for age (≤ 70 vs > 70 years), prior lines of systemic therapy (1 vs ≥ 2), outcome of last systemic therapy (relapsed vs refractory). †Log rank. CI, confidence interval; HR, hazard ratio; NE, not estimable.

Pola-R-GemOx achieved significant improvement in PFS vs R-GemOx



PFS is censored at earliest subsequent therapy or two or more missing tumor assessments. *Stratified for age (≤ 70 vs > 70 years), prior lines of systemic therapy (1 vs ≥ 2), outcome of last systemic therapy (relapsed vs refractory). †Log rank.

POLARGO: Survival benefit seen in both ABC and GCB cell of origin subgroups

Overall survival

Biomarker risk factors	Total n	N	Pola-R-GemOx (n=129)		R-GemOx (n=126)		HR	95% Wald CI	Pola-R-GemOx better R-GemOx better
			Events	Median (months)	n	Events			
All patients	255	129	69	19.5	126	83	12.5	0.64 (0.47–0.89)	
Cell of origin (central)									
ABC	86	41	22	23.2	45	30	10.5	0.53 (0.31–0.93)	
GCB	98	48	23	23.9	50	33	11.0	0.54 (0.32–0.93)	
Unclassified	20	11	6	12.7	9	6	14.2	0.89 (0.28–2.84)	
Unknown	51	29	18	16.5	22	14	18.2	1.01 (0.50–2.02)	

Progression-free survival

Biomarker risk factors	Total n	n	Pola-R-GemOx (n=129)		R-GemOx (n=126)		HR	95% Wald CI	Pola-R-GemOx better R-GemOx better
			Events	Median (months)	n	Events			
All patients	255	129	84	7.4	126	98	2.7	0.46 (0.34–0.62)	
Cell of origin (central)									
ABC	86	41	31	7.4	45	40	2.6	0.35 (0.21–0.57)	
GCB	98	48	28	7.9	50	36	2.8	0.47 (0.28–0.77)	
Unclassified	20	11	6	10.3	9	9	2.6	0.42 (0.14–1.24)	
Unknown	51	29	19	4.3	22	13	4.7	0.79 (0.39–1.61)	

POLARGO: Safety data

Selected AEs

n (%)	Pola-R-GemOx (n=128)	R-GemOx (n=125)
Thrombocytopenia* Grade ≥3	68 (53.1) 44 (34.4)	51 (40.8) 33 (26.4)
Neutropenia* Grade ≥3	53 (41.4) 43 (33.6)	52 (41.6) 38 (30.4)
Febrile neutropenia† Grade ≥3	3 (2.3) 3 (2.3)	3 (2.4) 3 (2.4)
Anemia* Grade ≥3	48 (37.5) 17 (13.3)	35 (28.0) 19 (15.2)
Infections* Grade ≥3	53 (41.4) 28 (21.9)	39 (31.2) 12 (9.6)
Hepatic toxicity* Grade ≥ 3	41 (32.0) 11 (8.6)	25 (20.0) 2 (1.6)

*Custom grouped terms. †Based on preferred term.

Peripheral neuropathy

n (%), unless otherwise specified	Pola-R-GemOx (n=128)	R-GemOx (n=125)
Any Grade PN*	73 (57.0)	36 (28.8)
Grade 1	48 (37.5)	29 (23.2)
Grade 2	20 (15.6)	7 (5.6)
Grade 3	5 (3.9)	0
Median time to onset, months (range)	1.6 (0–8.0)	0.9 (0–4.4)
PN AEs leading to any study drug discontinuation	4 (3.1)	0
Polatuzumab vedotin discontinuation	3 (2.3)	N/A
Number of PN AEs leading to any dose reduction	13 (10.2)	4 (3.2)
Polatuzumab vedotin reduction	13 (10.2)	N/A
Patients with all PN AEs resolved or improved	37 (50.7)	21 (58.3)
Patients with all PN AEs resolved	28 (38.4)	21 (58.3)

*Custom grouped terms.
N/A, not applicable; PN, peripheral neuropathy.

Updated Results From LOTIS-2, Loncastuximab Tesirine Pivotal Phase 2 Study in Patients With Relapsed/Refractory DLBCL

LOTIS-2 (NCT03589469): a multicenter, open-label, single-arm, phase 2 study

Patient population

R/R DLBCL^a after ≥ 2 prior lines of systemic therapy, including the following:

- DLBCL NOS
- Primary mediastinal large B-cell lymphoma
- HGBCL with *MYC* and *BCL2* and/or *BCL-6* rearrangements

Primary end point

ORR by IRC of PET-CT (Lugano 2014 criteria)

Lonca (IV) was administered as a single, 30-minute outpatient infusion Q3W

0.15 mg/kg

0.075 mg/kg

First 2 cycles

Cycle 3+: 1 year of Lonca

Treatment until progressive disease or unacceptable toxicity, up to 1 year (patients followed for up to 3 years)

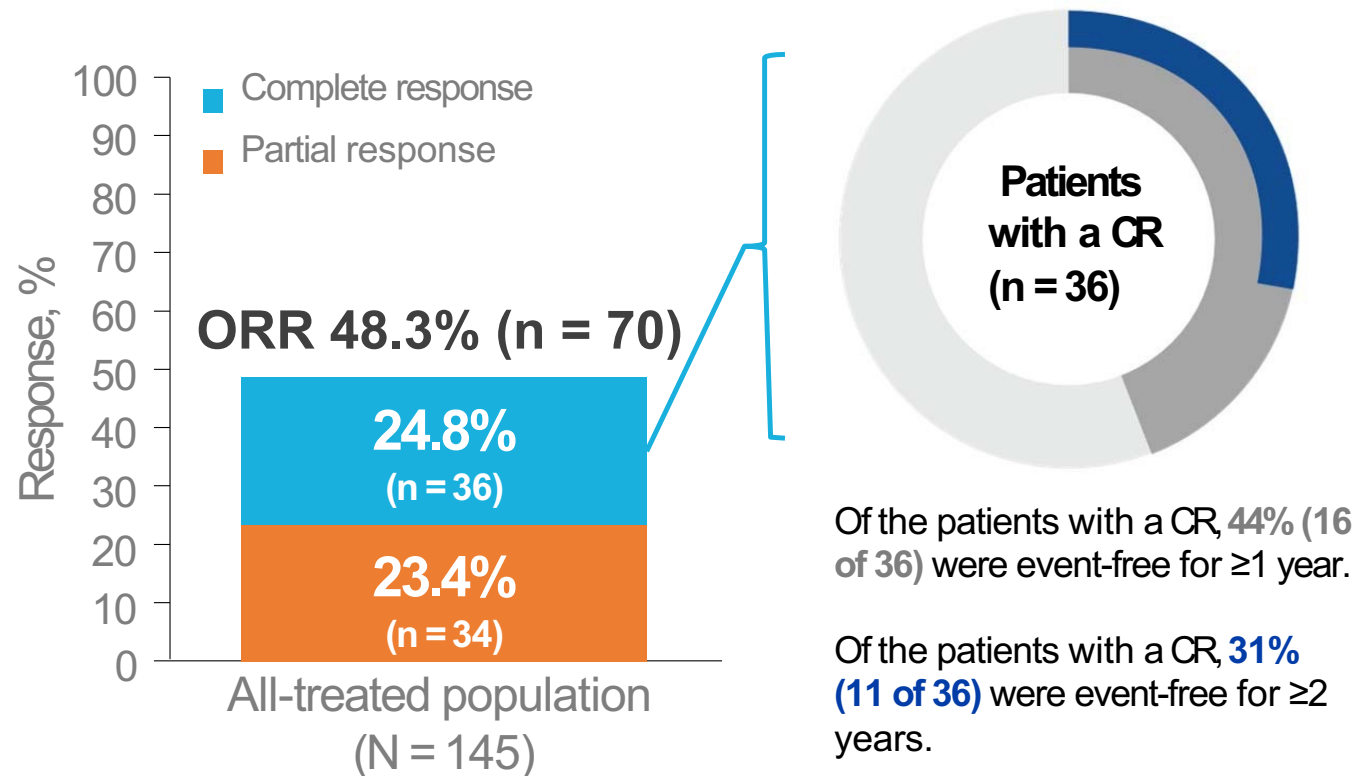
Key inclusion/exclusion criteria

- Male or female patients ≥ 18 years of age
- Pathologic diagnosis of R/R DLBCL following ≥ 2 multiagent systemic treatment regimens
- ECOG performance status of 0-2
- No bulky disease (≥ 10 cm in longest dimension, per protocol amendment 2)

^aDefined by the 2016 WHO classification.

CT, computed tomography; DLBCL, diffuse large B-cell lymphoma; ECOG, Eastern Cooperative Oncology Group; HGBCL, high-grade B-cell lymphoma; IRC, independent review committee; IV, intravenous; Lonca, loncastuximab tesirine-lpyl; NOS, not otherwise specified; ORR, overall response rate; PET, positron emission tomography; Q3W, every 3 weeks; R/R, relapsed/refractory.

Overall Response Rate and Long-term Responses Observed in the All-Treated Population



Median (range) number of treatment cycles	
All-treated population	3.0 (1-26)
Pts with a CR	8.0 (1-26)
Pts with a CR, event-free ≥1 year ^a	12.5 (1-26)
Pts with a CR, event-free ≥2 years ^a	13.0 (1-22)

Data cutoff: September 15, 2022.

The median duration of follow-up was 7.8 months (range, 0.3-42.6 months) in the all-treated population and 35.0 months (range, 4.4-42.6 months) in patients with a CR.

^aEvent-free is defined as no progressive disease or death starting from day 1, cycle 1 of Lonca treatment.

CR, complete response; Lonca, loncastuximab tesirine-lpyl; ORR, overall response rate; pts, patients.

LOTIS-2: All-Grade and Grade ≥ 3 Adverse Events

TEAEs, any grade in $\geq 30\%$ of patients	All-treated population, N = 145	Patients with a CR, n = 36
Patients with any TEAE	98.6%	100%
Increased GGT	42%	50%
Neutropenia	40%	42%
Thrombocytopenia	33%	36%
Anemia	26%	36%
Peripheral edema	20%	33%
Nausea	23%	31%

TEAEs, grade ≥ 3 in $\geq 10\%$ of patients	All-treated population, N = 145	Patients with a CR, n = 36
Patients with any TEAE	73.8%	75%
Neutropenia	26%	28%
Thrombocytopenia	18%	19%
Increased GGT	17%	19%
Anemia	10%	8.3%
Leukopenia	9%	14%
Hypophosphatemia	6%	11%

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

Data cutoff: September 15, 2022.

CR, complete response; GGT, gamma-glutamyltransferase; TEAE, treatment emergent adverse events.

LOTIS-5: Randomized Trial of Lonca-T versus IC in Patients With R/R DLBCL/HGBL

PHASE 3 LOTIS-5 TRIAL

Eligibility criteria

- ✓ R/R DLBCL/HGBL
- ✓ ≥1 prior systemic therapy
- ✓ Not a candidate for SCT

Part 1: Safety run-in (N=20)

Lonca-R

Part 2: Lonca-R vs R-GemOx (N≈420)

Lonca-R

R-GemOx

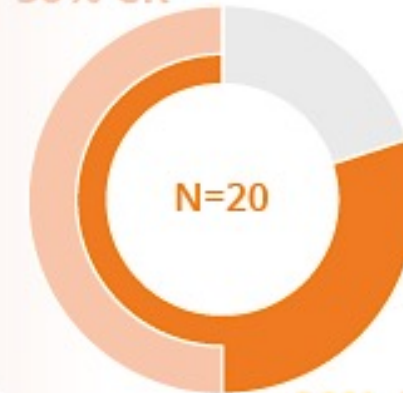
Up to 8 cycles of treatment

UPDATED SAFETY RUN-IN RESULTS

Median duration of follow-up:
37.2 (range, 34.1-41.5) months

EFFICACY

50% CR



80% ORR

Median DOR: 8.0 months
Median PFS: 8.3 months

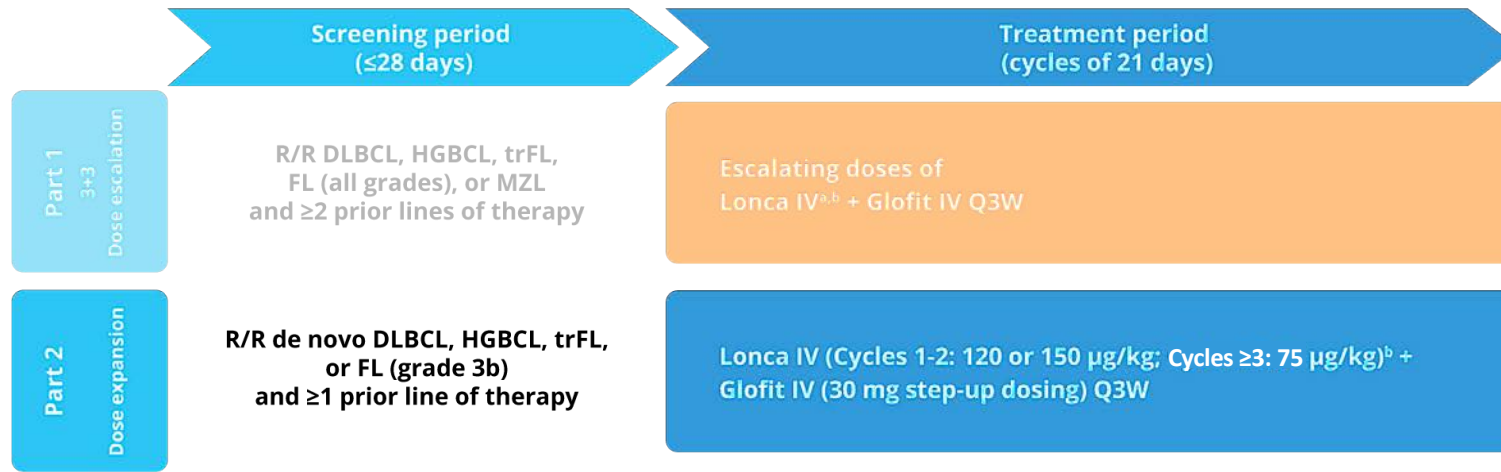
SAFETY

- There were no new safety signals
- The most common grade ≥3 TEAEs were increased GGT (n=5) and neutropenia (n=4)

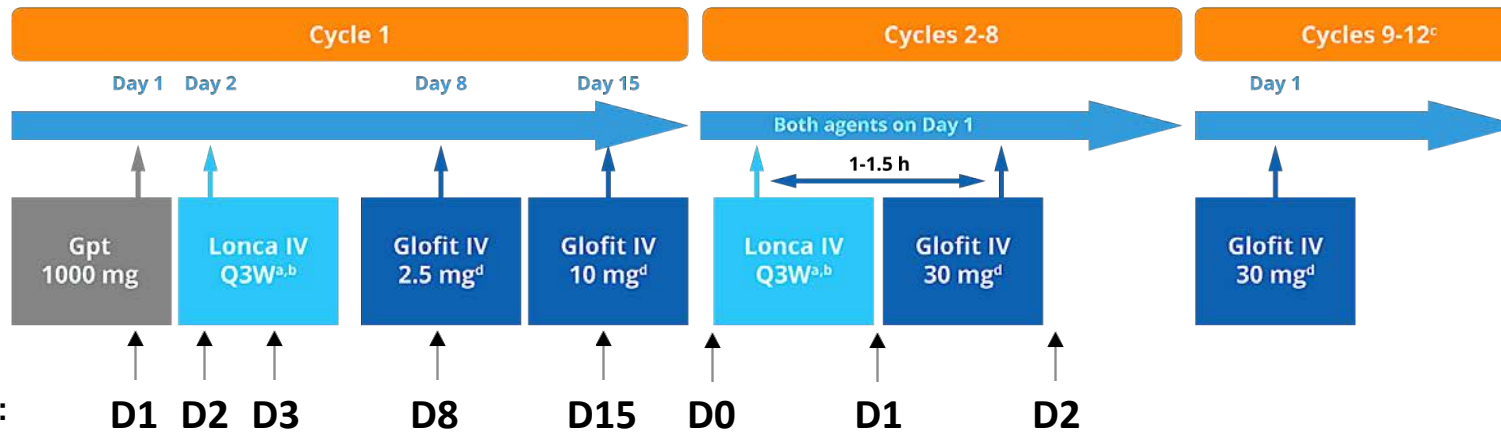
BIOMARKERS

- CD19 IHC staining was not predictive of efficacy
- Response to therapy was associated with early ctDNA decrease
- All 3 CR patients with ctDNA results were MRD negative at C3D1

LOTIS-7: Lonca-T plus Glofitamab: Study Design & Patient Population



Lonca + Glofit treatment sequence



Study population

- Patients with 3L+ R/R B-NHL (part 1) and 2L+ R/R LBCL (part 2)
- ECOG PS score of 0-2
- Prior autologous SCT (>100 days) or CAR-T therapy (>100 days) is allowed
- Measurable disease (per 2014 Lugano Classification)
- Excludes patients with clinically significant third-space fluid accumulation

Endpoints

- **Primary:** safety and tolerability; MTD and/or RDE
- **Secondary:** ORR, DOR, CR rate, PFS, RFS, and OS; PK and immunogenicity
- **Exploratory:** Glofit concentration in circulation; biomarker and PK correlations with clinical outcomes

LOTIS-7: PATIENT BASELINE CHARACTERISTICS

TREATED POPULATION (N=41)

	Glofit + Lonca, 120 µg/kg ^a (n=20)	Glofit + Lonca, 150 µg/kg ^a (n=21)	All dose levels (N=41)
Age, median (range), y	70 (50-82)	74 (26-85)	71 (26-85)
Male sex, n (%)	11 (55.0)	12 (57.1)	23 (56.1)
ECOG PS score, n (%)			
0	9 (45.0)	14 (66.7)	23 (56.1)
1	10 (50.0)	7 (33.3)	17 (41.5)
2	1 (5.0)	0	1 (2.4)
Ann Arbor disease stage, n (%)			
Stage I/II	3 (15.0)	3 (14.3)	6 (14.6)
Stage III/IV	17 (85.0)	18 (85.7)	35 (85.4)
IPI score, n (%)			
0-2	9 (45.0)	10 (46.7)	19 (46.3)
3-5	11 (55.0)	11 (52.4)	22 (53.7)
Bulky disease, n (%)	2 (10.0)	2 (9.5)	4 (9.8)
LDH levels high, n (%)	11 (55.0)	10 (47.6)	21 (51.2)
LBCL histology, n (%)			
de novo DLBCL	13 (65.0)	17 (81.0)	30 (73.2)
HGBCL	4 (20.0)	2 (9.5)	6 (14.6)
trFL	2 (10.0)	2 (9.5)	4 (9.8)
FL grade 3b	1 (5.0)	0	1 (2.4)

	Glofit + Lonca, 120 µg/kg ^a (n=20)	Glofit + Lonca, 150 µg/kg ^a (n=21)	All dose levels (N=41)
DLBCL subtype, n (%)			
GCB	10 (50.0)	11 (52.4)	21 (51.2)
non-GCB	5 (25.0)	8 (38.1)	13 (31.7)
Double or triple hit, n (%)	3 (15.0)	5 (23.8)	8 (19.5)
Number of prior LOT			
Median (range)	2 (1-4)	2 (1-5)	2 (1-5)
1, n (%)	10 (50.0)	10 (47.6)	20 (48.8)
≥2, n (%)	10 (50.0)	11 (52.4)	21 (51.2)
Refractory status, n (%)			
Refractory to primary therapy	8 (40.0)	13 (61.9)	21 (51.2)
Refractory to last prior therapy	7 (35.0)	13 (61.9)	20 (48.8)
Prior stem cell transplant, n (%)	3 (15.0)	1 (4.8)	4 (9.8)
Prior CAR-T therapy, n (%)	4 (20.0)	4 (19.0)	8 (19.5)

Data cutoff: April 14, 2025.

CAR-T, chimeric antigen receptor T cell; DLBCL, diffuse large B-cell lymphoma; ECOG PS, Eastern Cooperative Oncology Group Performance Status; FL, follicular lymphoma; HGBCL, high-grade B-cell lymphoma; IPI, International Prognostic Index; LBCL, large B-cell lymphoma; LDH, lactate dehydrogenase; Lonca, loncastuximab tesirine; LOT, lines of therapy; trFL, transformed follicular lymphoma.

^aWhen the starting dose of Lonca is 120 µg/kg or 150 µg/kg, the dose will be reduced to 75 µg/kg for Cycles ≥3.

LOTIS-7 SAFETY SUMMARY: CRS/ICANS PROFILE & MANAGEMENT

TREATED POPULATION (N=41)

	120 µg/kg ^b n=20	150 µg/kg ^b n=21	All n = 41
Cytokine Release Syndrome^a			
Any grade	11 (55%)	5 (23.8%)	16 (39.0%)
Grade 1	7 (35%)	5 (23.8%)	12 (29.3%)
Grade 2	3 (15%)	0	3 (7.3%)
Grade 3	1 (5%)	0	1 (2.4%)
Grade 4/5	0	0	0
ICANS^a			
Any grade	2 (10%)	1 (4.8%)	3 (7.3%)
Grade 1	1 (5%)	0	1 (2.4%)
Grade 2	1 (5%)	1 (4.8%)	2 (4.9%)
Grade ≥ 3	0	0	0

Any-grade CRS was less frequent at the Lonca 150 µg/kg starting dose^b (23.8%) than at 120 µg/kg starting dose^b (55.0%)

- Grade 1 and 2 CRS cases managed with tocilizumab, corticosteroids, acetaminophen, and/or fluid bolus, without ICU admittance or pressor support
- Grade 3 CRS case managed with tocilizumab, acetaminophen, dexamethasone, norepinephrine. ICU admittance

- All patients with ICANS had complete resolution of symptoms
 - Two patients resumed treatment and ultimately achieved a CR
 - One patient elected to discontinue treatment
- ICANS managed primarily with corticosteroids

^aNumber of patients who experienced at least 1 event per ASTCT Consensus Grading for Cytokine Release Syndrome and Neurologic Toxicity Associated with Immune Effector Cells; worst grade reported if applicable

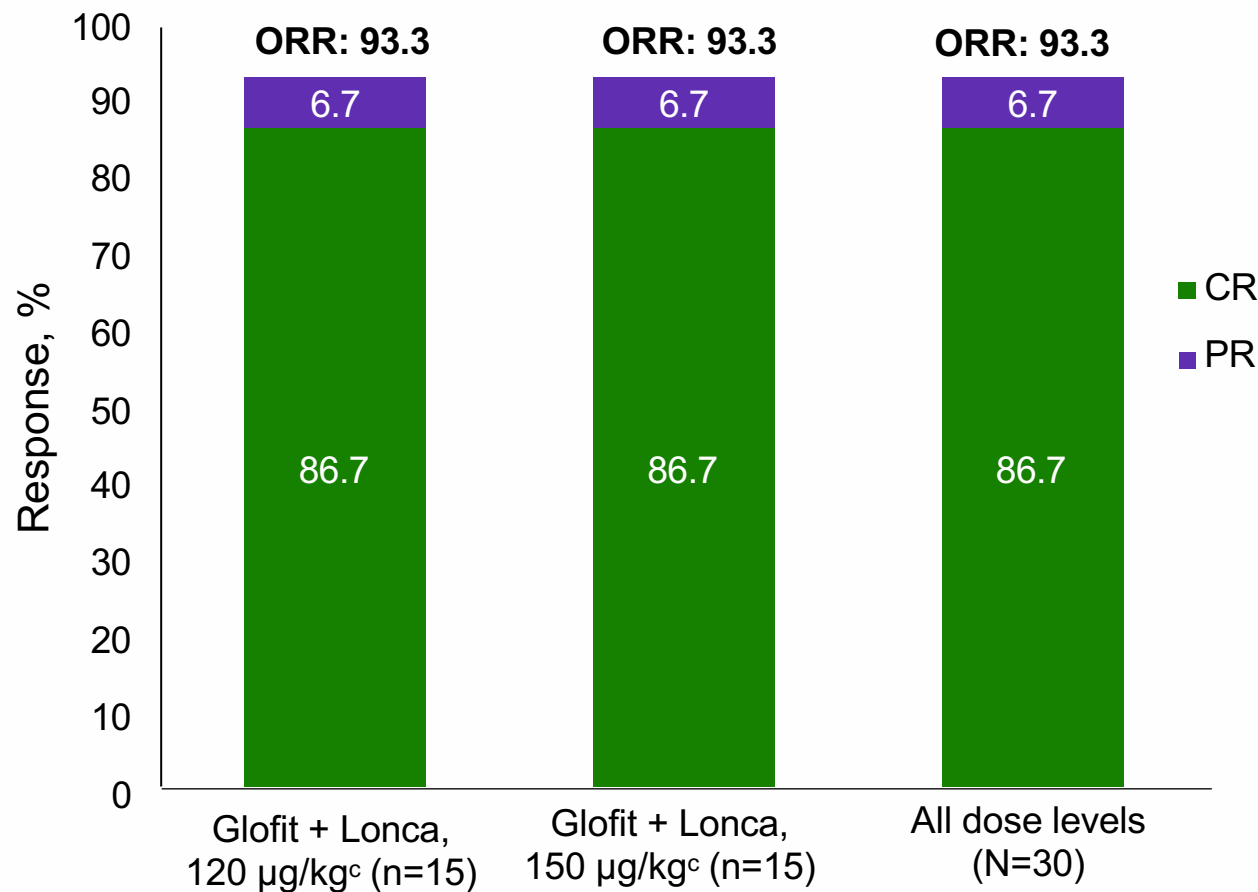
^bWhen the starting dose of Lonca is 120 µg/kg or 150 µg/kg, the dose will be reduced to 75 µg/kg for Cycles ≥3.

Data Cutoff 14 Apr 2025. Data extracted from live clinical database. Data is subject to change.

LOTIS-7: BEST OVERALL RESPONSE & DURATION OF RESPONSE

EFFICACY EVALUABLE POPULATION (N=30)^a

Best overall response^b



Duration of response

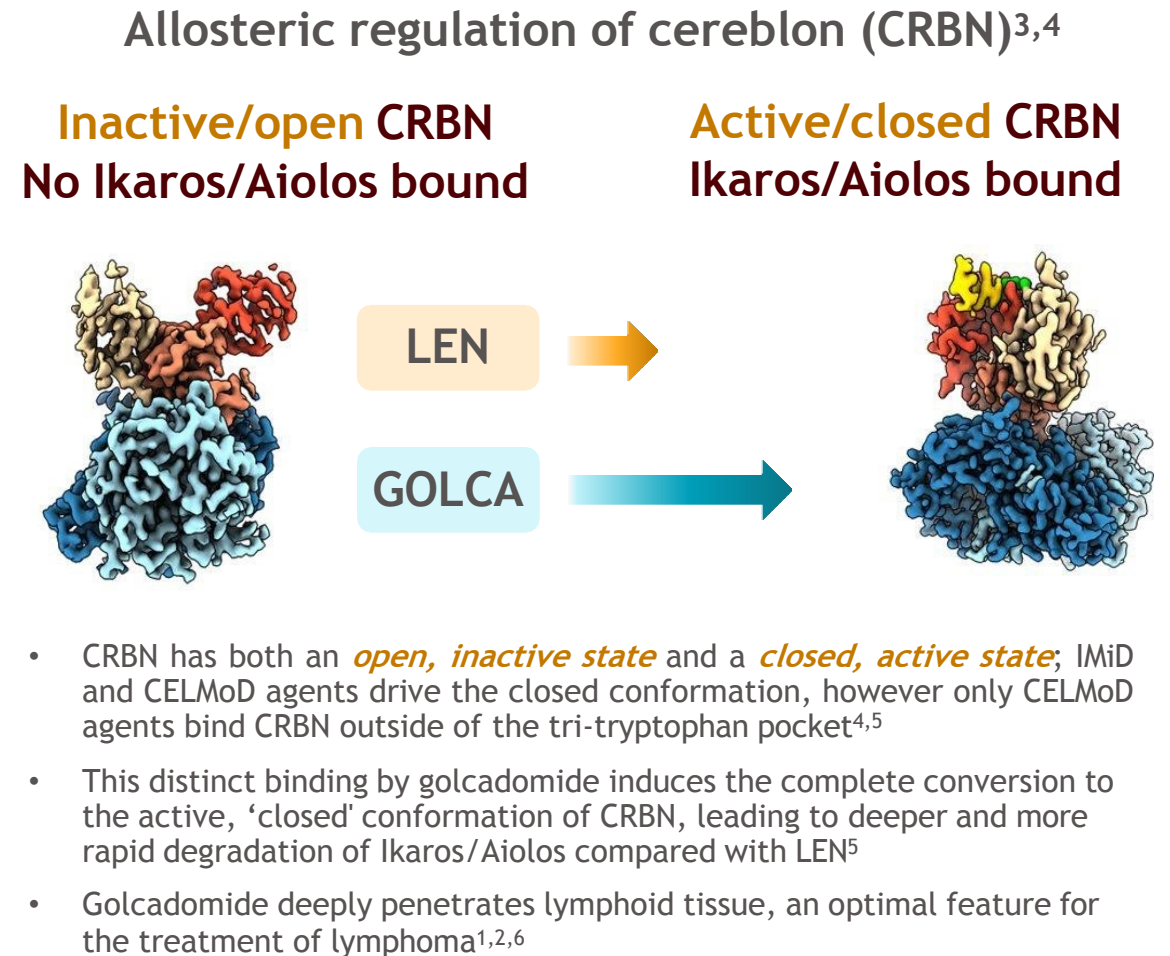
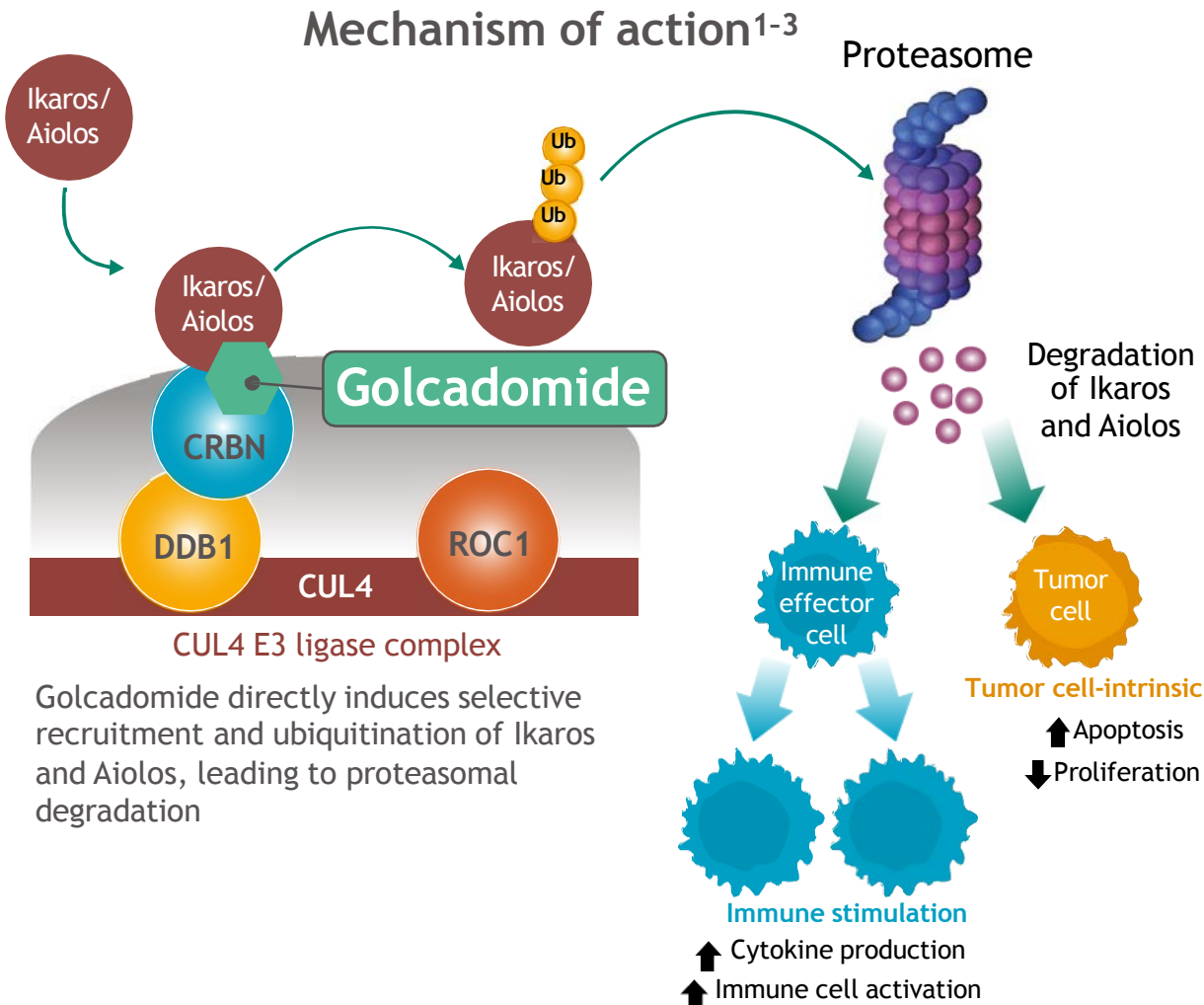
Characteristic, n (%)	Glofit + Lonca, 120 µg/kg ^c (n=15)	Glofit + Lonca, 150 µg/kg ^c (n=15)	All dose levels (N=30)
DOR^d Median	(n=14) NE	(n=14) NE	(n=28) NE
Time to first response (CR or PR) Median, days	(n=14) 42.0	(n=14) 42.0	(n=28) 42.0
Time to first CR Median, days	(n=13) 80.0	(n=13) 42.0	(n=26)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

Data cutoff: April 14, 2025.

CR, complete response; DOR, duration of response; Glofit, glofitamab; Lonca, loncastuximab tesirine; NE, not estimable; ORR, overall response rate; PR, partial response.

^aThe efficacy evaluable population (N=30) included all patients who received ≥1 dose of the study drug with a valid baseline and ≥1 valid postbaseline disease assessment. Patients who did not have a postbaseline assessment owing to early clinical progression or death were also included. ^bPercentages do not add up to total due to rounding. ^cWhen the starting dose of Lonca is 120 µg/kg or 150 µg/kg, the dose will be reduced to 75 µg/kg for Cycles ≥3. ^dIn the efficacy evaluable population, the DOR and probability of maintaining an event-free response were evaluated in responders (n=28), including all patients who had a best response of CR or PR.

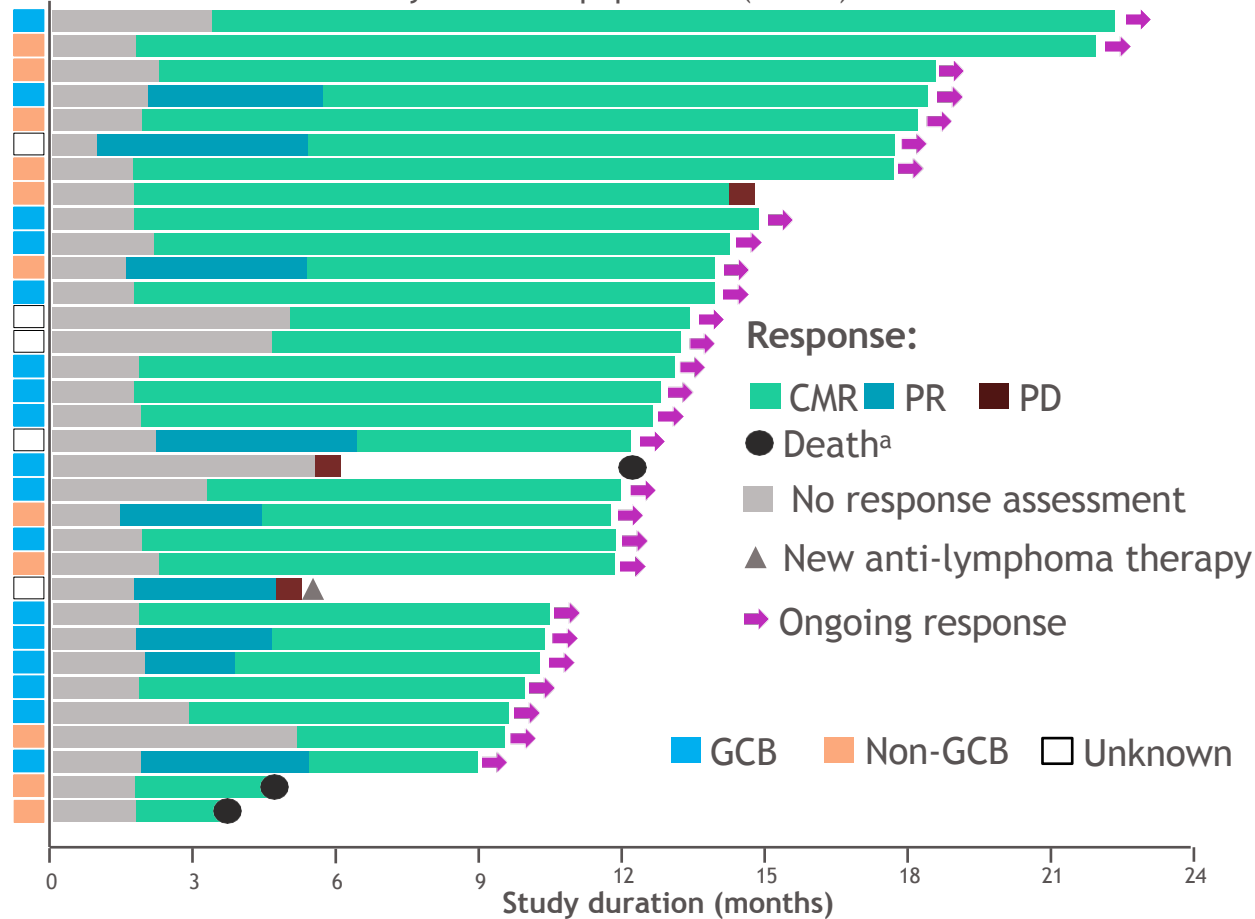
Golcadomide is a potential, first-in-class, oral CELMoD™ agent for NHL



CELMoD, cereblon E3 ligase modulatory drug; CRBN, cereblon; CUL4, cullin-4A; DDB1, DNA damage-binding protein 1; IMiD, immunomodulatory imide drug; LEN, lenalidomide; NHL, Non-Hodgkin lymphoma; ROC1, regulator of cullins 1; Ub, ubiquitin. 1. Hoffman MS, et al. Oral presentation at the European Hematology Association (EHA) 2024 Congress; June 13-16, 2024; Madrid, Spain; Abstract S235. 2. Lopez-Girona A, et al. *Hematol Oncol* 2021;39(suppl 1):315-316. 3. Chavez JC, et al. Poster presentation at the American Society of Hematology (ASH) Annual Meeting; December 9-12, 2023; San Diego, CA. Poster 4496. 4. Hartley-Brown MA, et al. *Cancers (Basel)* 2024;16:1166. 5. Watson ER, et al. *Science* 2022;378(6619):549-553. 6. Michot JM, et al. *Blood* 2021;138(suppl. 1):3574.

Phase 1b study (NCT04884035): Golcadomide + R-CHOP resulted in durable CMRs with encouraging 1-year PFS rates, including in patients with high-risk disease¹

Treatment response in patients at 0.4 mg, D1-7
Efficacy-evaluable population (n = 33)



Safety population (DOR, PFS, and OS rates were assessed at 12 months)	0.4 mg (n = 37)	0.4 mg high-risk ^b patients (n = 31)
Median DOR, months	NR	NR
DOR rate, % (n/N)	97 (32/33)	96 (27/28)
PFS rate, %	85	86
OS rate, %	91	93


At data cutoff (June, 2024), median (range) follow-up was 14.3 (0.7-24.2) months in the overall population

In patients treated with golcadomide + R-CHOP, response occurred early in treatment and independently of COO

^aTwo patients achieved CMR but did not have an EOT efficacy assessment due to treatment unrelated death (COVID-19 and cardiac arrest). ^bDefined as IPI 3-5 or IPI 1-2 with ≥ 1 lesion with a maximum diameter ≥ 7 cm and/or screening LDH $\geq 1.3 \times$ ULN. COO, cell of origin; CMR, complete metabolic response; DOR, duration of response; GCB, germinal center B-cell; NR, not reached; OS, overall survival; PD, progressive disease; PFS, progression-free survival; PR, partial response; R-CHOP, rituximab, cyclophosphamide, doxorubicin, vincristine, and prednisone.

1. Amzallag A, et al. Oral presentation at the American Society of Hematology (ASH) Annual Meeting; December 6-9, 2024; Orlando, FL. Abstract 579.

GOLSEEK-1 (NCT06356129) is a global, multicenter, randomized, Phase 3 study of Golcadomide + R-CHOP vs R-CHOP in previously untreated high-risk LBCL

 **Patients**
N ≈ 850

Key eligibility criteria

- Age 18-80 years
- Previously untreated LBCL by WHO 2022 classification^a
- Ann Arbor stage II-IV disease
- IPI score
 - ≥ 3
 - 1 or 2 with LDH > 1.3 × ULN and/or bulky disease^b
- Measurable disease by Lugano classification^c
- No other lymphoma subtypes
- No lymphoma involvement in CNS


Stratified by:

- **IPI score**
 - IPI 1-2 (with risk factors) + IPI 3 vs IPI 4-5
- **Bulky disease**
 - ≥ 7 vs < 7 cm




Golcadomide + R-CHOP
× 6 cycles
(golcadomide 0.4 mg day 1-7 of each 21-day cycle)

Placebo + R-CHOP
× 6 cycles
(placebo day 1-7 of each 21-day cycle)

 **Primary endpoint**

- PFS by investigator based on Lugano Response Criteria¹


 **Key secondary endpoints**

- PFS (non-high-grade BCL)
- OS
- EFS by investigator
- CMR by IRAC
- MRD-negativity rate (PhaseED-Seq)

Other (select) secondary endpoints

- PFS by IRAC
- OR by investigator
- CMR by investigator
- DOR
- HRQoL
- Safety

  **Planned: 39 countries**
319 sites

 **Study duration: ~67 months**

^aIncludes DLBCL (including GCB and ABC types, or not specified); high-grade BCL (including MYC and BCL2 rearrangements, or not specified); T-cell/histiocyte-rich LBCL; Epstein-Barr virus-positive DLBCL; ^bSingle lesion of ≥ 7 cm; ^c≥1 FDG-avid lesion for FDG-avid subtype and 1 bi-dimensionally measurable (> 1.5 cm in longest diameter) disease, by CT or MRI.¹⁰ ABC, activated B-cell; BCL, B-cell lymphoma; CMR, complete metabolic rate; CNS, central nervous system; CT, computed tomography; DLBCL, diffuse large B-cell lymphoma; DOR, duration of response; EFS, event-free survival; FDG, fluorodeoxyglucose; GCB, germinal center B-cell; HRQoL, health-related quality of life; IPI, International Prognostic Index; IRAC, Independent Radiology Adjudication Committee; LBCL, large B-cell lymphoma; LDH, lactate dehydrogenase; MRD, minimal residual disease; MRI, magnetic resonance imaging; OR, overall response; OS, overall survival; PFS, progression-free survival; R-CHOP, rituximab, cyclophosphamide, doxorubicin, vincristine, prednisone; Tx, treatment; ULN, upper limit of normal; WHO, World Health Organization. 1. Cheson BD, et al. *J Clin Oncol* 2014;32:3059-3068.

Keynote Session: Diffuse Large B-Cell Lymphoma and Follicular Lymphoma

Part 1 - Diffuse Large B-Cell Lymphoma:

Antibody-Drug Conjugates and Other Novel Strategies in the Management of DLBCL — Prof Salles

Current and Future Role of Monoclonal and Bispecific Antibodies in the Management of DLBCL — Dr Patel

Chimeric Antigen Receptor (CAR) T-Cell Therapy for DLBCL — Dr Kamdar

Part 2 – Follicular Lymphoma:

CAR T-Cell Therapy for FL — Prof Salles

Other Approved and Emerging Novel Therapies for FL — Dr Patel

Integrating Bispecific Antibodies into the Management of FL — Dr Kamdar

Current and Future Role of Bispecific and Monoclonal Antibodies in DLBCL

Krish Patel, MD

Director, Lymphoma Research

April 24, 2026

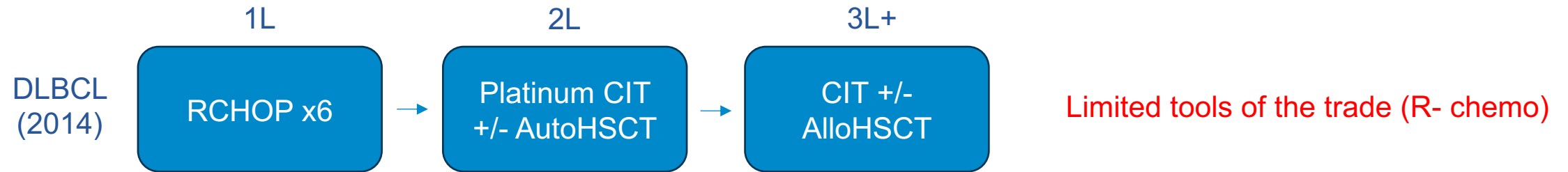
SCRI

Sarah Cannon
Research Institute

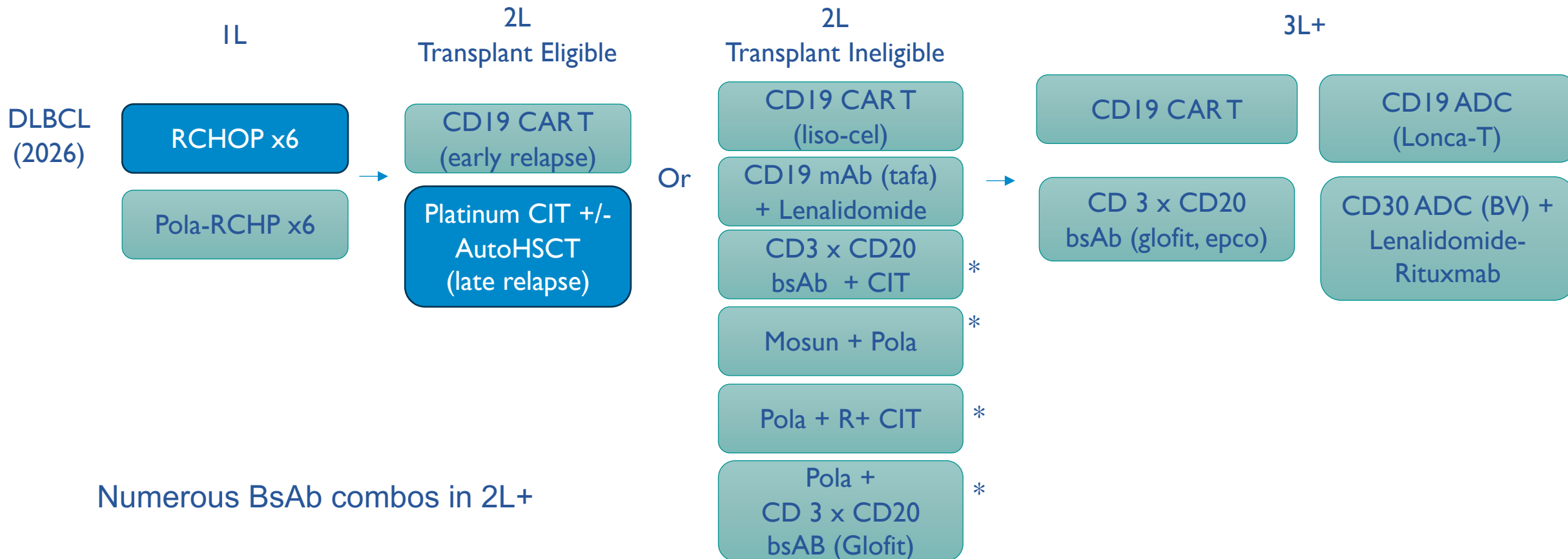
Disclosures

Advisory Committees (All Paid to Institution)	AbbVie Inc, AstraZeneca Pharmaceuticals LP, Bristol Myers Squibb, Genentech, a member of the Roche Group, Janssen Biotech Inc, Loxo Oncology Inc, a wholly owned subsidiary of Eli Lilly & Company, Lyell, Merck
Consulting Agreements (All Paid to Institution)	AbbVie Inc, Adaptive Biotechnologies Corporation, AstraZeneca Pharmaceuticals LP, Bristol Myers Squibb, Genentech, a member of the Roche Group, Janssen Biotech Inc, Loxo Oncology Inc, a wholly owned subsidiary of Eli Lilly & Company, Lyell, Merck, Pfizer Inc, Sanofi
Contracted Research (All Paid to Institution)	AbbVie Inc, AstraZeneca Pharmaceuticals LP, Bristol Myers Squibb, Genentech, a member of the Roche Group, Immunome, Janssen Biotech Inc, Loxo Oncology Inc, a wholly owned subsidiary of Eli Lilly & Company, Lyell, Merck

A decade of change: DLBCL circa 2016



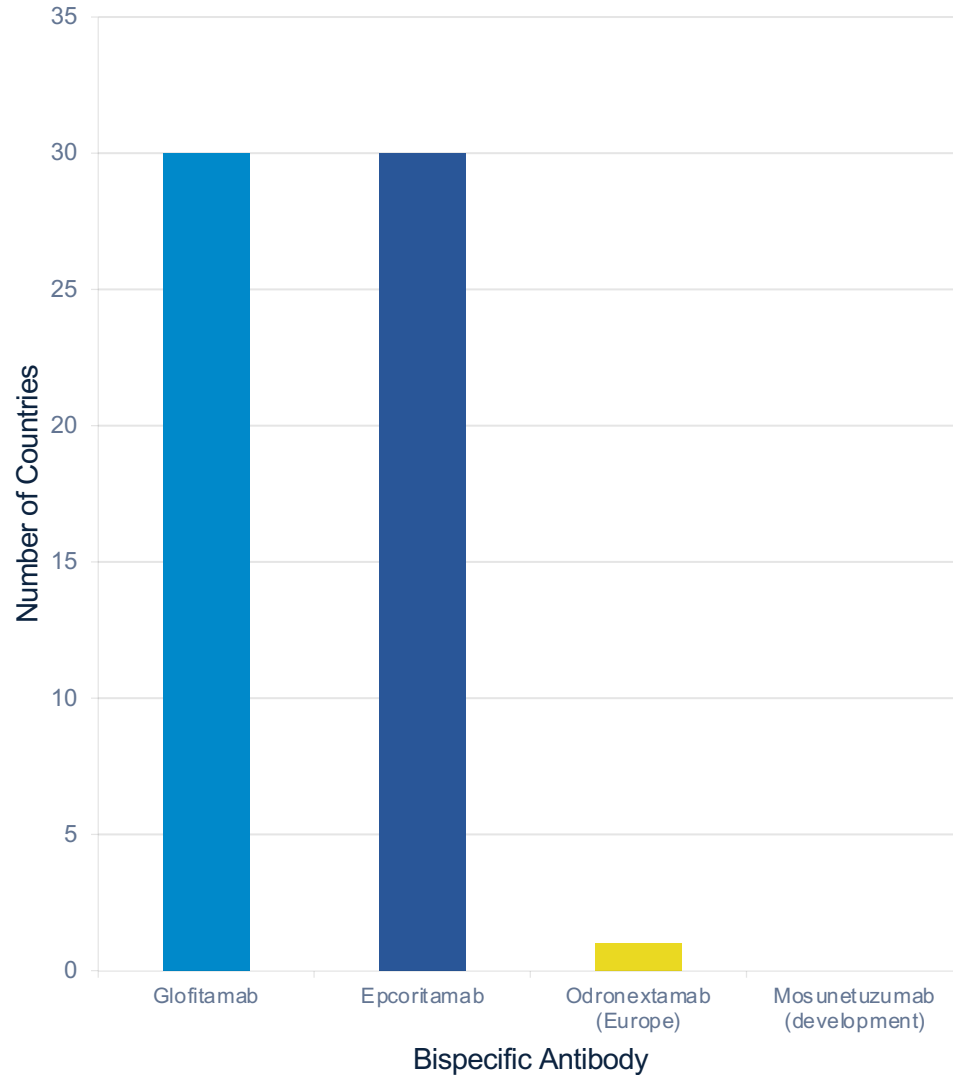
Lymphoma Circa 2026



Numerous BsAb combos in 2L+

DLBCL Treatment Landscape Transformed by Bispecifics

Bispecific Antibody Approvals in DLBCL



- Epcoritamab and glofitamab approved globally for DLBCL in 3L+
- Odronextamab received European approval in 3L+
- Mosunetuzumab developed as combination partner with antibody-drug conjugates
- BsAb offer off-the-shelf immunotherapies that can be administered in community settings
- Potentially help to offset accessibility challenges of CAR-T, where CAR-T access is not feasible

Mechanism of Action - CD20×CD3 Bispecific Antibodies

Binding

CD20×CD3 bispecific antibody binds both tumor and T-cell



Activation

T-cell activation occurs independent of MHC-HLA interaction



Expansion

Redirected T-cells expand and proliferate at tumor site



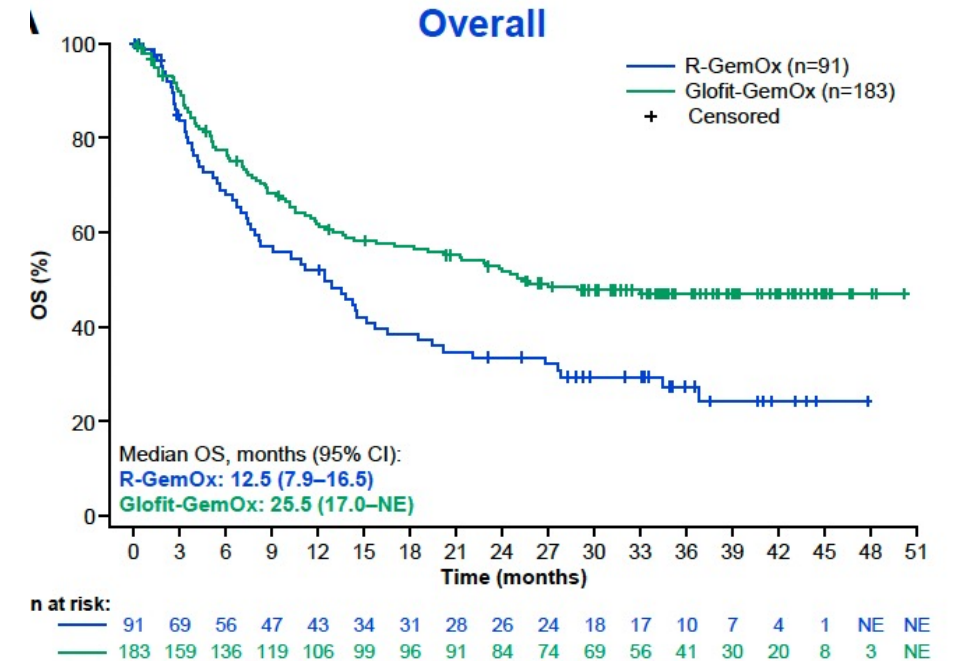
Cytotoxicity

T-cell-mediated killing of CD20+ malignant B-cells

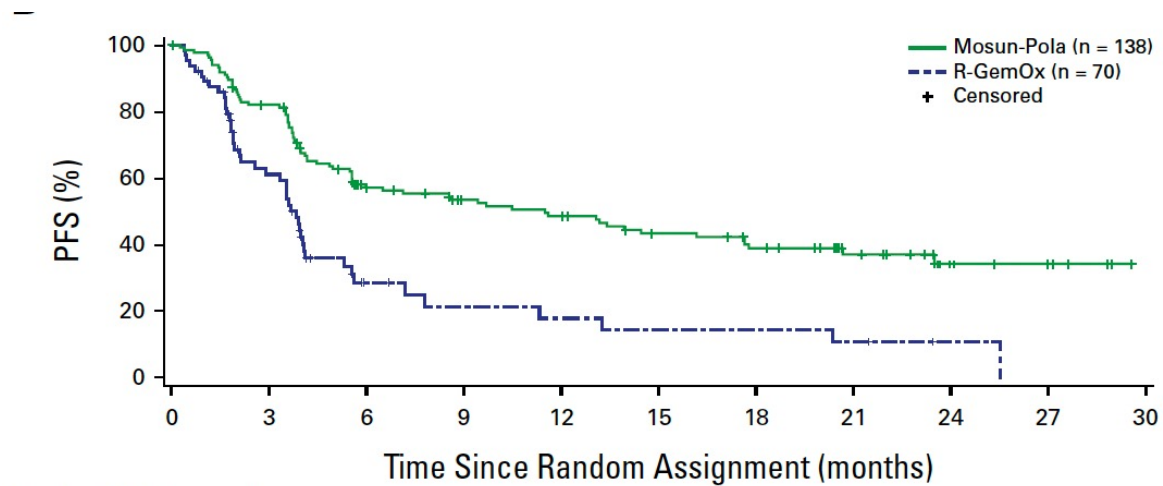
- Bispecific antibodies form trimeric complex with CD20+ B-cells and CD3+ T-cells for targeted cytotoxicity
- HLA-independent mechanism allows T-cell activation without antigen presentation, overcoming immune evasion in DLBCL
- Different configurations exist: glofitamab uses 2:1 CD20:CD3 ratio, while epcoritamab uses 1:1 configuration
- Step-up dosing protocols mitigate cytokine release syndrome risk with manageable low-grade events

STARGLO Trial - Glofitamab Doubles Overall Survival

- Phase III STARGLO trial in R/R DLBCL
 - N=274 patients
 - at least one prior therapy, all transplant-ineligible
- Median follow-up 35.1 months
- Hazard ratio 0.60 for OS
- Median PFS was 14.4 months vs 3.3 months with hazard ratio 0.41, showing 59% reduction in progression risk
- CR 58.5% for glofitamab-GemOx versus 25.3% for rituximab-GemOx
- CRS 45% (~13% Gr 2/3) for Glofit GemOx
- Gr 3-4 Infections ~20% Glofit-GemOx vs 13% R-GemOx



SUNMO Trial - Mosunetuzumab Plus Polatuzumab Vedotin



Number at risk (censored)

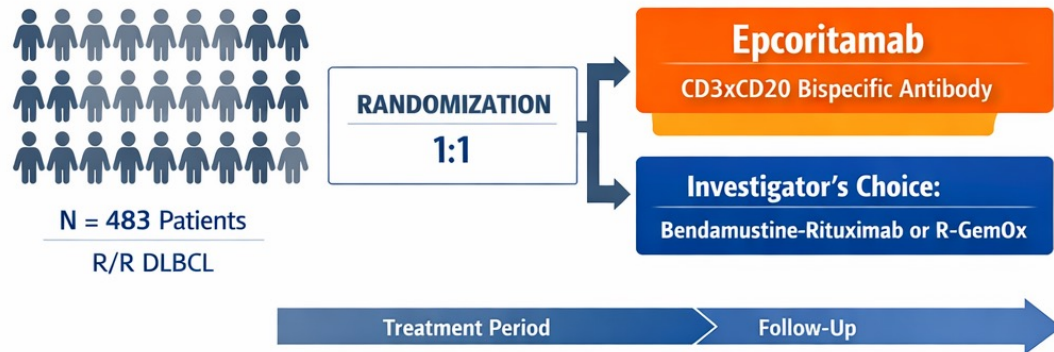
	0	3	6	9	12	15	18	21	24	27	30
Mosun-Pola	138 (0)	108 (6)	65 (17)	54 (24)	49 (24)	40 (28)	34 (30)	20 (43)	8 (54)	5 (57)	NE
R-GemOx	70 (0)	33 (14)	9 (22)	6 (23)	5 (23)	4 (23)	4 (23)	3 (23)	1 (25)	NE	NE

- Phase III SUNMO study
 - N=208 patients
 - Transplant-ineligible R/R LBCL, 2L+
 - randomized 2:1 to MosunPola vs R-GemOx
 - Fixed duration (8 cycles Mosun, 6 Pola; 8 cycles R-GemOx)
- ORR 70% MosunPola vs. 40% R-GemOx
- CR 51% and 24% respectively
- HR for PFS 0.41; median PFS 11.5 months vs 3.8 mths
- Grade ≥ 2 cytokine release syndrome occurred in less than 5% of patients, with favorable safety profile suitable for outpatient community care

[Budde L et al JCO 2025](#)

EPCORE DLBCL-1 - Epcoritamab Monotherapy 2L+

- Relapsed/Refractory DLBCL (R/R DLBCL)
- ≥ 1 Prior Line of Therapy
- Ineligible for HDT-ASCT



PRIMARY ENDPOINT:

Progression-Free Survival (PFS)

KEY SECONDARY ENDPOINTS:

- Overall Survival (OS)
- Overall Response Rate (ORR)

0.74

Hazard Ratio for PFS

73%

Received ≥2 Prior Lines

First bispecific monotherapy in RCT to demonstrate PFS improvement in relapsed/refractory DLBCL patients ineligible for transplant

Safety Profile - Managing Cytokine Release Syndrome

Trial	Therapy	All-Grade CRS (%)	Grade ≥2 CRS (%)	Peak CRS incidence
EPCORE NHL-1	Epcoritamab (SC) monotherapy	49.7%	17.8% (G2: 15.3%; G3: 2.5%)	C1D15
NP30179	Glofitamab (IV) monotherapy	63%	16% (G2: 12%; Grade 3/4: 4%)	C1D8
STARGLO	Glofitamab + GemOx	44%	12% (G2: 10%; G3: 2%)	C1D8
SUNMO	Mosunetuzumab (SC) + polatuzumab vedotin (IV)	26%	<5% (G2 3.7%, G3: 0.7%)	C1D1

Predominantly Grade 1-2

Step-up Dosing Mitigates Risk

Tocilizumab <5% Usage

- CRS reported in 22-83% of patients across bispecific trials, with Grade ≥3 events in ≤9.3% of cases
- Step-up dosing during first cycle reduces severe CRS incidence through weekly dose escalation
- ICANS rare with bispecific antibodies, distinguishing them from CAR-T cell therapy toxicity profiles
- Real-world evidence confirms manageable safety allowing community administration beyond specialized centers

Frontline Integration - Moving Earlier in Treatment

- EPCORE NHL-2 trial with epcoritamab plus R-CHOP in 47 untreated high-risk LBCL
 - 100% ORR, 87% CR
 - 24-month OS and PFS were 87% and 74% respectively
- COALITION trial evaluated glofit with R-CHOP and polatuzumab-R-CHP regimens for high-risk large cell lymphomas
 - 100% ORR, 98% CR
 - 24-month OS 92% and 86% respectively
- OLYMPIA-3 Phase III trial evaluating odronextamab plus CHOP showed 100% CR at 160mg dose

Resistance Mechanisms and CD20 Expression

High CD20 Loss Rate Post-Relapse

Alternative Targets Needed

- CD20 loss is a major challenge post CD3 x CD20 BsAb-refractory disease. 25-60% observed in relapsed patients potentially requiring non-CD20 targeting approaches
- T-cell exhaustion and dysfunction may contribute to resistance
- Baseline T-cell quantity and function critical for bispecific antibody success, more so than CAR-T therapy which provides ex vivo expansion
- Combination with immunomodulatory agents being investigated to overcome resistance and enhance durability

Primary Resistance

Intrinsic tumor biology, T-cell dysfunction, microenvironment factors

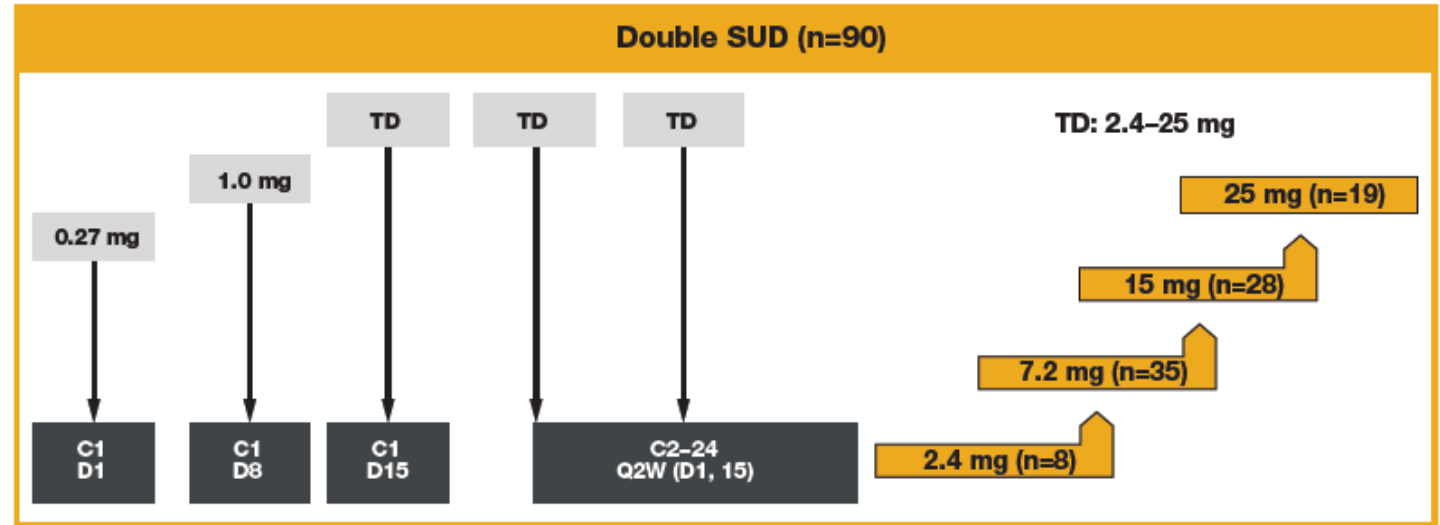
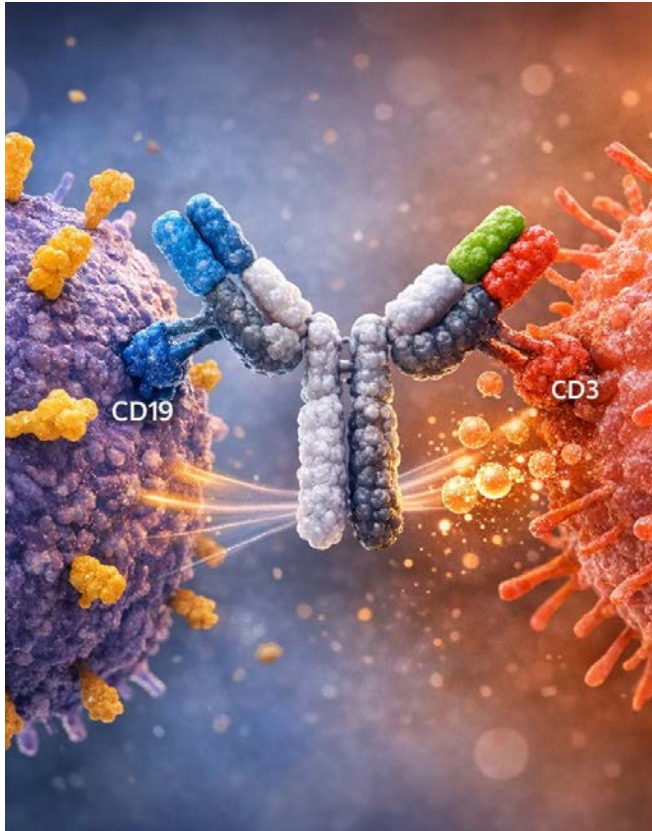
Acquired Resistance

CD20 antigen loss, immune exhaustion, regulatory pathways

Clinical Implications

Sequencing considerations, combination strategies, alternative targets

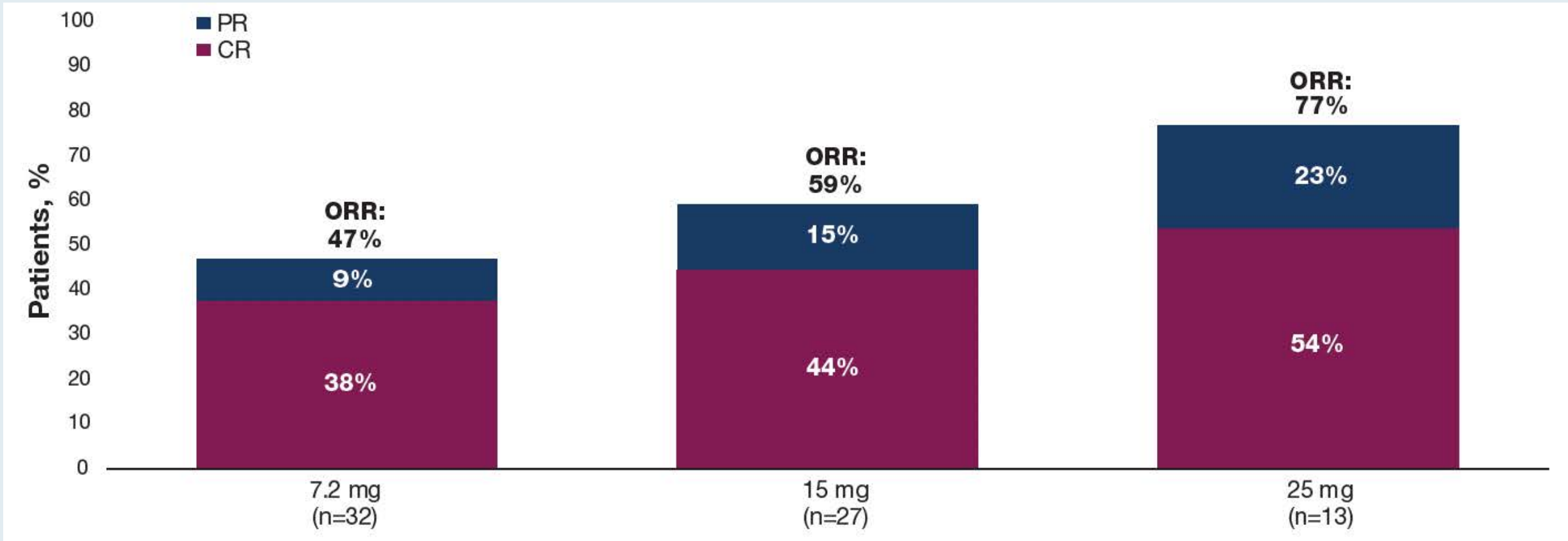
Surovatamig



N=106

- Median prior lines 3
- 42% prior CD19 CART
- 15% prior CD20 BsAb
- ORR~60%+ , CR~45% in doses 15mg higher
- In pts with CR, ~90% MRD undetectable (CLARITY)
- CRS 49%, no Gr3/4
- ICANS 26%, Gr3 8%

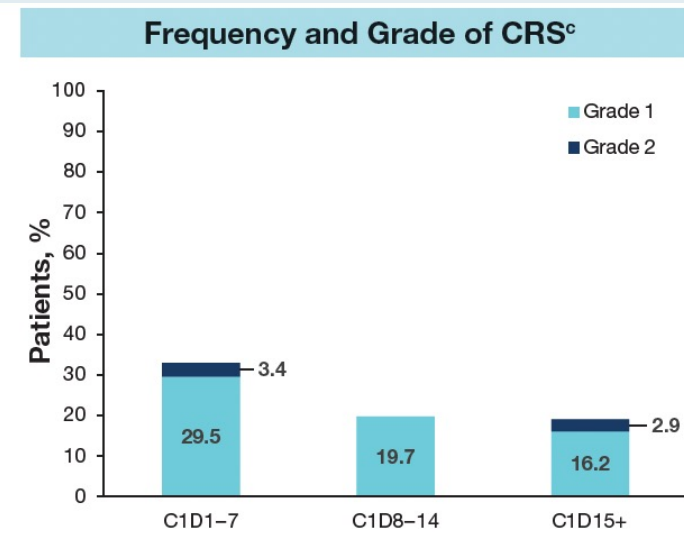
Phase I Surovatamig Data: Response Rates by TD



Phase I Surovatamig Data: CRS and ICANS Summary (2SUD Cohort)

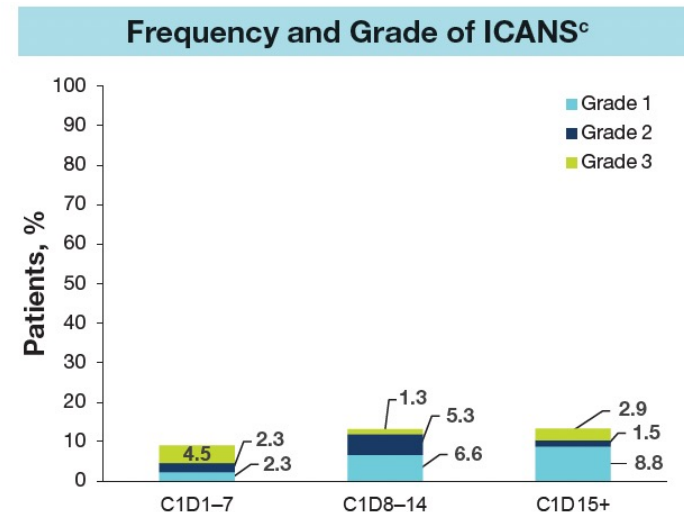
	n=90
Any-grade CRS, n (%)	44 (49)
Grade 1	38 (42)
Grade 2	6 (7)
Median time to CRS onset,^{a,b} h (range)	23 (6–151)
Median CRS duration,^b h (range)	3 (1–113)
Management of CRS, n (%)	
Tocilizumab	26 (29)
Corticosteroids	3 (3)
CRS resolution, n (%)	44 (100)

^aFrom time of infusion to CRS
^bData include doses administered per protocol dose and schedule
^cTwo patients experienced recurrent CRS at C2D1 (1 G1 event each)

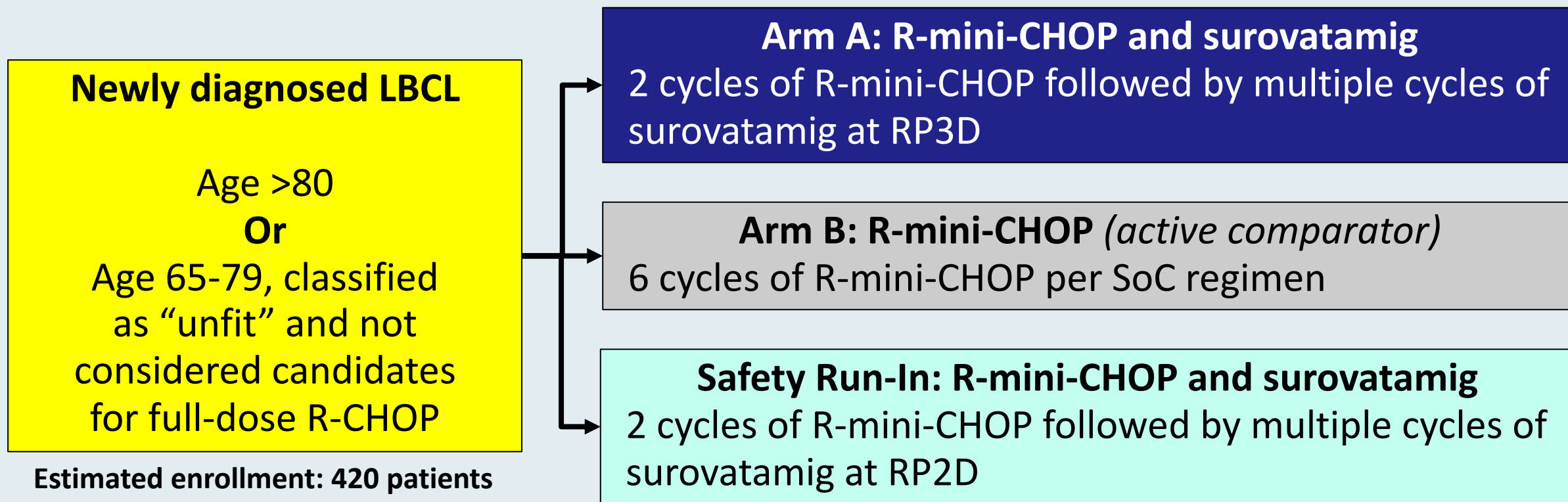


	n=90
Any-grade ICANS, n (%)	24 (27)
Grade 1	8 (9)
Grade 2	9 (10)
Grade 3	7 (8)
Median time to ICANS onset,^{a,b} h (range)	32 (15–132)
Median ICANS duration,^b h (range)	20 (1–173)
ICANS management, n (%)	
Corticosteroids	20 (22)
ICANS resolution, n (%)	24 (100)

^aFrom time of infusion to ICANS
^bData include doses administered per protocol dose and schedule
^cTwo patients experienced recurrent ICANS at C2D1 (1 G1 event each)



Phase III SOUNDTRACK-D2 Trial: First-Line Surovatamig for Older, Unfit Patients



Primary endpoint: Progression-free survival

Key secondary endpoint: Overall survival

Data anticipated >2027

RP3D = recommended Phase III dose; SoC = standard of care

www.clinicaltrials.gov. NCT07215585. Accessed April 2026.

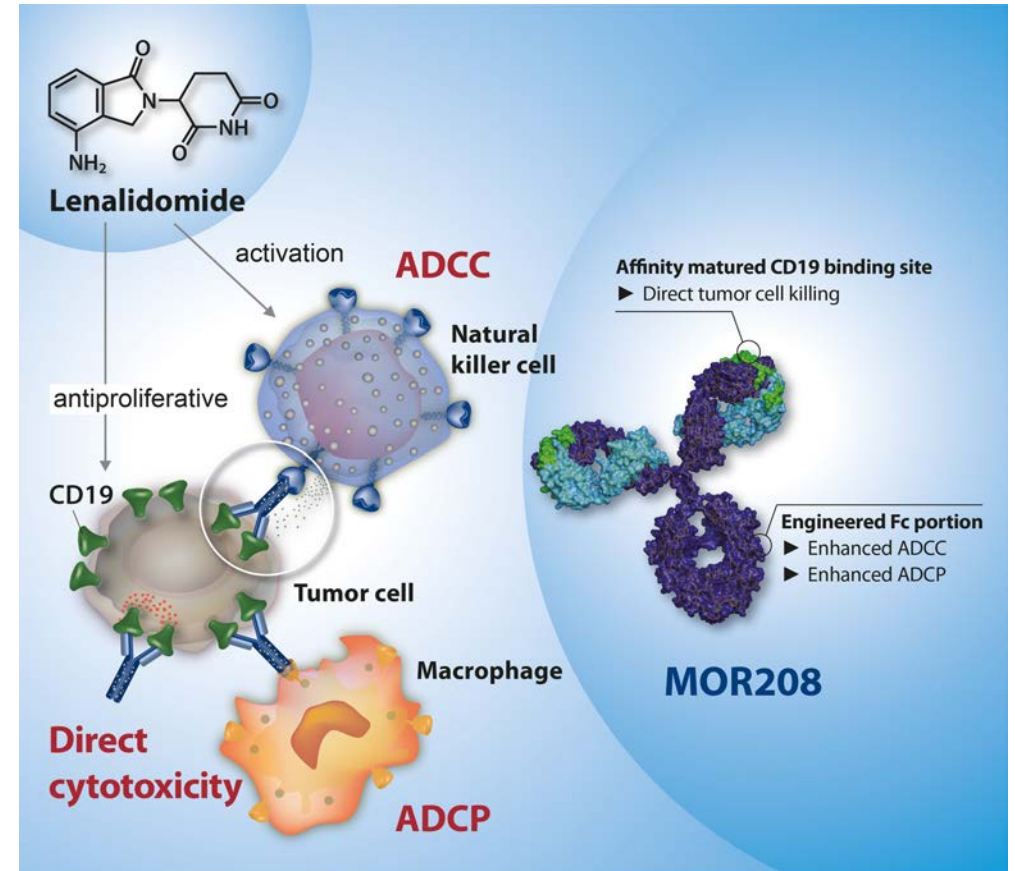
Tafasitamab and Lenalidomide

Tafasitamab (Fc-engineered, anti-CD19 mAb)

- Enhanced to induce cancer cell death via other immune cells
- Direct Cell Death

Lenalidomide

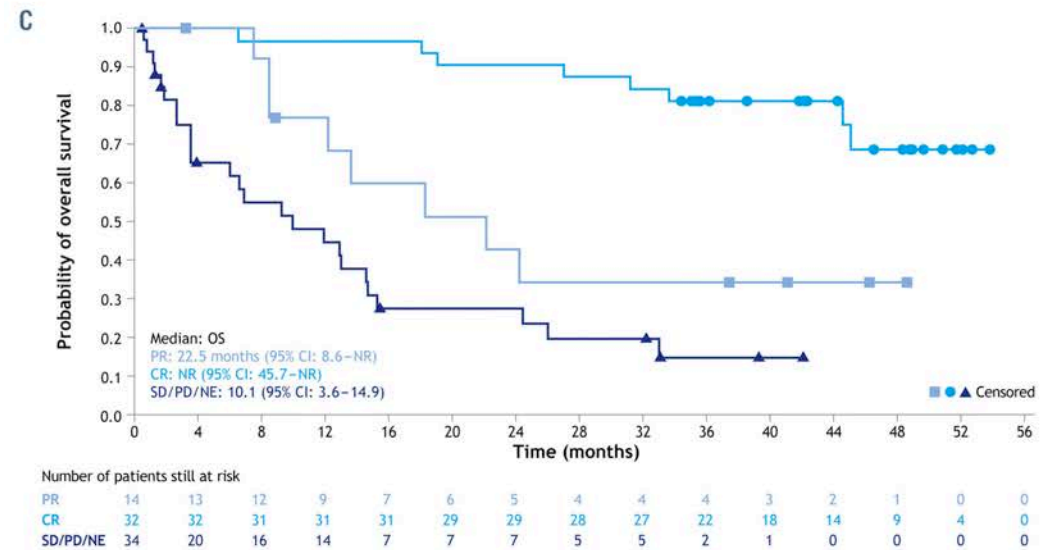
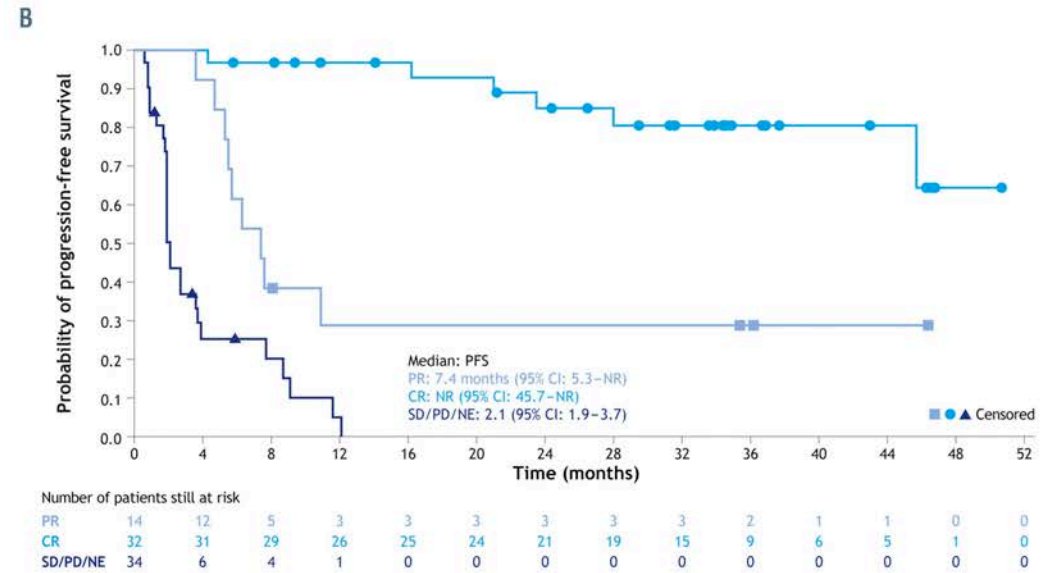
- T and NK Cell Activation/Expansion
- Direct Cell Death
- Well studied as an anti-lymphoma agent, alone or in combination



L-MIND Trial - Tafasitamab in 2L+ DLBCL

Long term f/u indicates those achieving CR (~40%) can have very durable remission

- Median PFS - 11.6mths, CR - NR
- Median OS – 33.5mths, CR – NR



frontMIND Trial - Tafasitamab in First-Line DLBCL

- Newly Diagnosed High-Risk DLBCL
- IPI 3-5 if > 60 years or aalPI 2-3 if ≤ 60 years

880

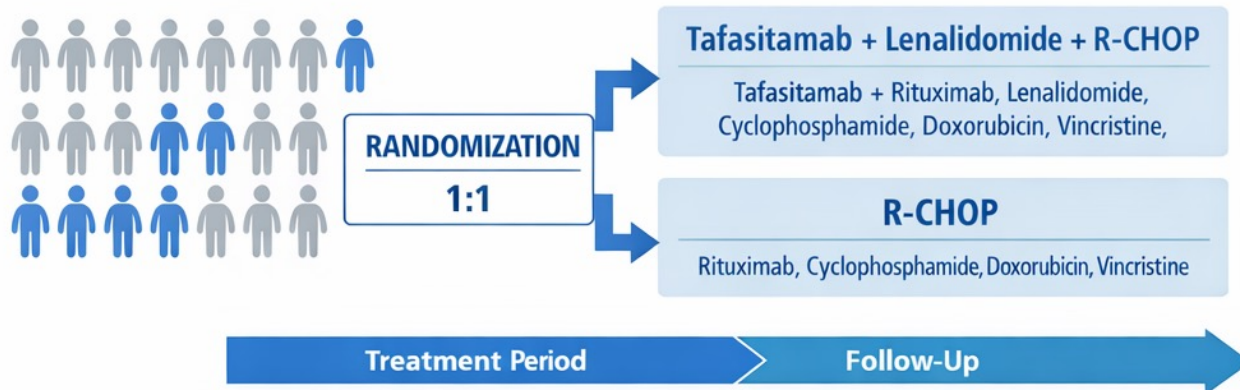
Patients

IPI 3-5

Risk Score

0.75

Hazard Ratio



- Global Ph3 RCT, enrolled 880 treatment-naive patients with high-risk DLBCL (IPI 3-5)
- Primary endpoint met with HR 0.75, $p=0.019$, representing 25% reduction in progression or death
- Event-free survival achieved with no new safety signals beyond known profiles

Clinical Positioning and Treatment Sequencing

1

2L Transplant-Ineligible

Glofitamab-GemOx or Mosun-Pola as preferred regimens

2

3L+

Epcoritamab or glofitamab monotherapy approved options

3

Post-CAR-T Relapse

Bispecific antibodies show activity in CAR-T-refractory patients

4

1L High-Risk

Investigational combinations with R-CHOP/Pola-RCHP under evaluation

Second-line for transplant-ineligible

Post-CAR-T progression option

Frontline high-risk combinations

- FDA and EMA approvals for R/R DLBCL
- STARGLO supports second-line use in transplant-ineligible patients unable to access CAR-T
- Post-CAR-T relapse shows ~50% response rates in heavily pretreated population, higher ORR/CR with combos
- Frontline integration under evaluation in Phase III trials for high-risk DLBCL

BsAb and novel Mabs: Key Takeaways

Phase III Proven

- STARGLO and SUNMO establish new standard of care for transplant-ineligible R/R DLBCL patients
- Off-the-shelf availability and subcutaneous/outpatient administration expand access beyond specialized transplant centers
- Resistance mechanisms including CD20 loss require therapy sequencing and consideration of alternative targets for relapsed disease
- Frontline trial with tafasitamab plus R-CHOP and bispecific combinations may shift treatment paradigm for high-risk newly diagnosed DLBCL within next two years

Community Administration Possible

Multiple Frontline Trials Ongoing

- Safety profiles manageable with step-up, CRS predominantly low-grade requiring standard supportive care measures
- NCCN guidelines now include mosunetuzumab plus polatuzumab as category 2A recommendation for second-line DLBCL not proceeding to transplant
- General oncologists should familiarize with CRS management, patient selection criteria, and sequencing considerations for optimal outcomes in community practice

Keynote Session: Diffuse Large B-Cell Lymphoma and Follicular Lymphoma

Part 1 - Diffuse Large B-Cell Lymphoma:

Antibody-Drug Conjugates and Other Novel Strategies in the Management of DLBCL — Prof Salles

Current and Future Role of Monoclonal and Bispecific Antibodies in the Management of DLBCL — Dr Patel

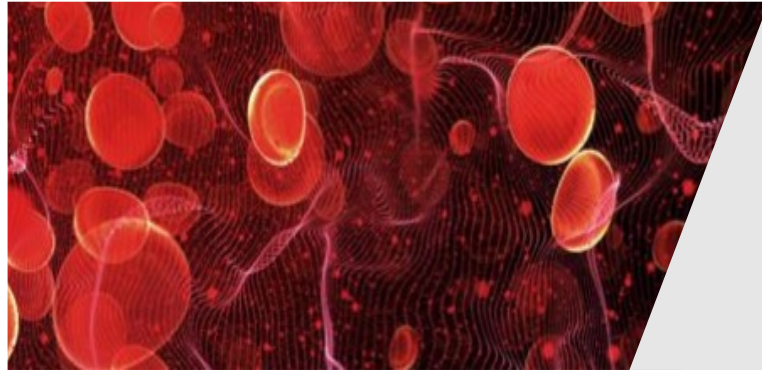
Chimeric Antigen Receptor (CAR) T-Cell Therapy for DLBCL — Dr Kamdar

Part 2 – Follicular Lymphoma:

CAR T-Cell Therapy for FL — Prof Salles

Other Approved and Emerging Novel Therapies for FL — Dr Patel

Integrating Bispecific Antibodies into the Management of FL — Dr Kamdar



Chimeric Antigen Receptor (CAR) T-Cell Therapy for DLBCL

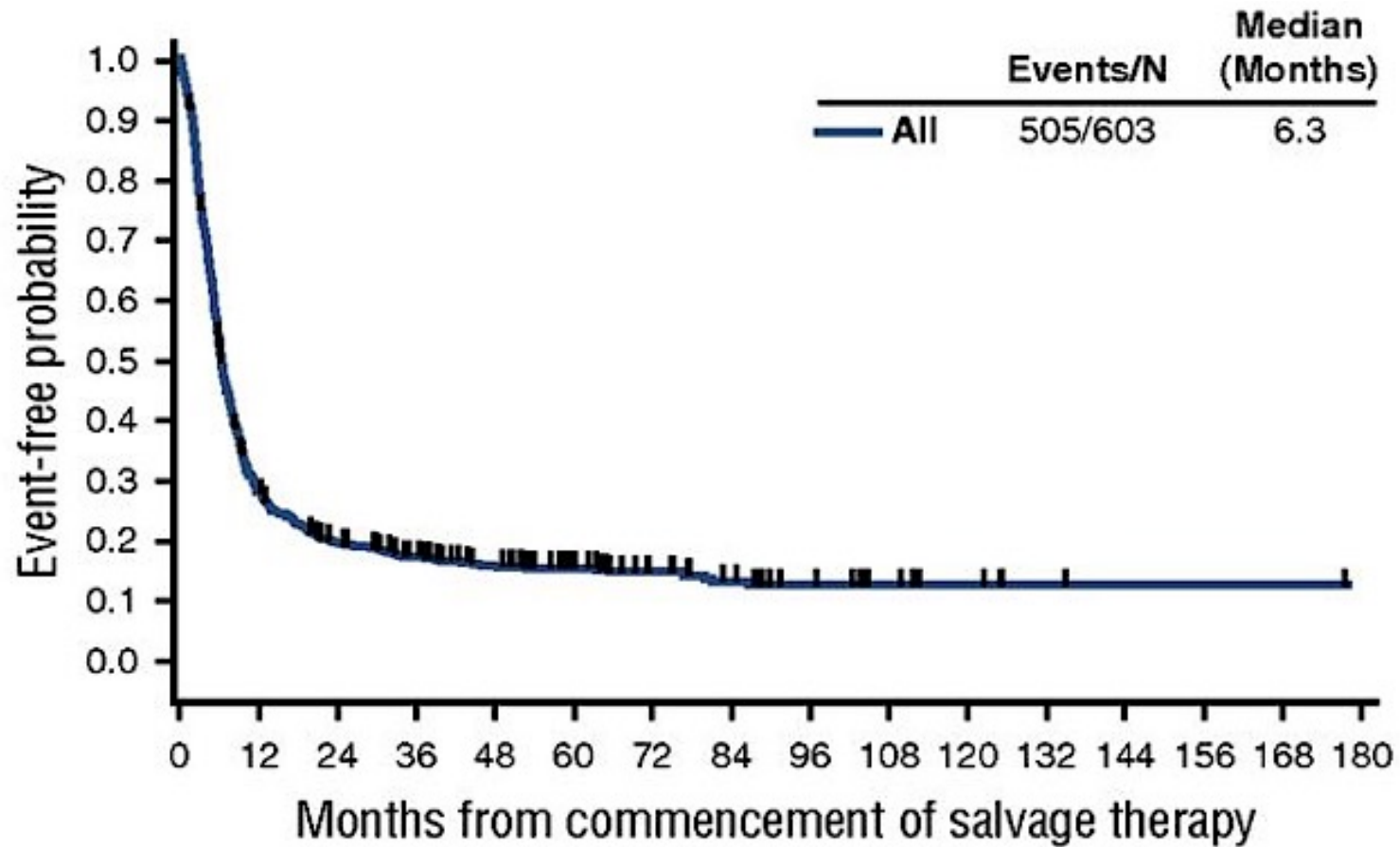
Manali Kamdar, MD, MBBS

Associate Professor of Medicine, Clinical Director of Lymphoma Services,
Morton and Sandra Saffer Endowed Chair in Hematology Research, Division of
Hematology,
University of Colorado

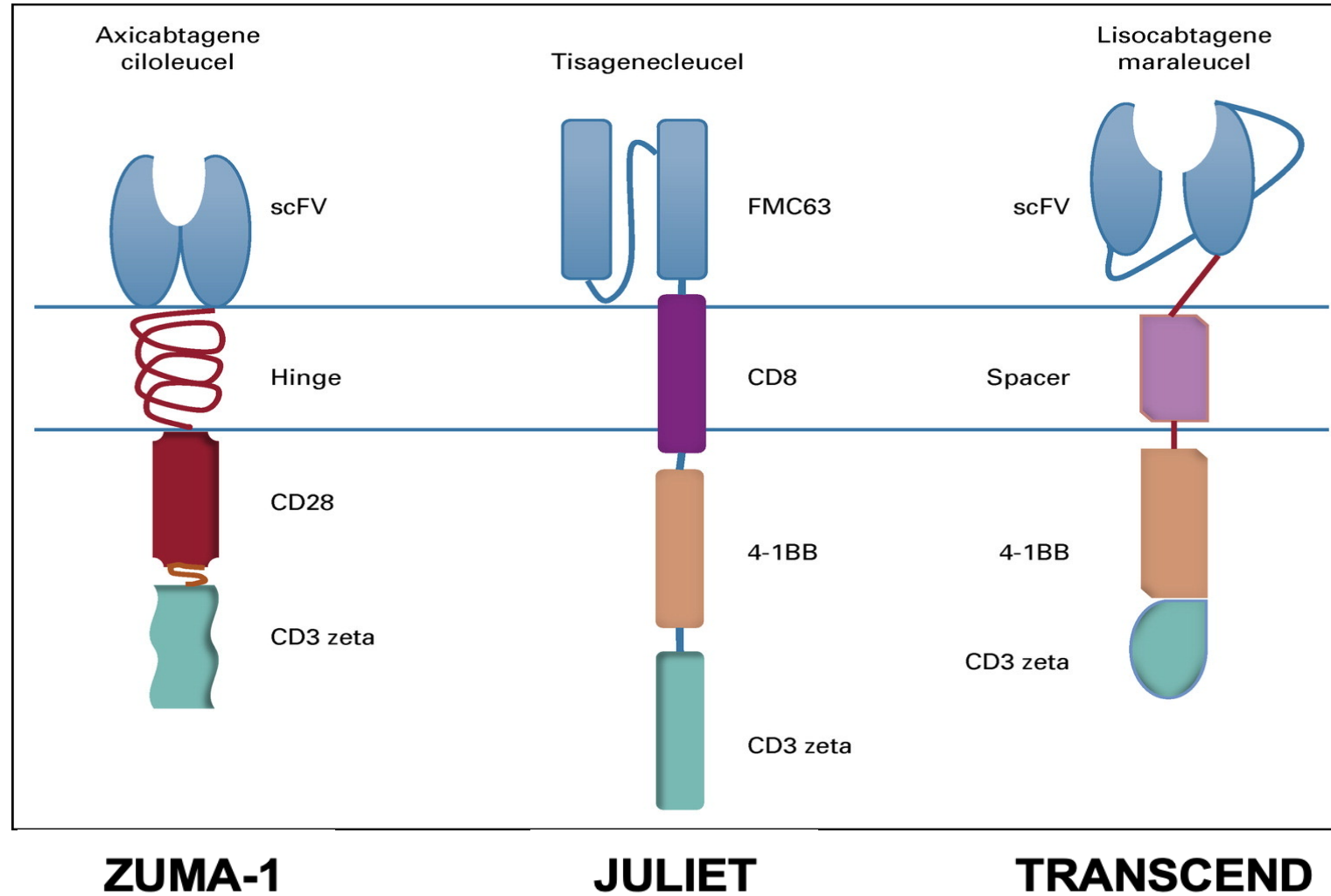
Disclosures

Advisory Committees	AbbVie Inc, AstraZeneca Pharmaceuticals LP, BeOne, Bristol Myers Squibb, Genentech, a member of the Roche Group
Data and Safety Monitoring Boards/Committees	Bristol Myers Squibb, Celgene Corporation, Genentech, a member of the Roche Group.

Relapsed/Refractory Chemotherapy-resistant Large B Cell Lymphoma (R/R LBCL) has a dismal prognosis



Anti-CD19 CAR-T cell therapies approved in R/R LBCL after failure of ≥ 2 lines of treatment



Baseline Characteristics

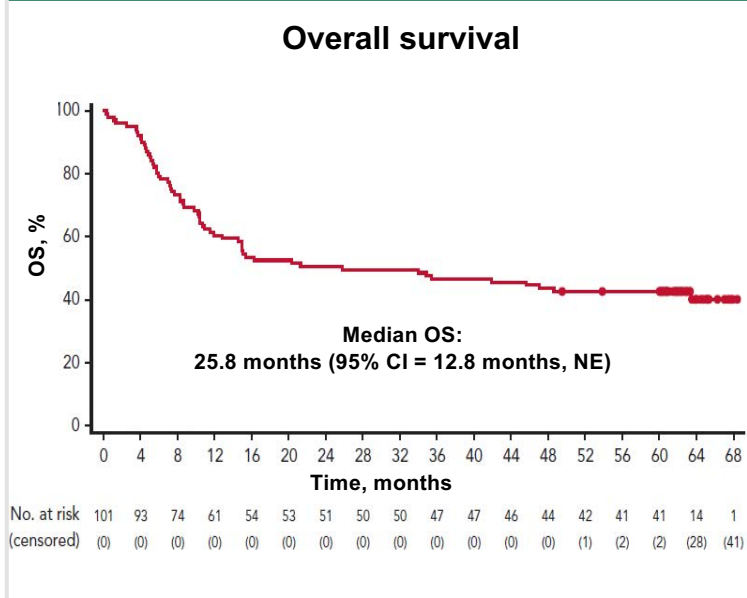
	ZUMA-1 Axicabtagene Ciloleucel	TRANSCEND Lisocabtagene Maraleucel	JULIET Tisagenlecleucel
Dose	2 x 10 ⁶ /kg	100 x 10 ⁶	0.6 to 6.0 x 10 ⁸
Lymphodepletion x3 days	Flu/Cy 500/30	Flu/Cy 300/30	Flu/Cy 250/25, OR Bendax2
# Treated / Enrolled	101/111	269/344	111/165
Bridging Rx (%)	0	59	92
Lymphoma Subtypes	DLBCL, PMBCL, HGBCL, Transformed FL	DLBCL, PMBCL, HGBCL, Transformed FL, Transformed Non- FL, Sec CNS involvement, Prior Allo	DLBCL, Transformed FL
Median Age	58 (23-76)	63 (18-86)	56 (22-76)
Median prior LOT	3	3	2 (44%), 3 (31%)
Refractory/Prior ASCT (%)	100/23	67/35	55/49

Efficacy and Safety

	ZUMA-1 Axicabtagene Ciloleucel	TRANSCEND Lisocabtagene Maraleucel	JULIET Tisagenlecleucel
# Treated / Enrolled	101/111	269/344	111/165
ORR/CR (%) by IRC	74/54	73/53	52/40
Construct	antiCD19-CD28-CD3z	antiCD19-41BB-CD3z	antiCD19-41BB-CD3z
Toxicity grading scale	Lee Criteria	Lee Criteria	Penn Criteria
Median time to CRS onset	2 days	5 days	3 days
Any Grade/Gr ≥3 cytokine release syndrome (CRS)	93% / 11%	42% / 2%	58% / 23%
Any Gr/Gr ≥3 Neurotoxicity	64% / 32%	30% / 10%	21% / 12%
2yr PFS/OS	42% / 51%	41% / 51%	30%/median 11m

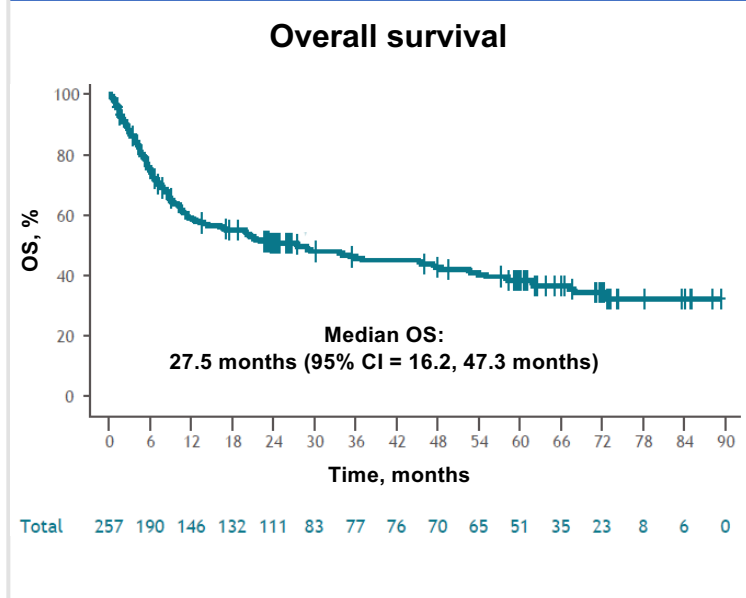
Long-term follow-up supports the curative potential of CD19 CAR T in R/R 3L+ LBCL

ZUMA-1 (axi-cel)¹



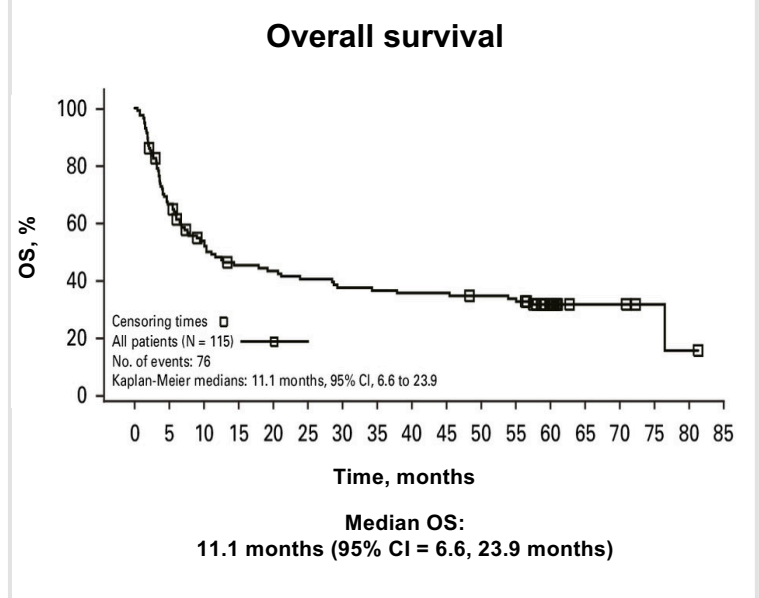
5-year OS rate: 43%
Median follow-up: 63.1 months

TRANSCEND (liso-cel)²



5-year OS rate: 38%
Median follow-up: 60.1 months

JULIET (tisa-cel)³



5-year OS rate: 32%
Median follow-up: 74.3 months

Inter-trial comparisons should not be made due to differences in study design, patient populations, treatment interventions, and durations of follow-up, among others. We cannot make direct comparisons or draw conclusions from one trial to another. For descriptive purposes, efficacy and safety results for each of the studies mentioned are listed.
3L, third line; axi-cel; axicabtagene ciloleucel; CAR, chimeric antigen receptor; LBCL, large B-cell lymphoma; liso-cel, lisocabtagene maraleucel; NE, not estimable; OS, overall survival, R/R, relapsed or refractory; tisa-cel, tisagenlecleucel. 1. Neelapu SS, et al. Blood 2023;141:2307—2315. 2. Abramson JS, et al. ASH 2024. Abstract 3125. 3. Maziarz RT et al. J Clin Oncol. 2026 Jan 10;44(2):86-91.

3 Randomized trials of CAR T-cell therapy vs SOC in transplant-eligible DLBCL with early relapse or primary refractory disease

Primary Analysis of ZUMA-7: a Phase 3 Randomized Trial of Axicabtagene Ciloleucel versus Standard-of-Care Therapy in Patients with Relapsed/Refractory Large B-Cell Lymphoma

Frederick L. Locke, MD¹; David B. Miklos, MD, PhD²; Caron A. Jacobson, MD, MMSc³; Miguel-Angel Perales, MD⁴;

TRANSFORM Study: Lisocabtagene Maraleucel, a CD19-Directed Chimeric Antigen Receptor T Cell Therapy, Versus Standard of Care with Salvage Chemotherapy Followed by Autologous Stem Cell Transplantation as Second-Line Treatment in Patients with Relapsed or Refractory Large B-Cell Lymphoma: Results from the Randomized Phase 3 TRANSFORM Study

Manali Kamdar,¹ Scott R. Solomon,² Jon Arnason,³ Patrick B. Johnston,⁴ Bertram Glass,⁵ Veronika Bachanova,⁶ Sami

Tisagenlecleucel vs Standard of Care as Second-Line Therapy of Primary Refractory or Relapsed Aggressive B-Cell Non-Hodgkin Lymphoma: Analysis of the Phase III BELINDA Study

Michael R. Bishop,¹ Michael Dickinson², Duncan Purtil³, Pere Barba⁴, Armando Santoro⁵, Nada Hamad⁶, Koji Kato⁷, Anna Sureda⁸, Richard Greil⁹.

Locke, F et al, N Engl J Med. 2022 Feb 17;386(7):640-654. doi: 10.1056/NEJMoa2116133

Kamdar, M et al Lancet. 2022 Jun 18;399(10343):2294-2308. doi: 10.1016/S0140-6736(22)00662-6.

Bishop, M et al N Engl J Med. 2022 Feb 17;386(7):629-639. doi: 10.1056/NEJMoa2116596c

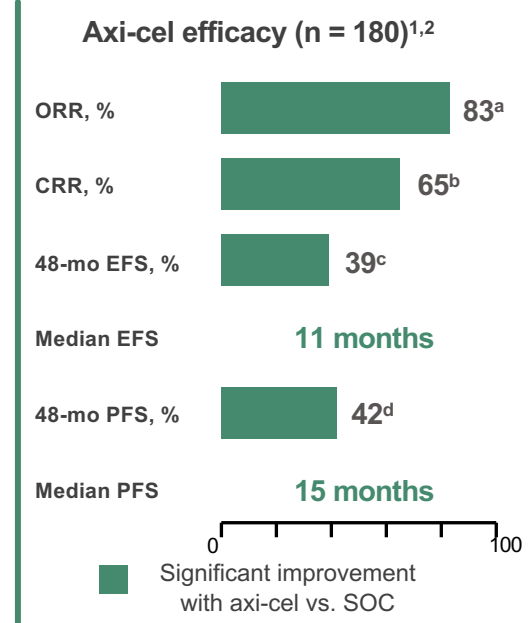
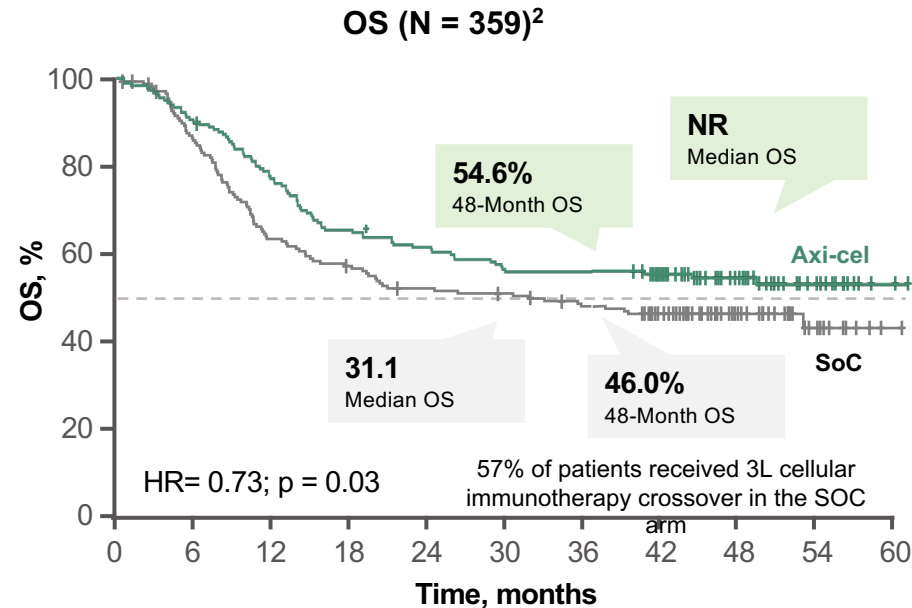
	ZUMA 7 (Axi-cel) ¹	TRANSFORM (Liso-cel) ^{2,4}	BELINDA (Tisa-cel) ³
N	359	184	322
% pts proceeded in CART vs <u>AutoTx</u>	94% vs 36%	97% vs 46%	96% vs 32%
Primary Refractory Double hit lymphoma	75 %/16%	75%/24%	75%/19% <u>Tisacel</u> /11% SOC
Median time from registration to CAR	29 days	34 days	52 days
Bridging therapy	Steroids only	1 cycle of salvage chemo allowed (63%)	>1 cycle of salvage chemo allowed (83%)
Crossover	Not allowed	Allowed (51%)	Allowed (51%)
Median follow up	25 months	17.5 months	10 months
Median EFS	8.3 m vs. 2 m	10.1 m vs 2.4 m	3 m vs 3 m
Hazard ratio	0.39 (p<0.0001)	0.34 (p< 0.0001)	1.07 (p=0.69)
ORR	83% vs 50%	87% vs 49%	47% vs 43%
CR rate	65% vs 32%	74% vs 43%	28% vs 28%
Grade ≥3 CRS/NE	6%/21%	1%/4%	5%/3%

Axi-cel continued to demonstrate higher rates of survival vs. SOC at ≈ 4 years of follow-up

ZUMA-7^{1,2}

mFU: 47.2 months
Phase 3, randomized trial of **axi-cel** (n = 180) vs. **SOC** (ASCT, n = 179) as 2L treatment in patients with R/R LBCL (N = 359)

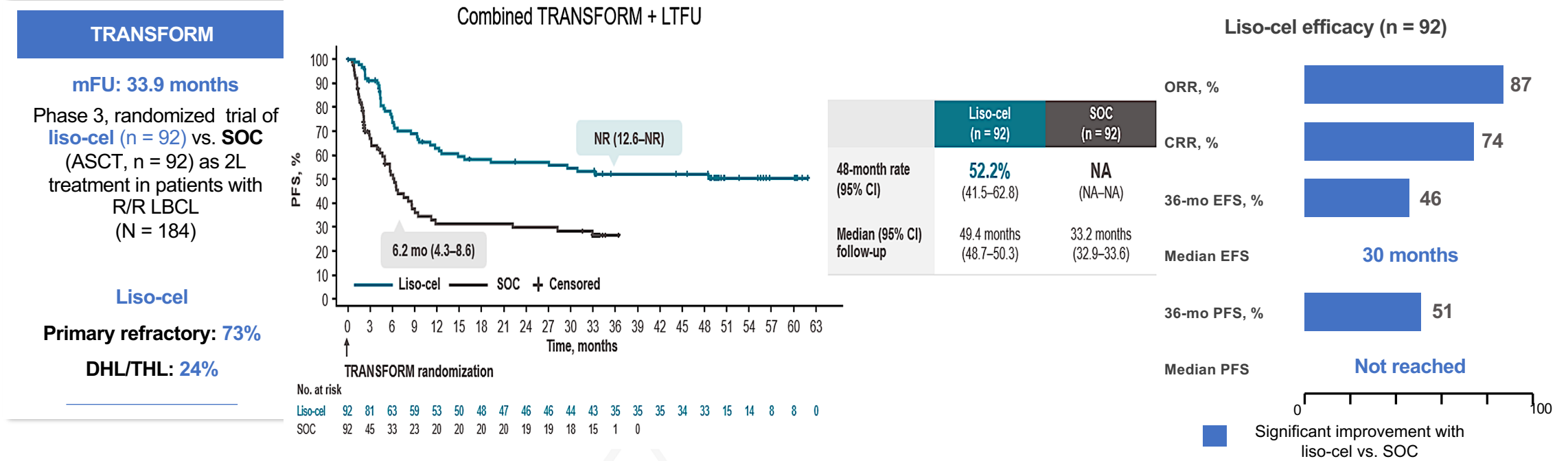
Axi-cel
Primary refractory: 74%
DHL/THL: 17%



Axi-cel provided a 27% reduction in risk of death vs. SOC²

^a ORR with SOC was 50%; ^b CRR with SOC was 32%; ^c 48-month EFS with SOC was 17%; ^d 48-month PFS with SOC was 24%. 2L, second line; ASCT, autologous stem cell transplant; axi-cel, axicabtagene ciloleucel; CRR, complete response rate; DHL, double-hit lymphoma; EFS, event-free survival; HR, hazard ratio; LBCL, large B-cell lymphoma; mFU, median follow-up; mo, month; NR, not reached; ORR, overall response rate; OS, overall survival; PFS, progression-free survival; R/R, relapsed or refractory; SOC, standard of care; THL, triple-hit lymphoma.
1. Locke FL, et al. N Engl J Med 2022;386:640–654. 2. Westin JR, et al. N Engl J Med 2023;389:148–157.

Liso-cel continued to demonstrate higher rates of survival at ≈ 3 and 4 years of follow-up

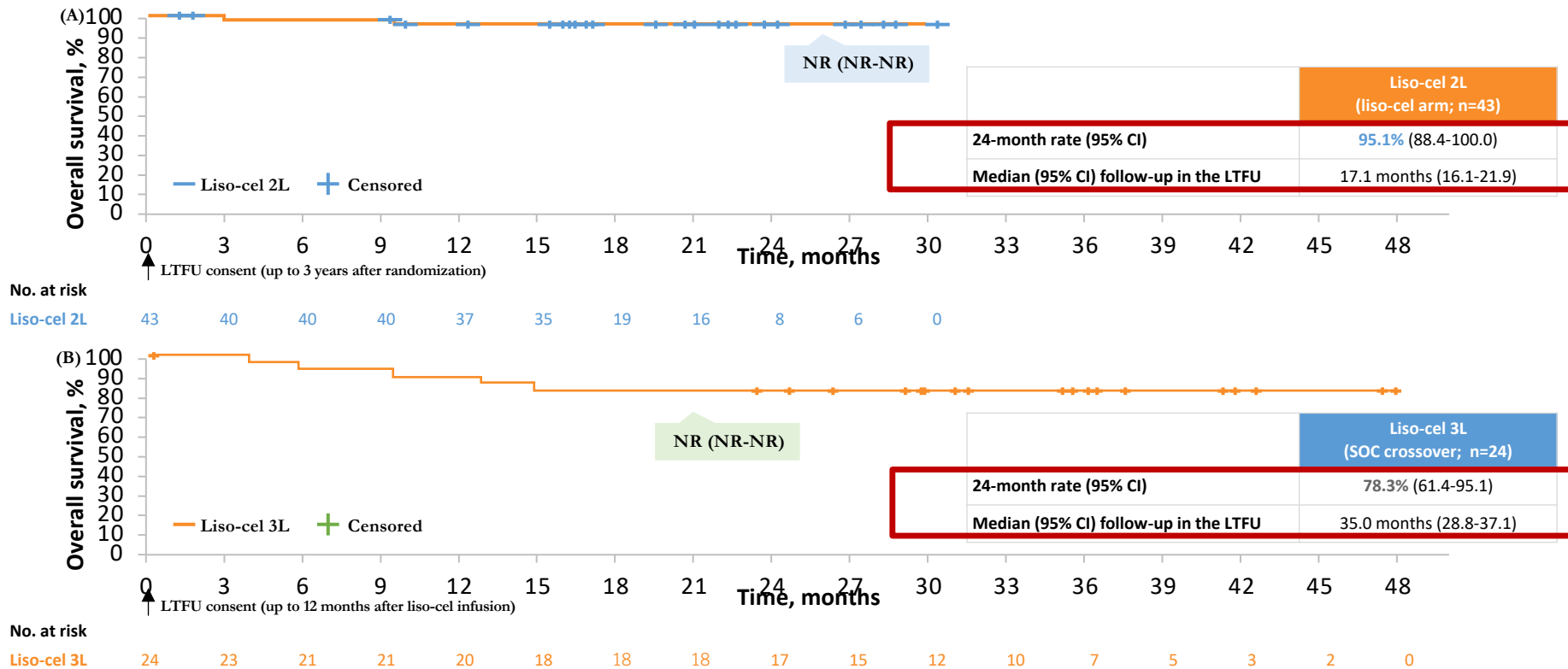


62% of patients crossed over from the SOC arm to receive liso-cel

Liso-cel provided a 43% reduction in risk of death vs. SOC in a prespecified analysis adjusted for crossover



Receiving CAR-T matter in 2L versus 3L impacts outcomes

Figure 5. OS in liso-cel 2L (A) and liso-cel 3L (B) patients in the LTFU



Kamdar et. al. ASCO 2024. Oral Presentation

Patient-reported outcomes

<p>REGULAR ARTICLE</p> <p> blood advances</p>	<p> Regular Article</p>
<p>Health-related quality of life with lisocabtagene maraleucel vs standard of care in relapsed or refractory LBCL</p>	<p>CLINICAL TRIALS AND OBSERVATIONS</p> <p>Patient-reported outcomes in ZUMA-7, a phase 3 study of axicabtagene ciloleucel in second-line large B-cell lymphoma</p>

The TRANSFORM and ZUMA-7 trials showed clinically meaningful improvement in quality of life for patients randomized to CAR T-cell therapy compared with ASCT^{1,2}
















Liso-cel and axi-cel were approved for transplant-eligible high-risk DLBCL in first relapse^{3,4}

Next question: What about transplant ineligible YET CAR-eligible patients with R/R LBCL?

ASCT, autologous stem cell transplant; axi-cel, axicabtagene ciloleucel; CAR, chimeric antigen receptor; DLBCL, diffuse large B-cell lymphoma; LBCL, large B-cell lymphoma; R/R, relapsed or refractory.
1. Abramson J, et al. Blood Adv 2022;6:23:5969—5979. 2. Elsayy M, et al. Blood 2022;140:2248—2260. 3. Breyanzi (lisocabtagene maraleucel). Summary of product characteristics. Bristol Myers Squibb; 2024.
4. Yescarta (axicabtagene ciloleucel). Summary of product characteristics. Gilead Sciences; 2024.

Determination of CAR-T eligibility

- Several real-world studies¹ have shown that chronological age, comorbidities, or cognitive and/or functional impairments do not consistently affect post - CAR-T outcomes.
- Automatic exclusion of patients based on age/comorbidities is not advised
- Transplant eligibility \neq CAR-T eligibility
- Recommend referral for at-risk patients to a multidisciplinary clinic for functional optimization prior to CART

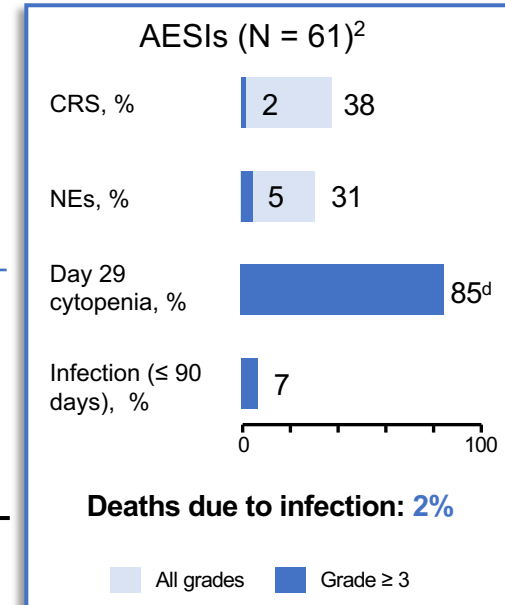
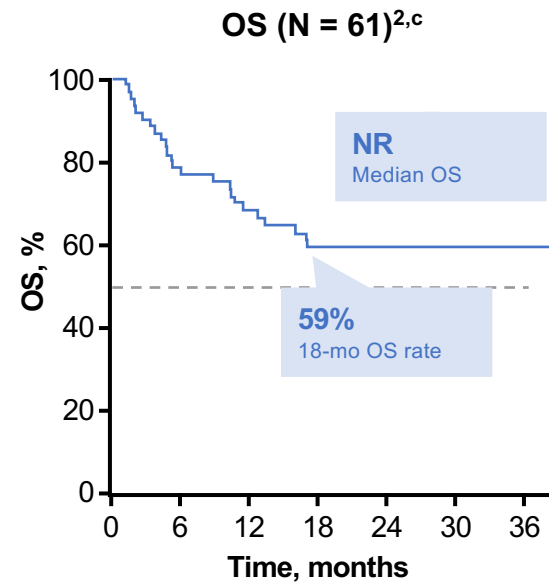
Who Is Eligible for CAR T-Cell Therapy? Expert Perspectives on Overcoming Referral Barriers		
Shadman M, et al.		
Characteristic 	CAR T-cell therapy 	ASCT (for comparison) 
 Advanced age		Age \leq 70 years or refer
 Poor performance status	 Refer	ECOG PS \leq 2 Karnofsky PS \geq 60
 Lack of response to chemotherapy	No response requirement	Require response to salvage chemotherapy
 Impaired cardiovascular function		NYHA class I or II LVEF \geq 40 and no uncontrolled CVD or arrhythmia
 Impaired pulmonary function		DLCO \geq 50%
 Impaired renal function	 Refer	Serum creatinine $<$ 2 mg/dL CrCl $>$ 50 mL/min
 Impaired hepatic function	and  Consult other specialists	No cirrhosis
 Unresolved, active infections		No unresolved, active infections
 Other considerations	Not restricted: autoimmune disease, obesity, SOT, or sCNS	Not restricted: obesity, sCNS involvement, and SOT Restricted: CHIP or MDS

Before considering implementing these recommendations, please make appropriate adaptations to clinical practice based on the most recent regulations, policy requirements, and institutional guidelines.

ASCT, autologous stem cell transplantation; CAR, chimeric antigen receptor; CHIP, clonal hematopoiesis of indeterminate potential; CNS, central nervous system; CrCl, creatinine clearance; DLCO, diffusing capacity of the lungs for carbon monoxide; CVD, cardiovascular disease; ECOG, Eastern Cooperative Oncology Group; LVEF, left ventricular ejection fraction; MDS, myelodysplastic syndromes; NYHA, New York Heart Association; PS, performance status; sCNS, secondary central nervous system; SOT, solid organ transplantation.

PILOT study: Liso-cel demonstrated outcomes comparable to those in TRANSFORM in an ASCT-ineligible population

PILOT	ASCT ineligibility criteria	Liso-cel, % (N = 61)
mFU: 24.3 months		
Phase 2, single-arm analysis assessing liso-cel as 2L treatment in patients with R/R LBCL who were deemed ineligible for ASCT ^a (N = 61) ^{1,2}	Age ≥ 70 years	79
	ECOG PS 2	26
	CrCl < 60 mL/min	25
	DL _{CO} ≤ 60%	7
	LVEF < 50%	2
ORR: 80%^{2,b}		

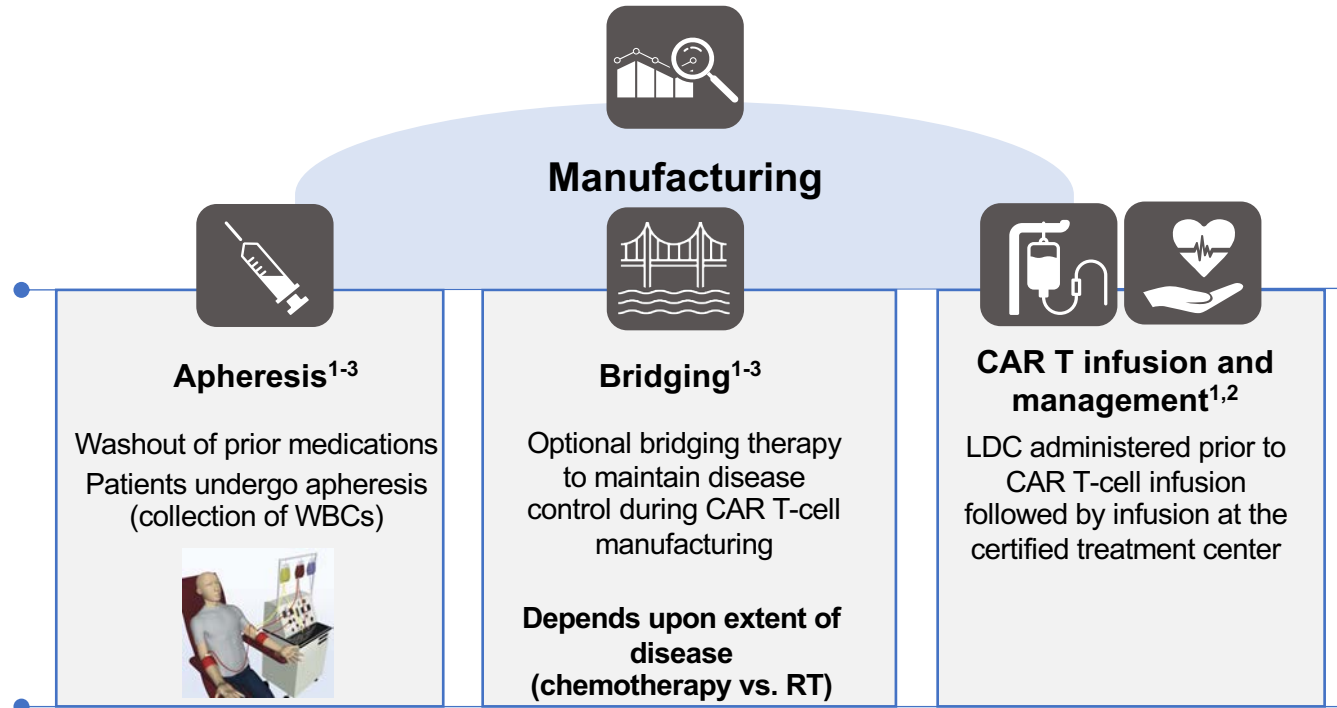


Median OS was not reached with liso-cel at ≈ 2-year median follow-up²

Liso-cel is not approved in Europe for the 2L treatment of DLBCL in patients who experienced relapse more than 12 months after completion of 1L therapy.

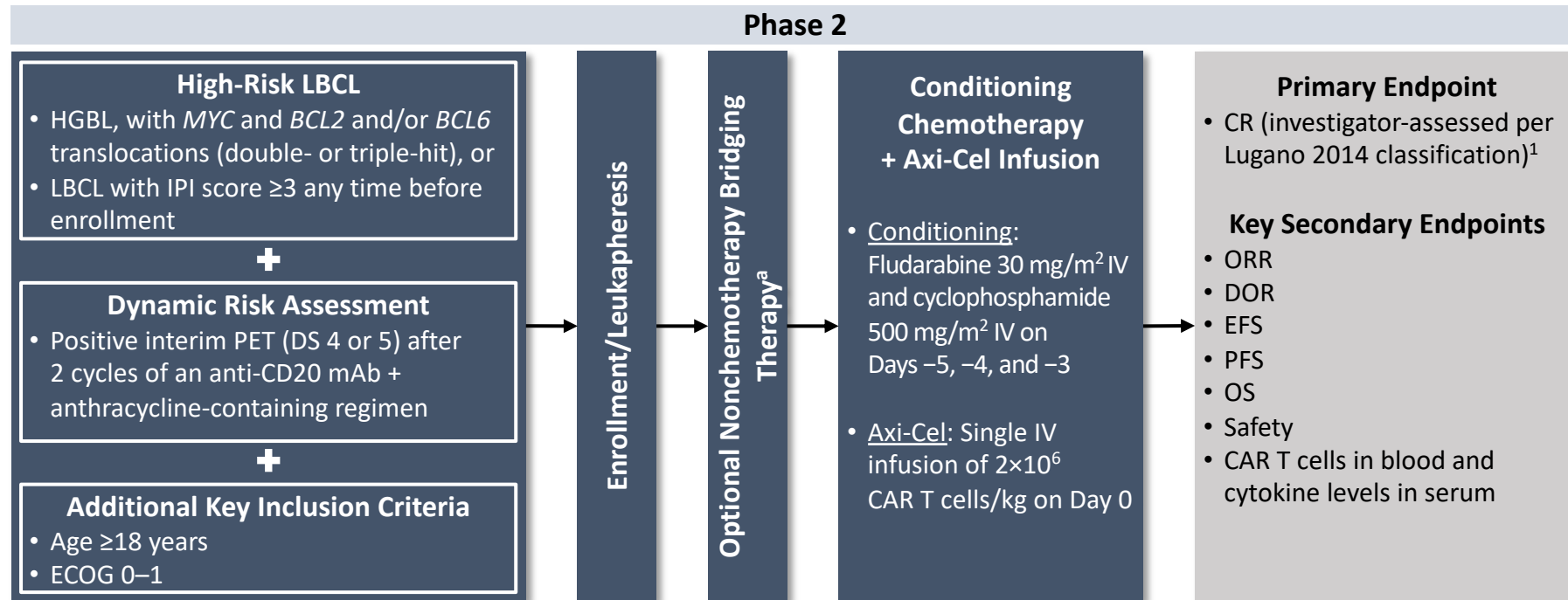
^a Patients must have also met at least one transplant-not-intended criterion as determined by the investigator: age ≥ 70 years, ECOG PS of 2, DLCO ≤ 60%, LVEF < 50%, CrCl < 60 mL/min, ALT/AST > 2 × ULN; ^b Median follow-up of 12.3 months; ^c OS data include data from the LTFU study; ^d Prolonged cytopenia is defined as Grade ≥ 3 decreased hemoglobin level, neutrophil count or platelet count at the Day 29 visit as confirmed by laboratory results. 1L, first line; 2L, second line; AESI, adverse event of special interest; ALT, alanine transaminase; ASCT, autologous stem cell transplant; AST, aspartate aminotransferase; CrCl, creatinine clearance; CRS, cytokine release syndrome; DL_{CO}, diffusing capacity of the lungs for carbon monoxide; ECOG PS, Eastern Cooperative Oncology Group performance status; LBCL, large B-cell lymphoma; liso-cel, lisocabtagene maraleucel; LTFU, long-term follow up; LVEF, left ventricular ejection fraction; mFU, median follow-up; mo, month; NE, neurologic events; NR, not reached; ORR, overall response rate; OS, overall survival; R/R, relapsed or refractory, ULN, upper limit of normal. 1. Sehgal A, et al. Lancet Oncol 2022;23:1066–1077. 2. Sehgal A, et al. ASH 2023 Oral presentation 105.

Logistics: CAR T cell therapy process



CAR, chimeric antigen receptor; LDC, lymphodepleting chemotherapy; RT, radiotherapy; WBC, white blood cell.
1. Beaupierre A, et al. J Adv Pract Oncol 2019; 10:29—40. 2. Beaupierre A, et al. Clin J Oncol Nurs 2019; 23:27—34. 3. McGuirk J, et al. Cytotherapy 2017; 19:1015—1024.

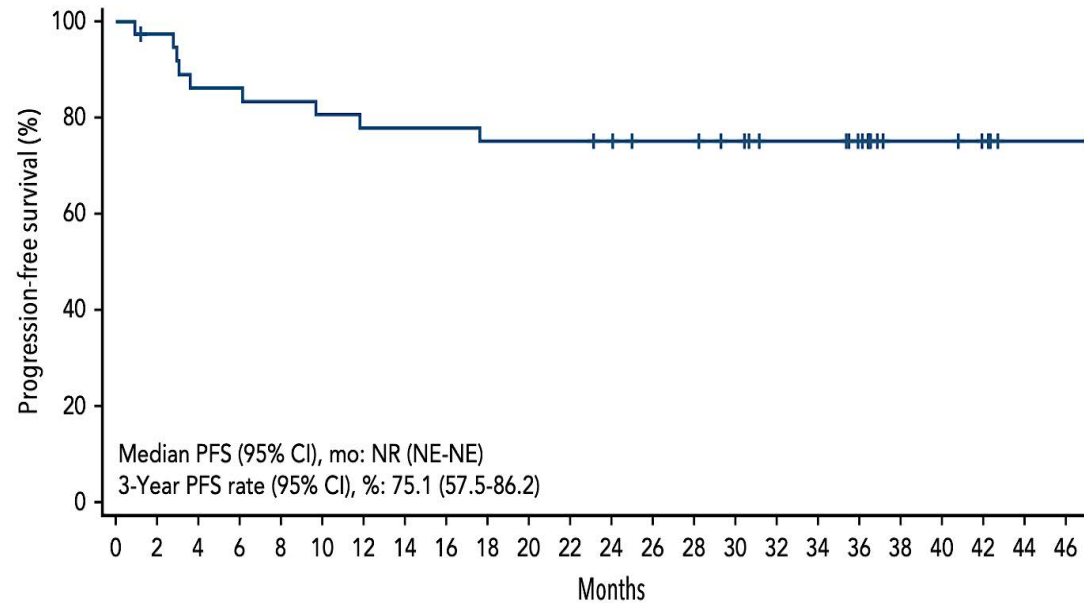
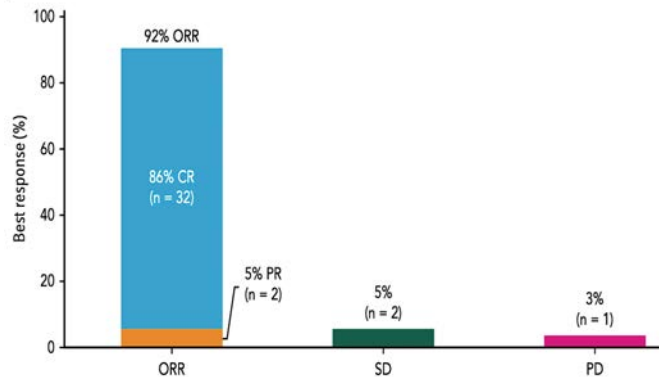
CARs in the front-line setting: ZUMA-12 Study Design



N= 40, Median age 61 (23-86); DHL/THL: 25%, IPI score of ≥ 3 78%, DS 4: 48%, DS 5 53%

ZUMA-12: Efficacy/Safety

ORR 89% and
CR Rate 78%



The most common axi-cel-related Grade ≥ 3 AEs were neutropenia (53%), anemia (30%), encephalopathy (15%) and thrombocytopenia (15%)

CRS : Any Grade: 100%,
Grade 3/> 8%
No Grade 4 and 5 CRS
occurred

NE: Any Grade 73%, Grade
3/>23%, 5% Grade 4
No Grade 5 NE occurred

3 yr PFS 75%; 3 yr OS 81%

Early results with other CAR T-cell platforms in DLBCL

Rapcabtagene Autoleucel (YTB323) in Patients with Relapsed/Refractory Diffuse Large B-cell Lymphoma: Phase II Trial Clinical Update

CD19-directed CAR-T cell therapy utilizes the T-Charge™ platform-preserve T-cell stemness + 2 day manufacturing time followed by release testing.

Phase II study; 12.5×10^6 CAR+ viable T-cell dose;

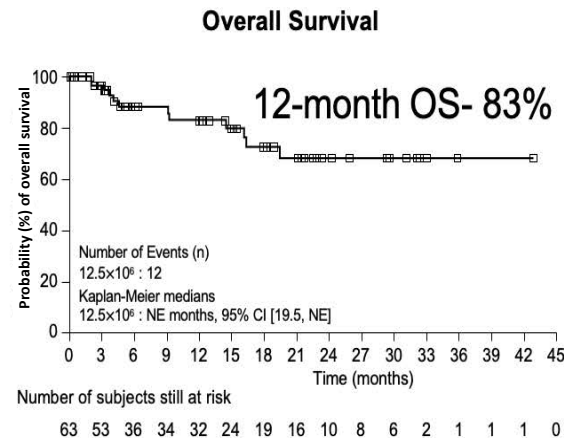
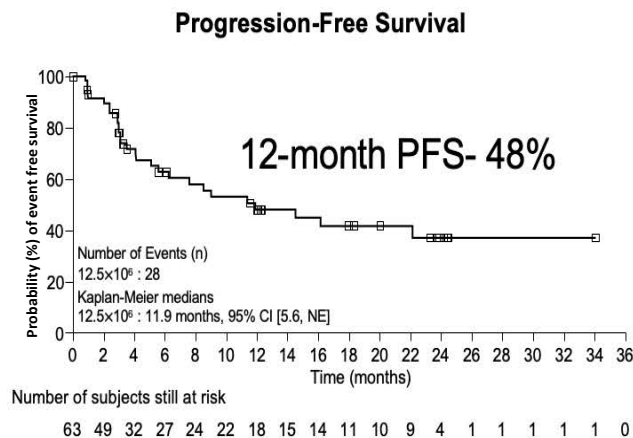
Primary Endpoint: Complete response rate (CR)

N=63, Median age 64, HGBCL -2 5% Refractory – 58%; mLOT- 2, BT- 60%

RESULTS

Median follow up 16 months

Primary Endpoint met- ORR 88% CR 62%



SAFETY

Most common cytopenias

CRS (44%)

Grade ≥ 3 CRS (6%) and ICANS (5%)

1 Grade 3 HLH,

Grade ≥ 3 infection 27%

Grade 5 – 6 patients (2 with PD)

2 doses of LD chemo tested

Lower dose n=28 Fly/Cy 25/250

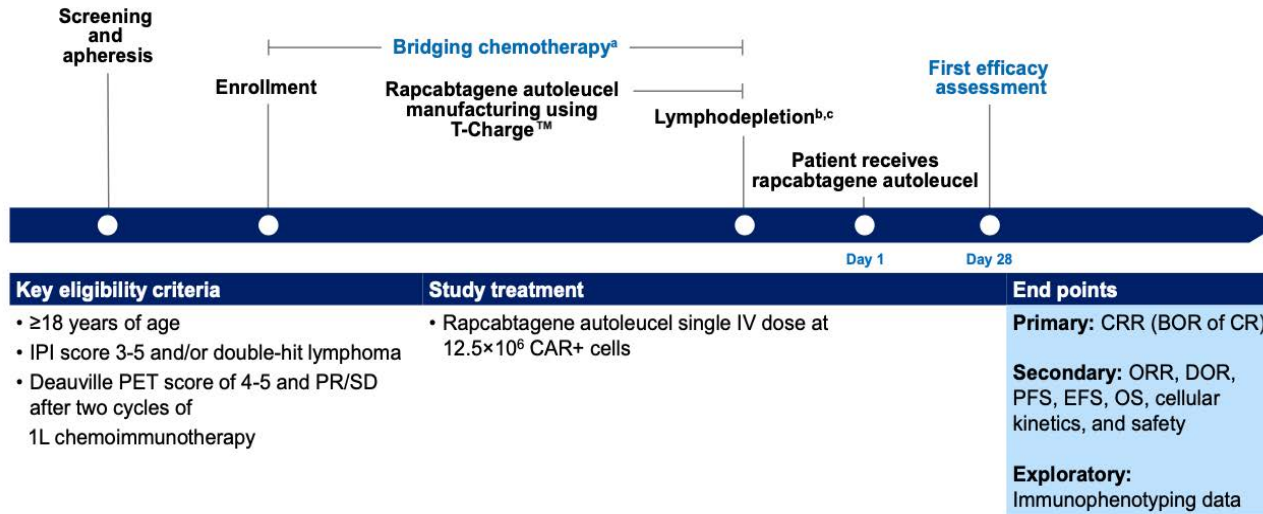
Higher dose n=33 Flu/Cy 30/500

Risk-benefit analyses support lower-dose

Rapcabtagene Autoleucel (YTB323) for Patients With First Line High-Risk Large B-Cell Lymphoma: Phase 2 Interim Results

Phase 2 Study Design

N=53



SAFETY

Most common cytopenias
 49% low grade CRS
 No grade ≥3 CRS events
 Median time to onset of CRS
 11 days
 8% ICANS, 2% Grade 3
 Median time to onset 15 days

Response Rate

	Full analysis set (N = 53)
Median follow-up, months (range)	8.5 (2-24)
ORR (95% CI) ^a	89% (77-96)
BOR	
CR (95% CI) ^a	74% (60-85)
PR ^b	15%

	All patients (N = 53)	Patients with CR at month 3 (N = 29)
Median PFS, ^a months	NR ^b	NR ^b
6-month PFS, ^c %	76	96

CD19×CD20 Dual-Target CAR-T: Early Signals Across Constructs

Trial (NCT)	Phase	N	Method (regimen/duration)	Primary Endpoint	Median Follow-Up	ORR	CR	Median PFS	Median OS	Key ≥G3 toxicities / safety notes
LYL314 / IMPT-314 (NCT05826535) ⁶⁷	1/2	45, 31 eval	Dual CD19×CD20 CAR-T; CD62L ⁺ -enriched product; single infusion	Safety/tolerability	9 mos.	94%	74%	NR	NR	CRS 62% (mostly low grade), ICANS ≥G3 13%, infections 13%
KITE-363 (NCT04989803) ⁶⁸	1	34	Bicistronic CD19/CD20 CAR-T; single infusion	Toxicities and ORR	7.3 mos.	87%	78%	NR	NR	CRS ≥G3 3%, ICANS ≥G3 8%; no grade 4/5 CRS/ICANS
JNJ90014496 / CCAR039 (NCT05421663) ⁶⁹	1b	42	Bispecific antiCD19/CD20 CAR-T; RP2D 75M CAR ⁺ cells	Safety/tolerability	12 mos.	90%	76%	NR	NR	No ≥G3 CRS/ICANS; ≥G3 neutropenia 68%

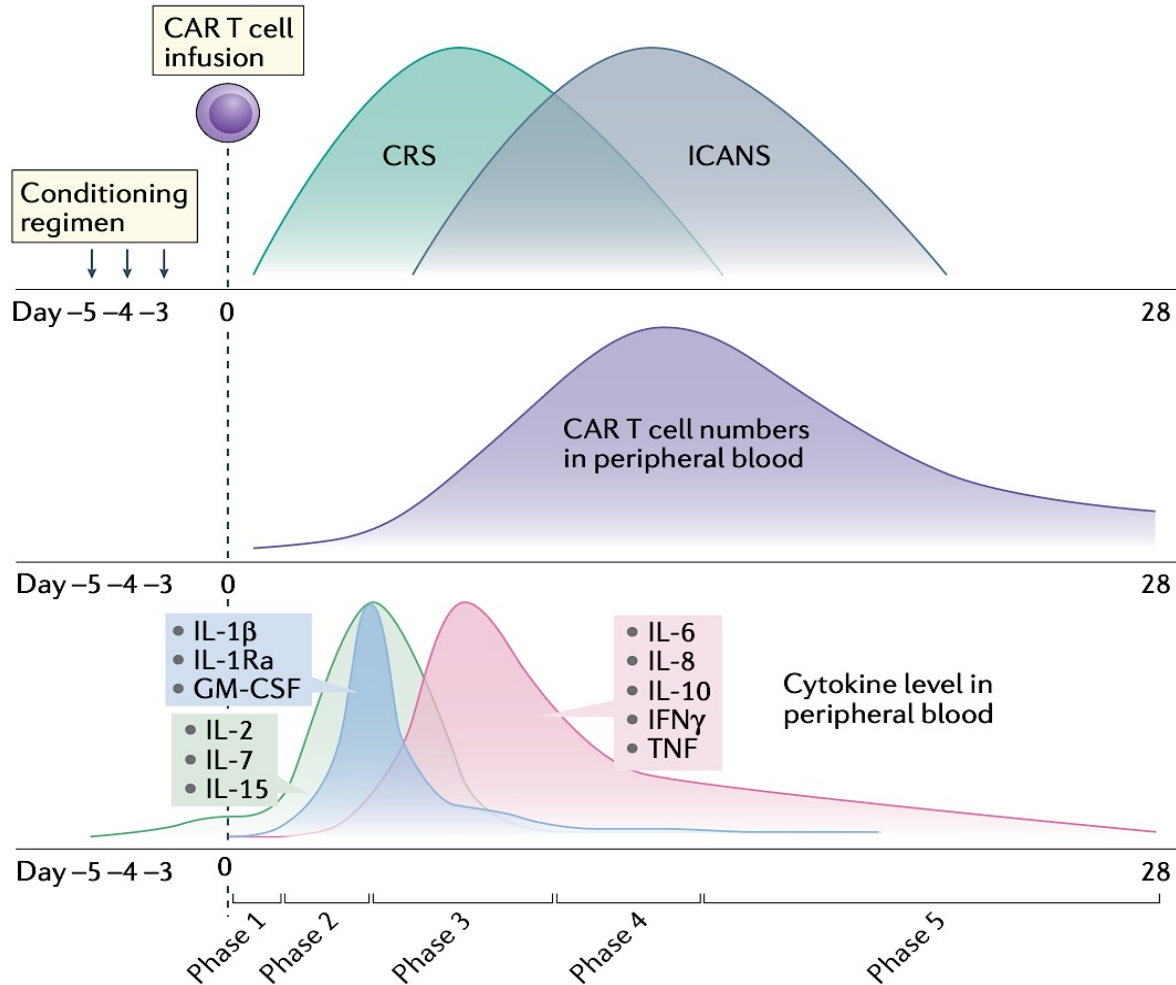
Next Wave of Trials

Phase III RCTs comparing CD19 CARs VERSUS CD19/20 CARs 2L DBCL

CAR T-cell Therapy Toxicities

- CAR-T-cell therapy related unique adverse events
 - **Cytokine release syndrome (CRS)**
 - **Neurotoxicity (ICANS)**
- On-target/Off tumor toxicity - B cell depletion and Hypogammaglobulinemia
- Delayed hematopoietic recovery
- Risk of infection
- Rarely seen toxicities
 - Insertion mutagenesis, Second Primary malignancies

Management of CRS and ICANS



Morris EC, Nat. Rev Immunol, 2022

CRS management

- **Tocilizumab** is first-line therapy (IL-6R antagonist)
- **Corticosteroids** used for higher grade or 2nd line CRS
- Supportive & infectious disease care for all grades

ICANS management

- **Corticosteroids** are first-line therapy
 - Dosing and frequency based on severity
- Rule out other causes
- Supportive care including seizure prophylaxis

Management of Refractory CRS/ICANS

- **Anakinra (IL-1R antagonist)** is favored as an alternate
 - Effective in refractory CRS, ICANS and IEC-HLH
- **Siltuximab (IL-6 antagonist)**
 - Data in tocilizumab failure¹
- JAK/STAT inhibitors
 - **Ruxolitinib**
- **Lenzilumab (neutralizes GM-CSF)**
 - GM-CSF is elevated in severe CRS & neurotoxicity²
 - Preclinical studies - prevented CRS and reduced neurotoxicity³
 - Clinical trial underway in CD19-CART therapy

CAR-T cell therapy-related toxicities (other) and management

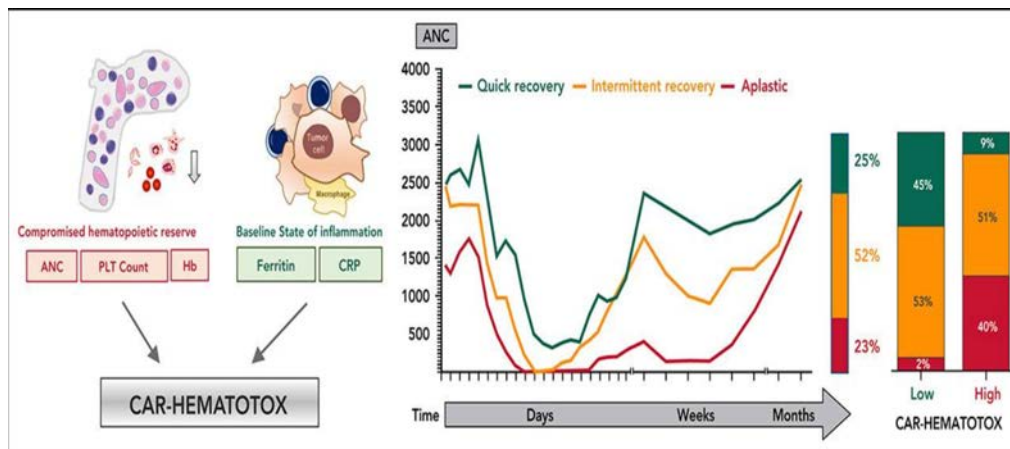
Immune Effector Cell-Associated Hematotoxicity (ICAHT)

- Pre-existing cytopenias
 - Marrow involvement of disease /heavily pre-treated
- General patterns of cytopenias
 - Early (< 30 days) is expected /most common
 - Short-term (30-90 days) can occur in some
 - Prolonged (> 90 days) is uncommon/requires evaluation

B cell Aplasia and Hypogammaglobulinemia

- Expected (On target – off tumor toxicity)
- B-cell aplasia can be profound and severe
- Hypogammaglobulinemia (17-32%)
 - Rates vary across studies
- Management recommendations
 - No consensus
 - Screen monthly during first 3-6 m post CAR T
 - Give IVIG for IgG <400 mg/dL +/- serious infections

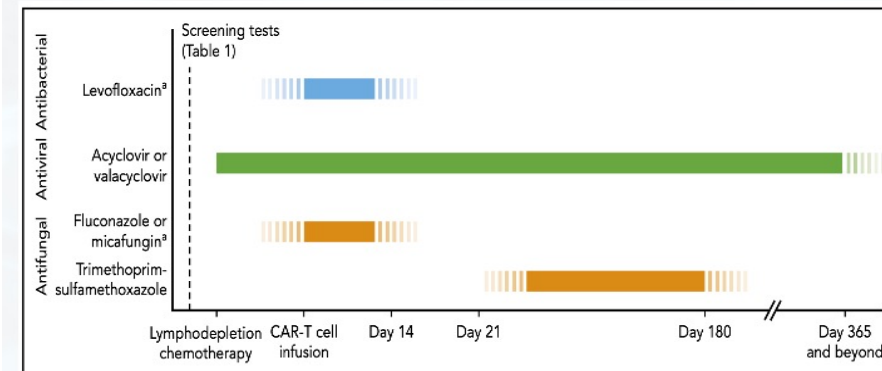
CAR-HEMATOTOX Score



Rejeski et al Blood 2021

Infection Prophylaxis

- Incidence 17-33%
- Work-up neutropenic fevers or infectious symptoms/ Empirically treat until the work-up is negative
- Use growth factor to counter prolonged neutropenia

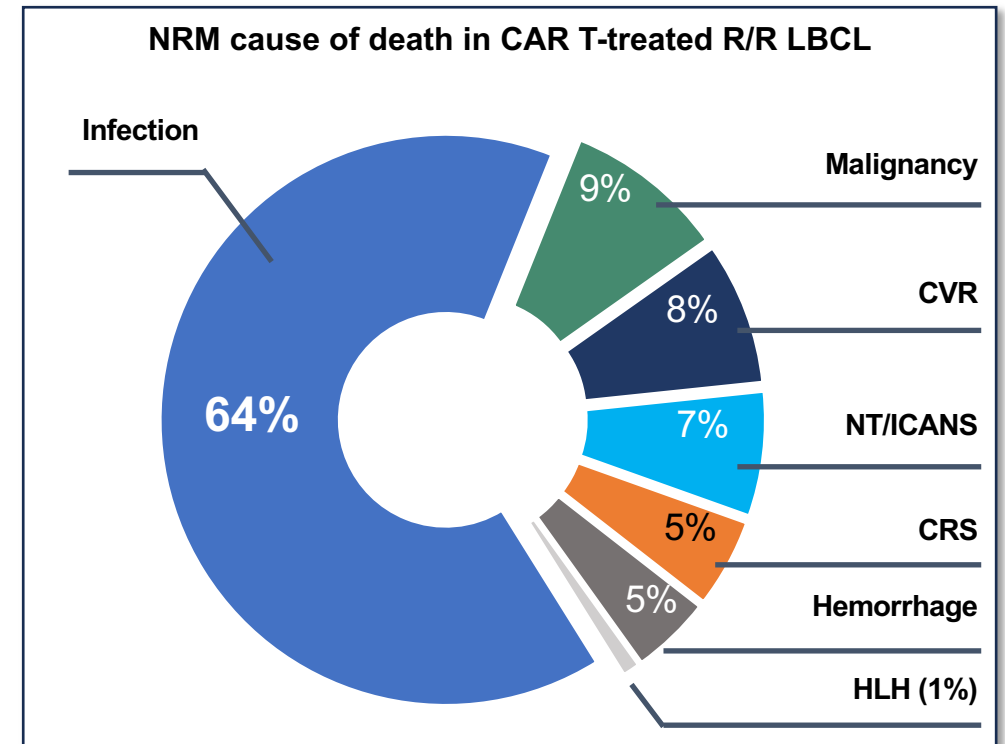
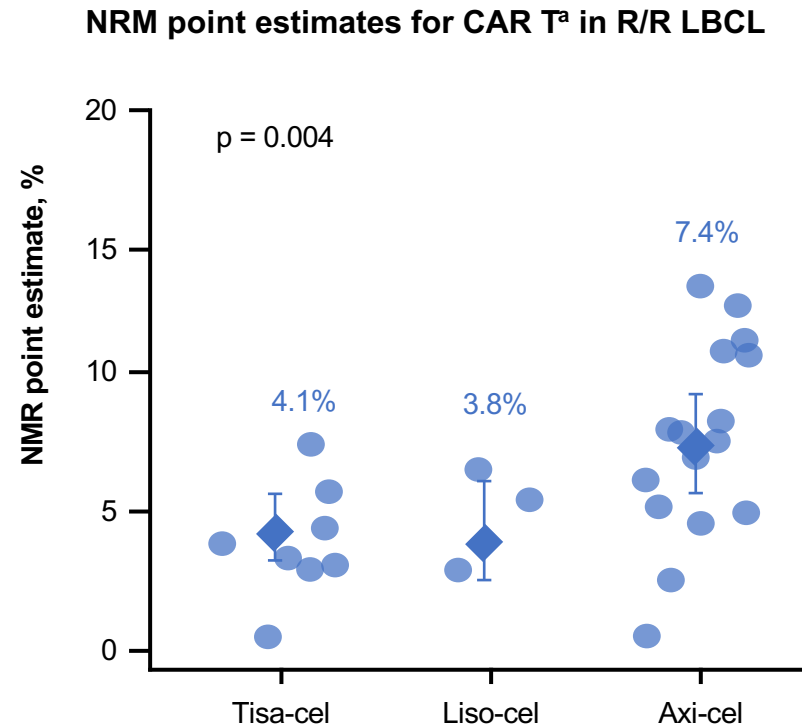


Hill & Seo, Blood Advances, 2020

Infections are the main driver of non-relapse mortality after CAR T

NRM review

Systematic review and meta-analysis assessing non-relapse mortality following CAR T in R/R LBCL for patients treated prior to March 2024 (N = 5,806)

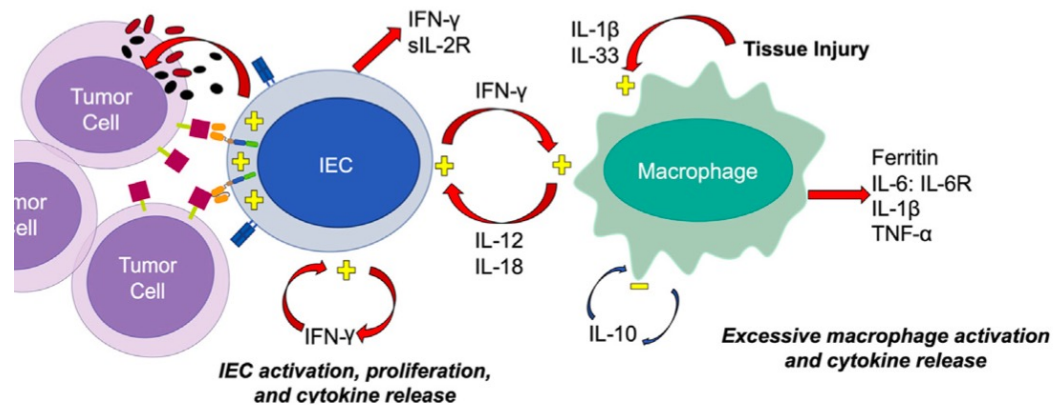


^a Follow-up times were similar across CAR T-cell products. axi-cel, axicabtagene ciloleucel; CAR, chimeric antigen receptor; CRS, cytokine release syndrome; CVR, cardiovascular or respiratory; HLH, hemophagocytic lymphohistiocytosis; ICANS, immune effector cell-associated neurotoxicity syndrome; LBCL, large B-cell lymphoma; liso-cel, lisocabtagene maraleucel; NRM, non-relapse mortality; NT, neurotoxicity; R/R, relapsed or refractory; tisa-cel, tisagenlecleucel.
 Cordas dos Santos DM, et al. Nat Med 2024; 30:2667–2678.

CAR-T cell therapy-related toxicities (Rare) and management

Immune Effector Cell-Associated Hemophagocytic Lymphohistiocytosis-Like Syndrome (IEC-HS)

(usually occurs after CRS – can be delayed)(1-3.5%)



Mild, minimally symptomatic Disease severity Progressive, life-threatening

First-line therapy: Start anakinra +/- corticosteroids

Second-line therapy: Increase anakinra (to target dose), add corticosteroids if not yet started, consider starting ruxolitinib

Third-line therapy: Add ruxolitinib if not yet started. Consider alternative agents (e.g., low-dose etoposide or emapalumab) for life-threatening toxicities

Evaluate alternate etiologies

Secondary Malignancies¹

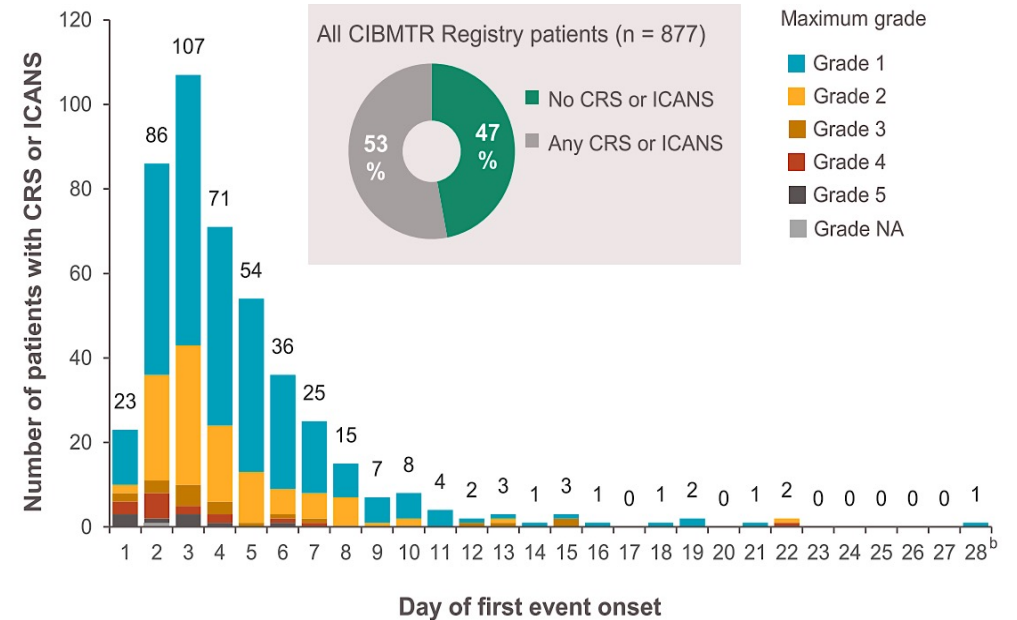
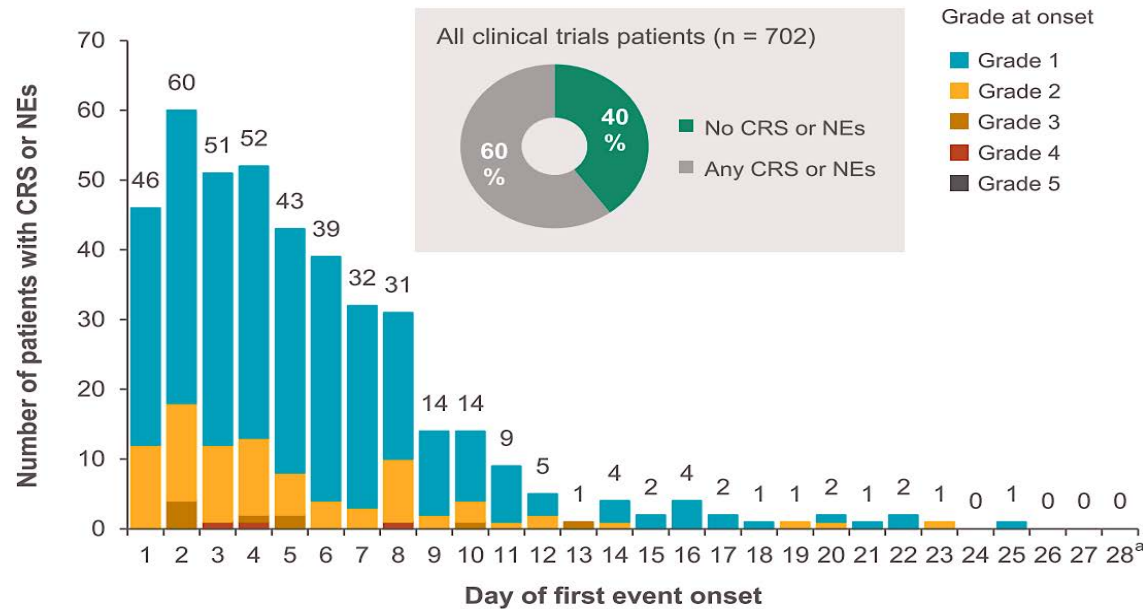
Rates similar to expected incidence following traditional chemotherapy or HSCT

T-cell lymphoma risk- very low

Cellular Therapy

CRS or ICANS Are Rare Beyond 2 Weeks After Lisocabtagene Maraleucel Infusion: Data From Clinical Trials and the Real-World Setting

Bradley D. Hunter^{1,*,#}, Matthew Lunning^{2,#}, Mazyar Shadman³, Sairah Ahmed⁴, Jeremy S. Abramson⁵, Miguel-Angel Perales⁶, Nausheen Ahmed⁷, Abu-Sayef Mirza⁸, Iris Isufi⁹, Matthew J. Frigault¹⁰, Jennifer L. Crombie¹¹, David B. Miklos¹², Alberto Vasconcelos¹³, Alessandro Crotta¹³, David Bernasconi¹³, Debasmita Roy¹⁴, Eric Bleickardt¹⁴, Marcelo C. Pasquini¹⁵, Manali Kamdar¹⁶



Regulatory Updates That Expand Access to CAR T Therapy

Previous Requirement ¹⁻⁴	Updated Requirement ⁵⁻⁸
<p>The Risk Evaluation and Mitigation Strategy (REMS) requirement has been fully removed. Breyanzi and Abecma will no longer be administered through a REMS program</p>	
<p>Providers required to ensure 2 doses of tocilizumab are available before infusion</p>	<p>No change: Providers are still required to ensure 2 doses of tocilizumab are available</p>
<p>If CRS or neurotoxicity is suspected, physicians are advised to manage the AE according to accompanying recommendations in the label</p>	<p>If CRS or neurotoxicity is suspected, physicians are advised to manage the AE according to the accompanying label recommendations and <u>may also consider</u> management per current practice guidelines</p>
<p>Daily monitoring for CRS and neurologic toxicities during the first week (10 days for Carvykti) had to occur at the certified healthcare facility</p>	<p>Daily monitoring for CRS and neurologic toxicities during the first week (without requirement for specific setting)</p>
<p>Patients had to stay within 2 hours of the certified healthcare facility for 4 weeks</p>	<p>Patients instructed to remain within proximity of a healthcare facility for 2 weeks</p>
<p>Patients instructed to avoid driving or operating machinery for 8 weeks after treatment</p>	<p>Patients advised to avoid driving for 2 weeks after treatment</p>

Expanding Access to Community Centers

- **Risk-adapted delivery models:** Outpatient CAR-T, standardized toxicity algorithms, and early intervention pathways
 - **Hub-and-spoke partnerships:** Seamless referral, shared care models, and bidirectional communication between academic and community sites
 - **Education & infrastructure:** Targeted training, nursing support, and protocolized monitoring to ensure safety and confidence
 - **Operational simplification:** Streamlined referral criteria, predictable timelines, and payer-aligned pathways
-
- **The Path Forward**
 - Move from *center-based excellence* → *system-wide capability*
 - Measure success by **who receives CAR-T**, not just **who can deliver it**
 - Align stakeholders—clinicians, payers, industry, and regulators—around **access as a quality metric**

Keynote Session: Diffuse Large B-Cell Lymphoma and Follicular Lymphoma

Part 1 - Diffuse Large B-Cell Lymphoma:

Antibody-Drug Conjugates and Other Novel Strategies in the Management of DLBCL — Prof Salles

Current and Future Role of Monoclonal and Bispecific Antibodies in the Management of DLBCL — Dr Patel

Chimeric Antigen Receptor (CAR) T-Cell Therapy for DLBCL — Dr Kamdar

Part 2 – Follicular Lymphoma:

CAR T-Cell Therapy for FL — Prof Salles

Other Approved and Emerging Novel Therapies for FL — Dr Patel

Integrating Bispecific Antibodies into the Management of FL — Dr Kamdar

CAR T-Cell Therapy in Follicular Lymphoma

Gilles SALLES

Lymphoma Service, Steven Greenberg Chair, Memorial Sloan Kettering Cancer Center
Weill Cornell Medical College, New York, US



Disclosures

Advisory Committees	AbbVie Inc, BeOne, Bristol Myers Squibb, Foresight Diagnostics, Genentech, a member of the Roche Group, Genmab US Inc, Incyte Corporation, Ipsen Biopharmaceuticals Inc, Janssen Biotech Inc, Kite, A Gilead Company, Lilly, Merck, Novartis, Nurix Therapeutics Inc, Pfizer Inc, SERB Pharmaceuticals
Consulting Agreements	AbbVie Inc, Canopy Life Sciences, Daiichi Sankyo Inc, Ellipses Pharma, Genentech, a member of the Roche Group, Genmab US Inc, Incyte Corporation, Kite, A Gilead Company, ModeX Therapeutics, Treeline Biosciences
Contracted Research	AbbVie Inc, Genentech, a member of the Roche Group, Genmab US Inc, Ipsen Biopharmaceuticals Inc, Janssen Biotech Inc

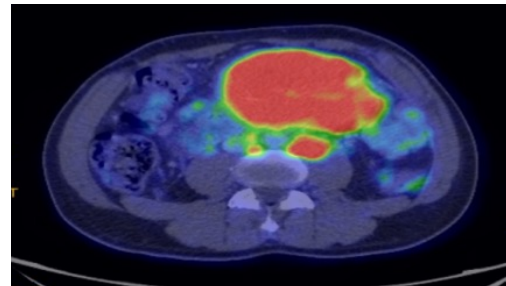
Patient with Refractory FL treated with CAR T-cell

53 year old patient

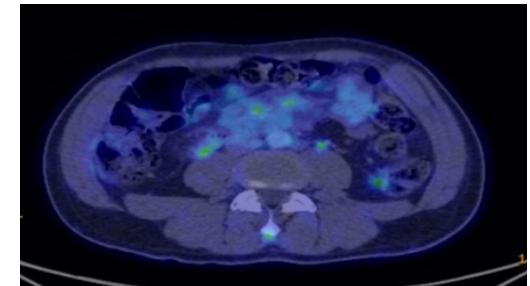
Resistant to 4 lines of subsequent Tx:

- R-CHOP x 6
- R-DHAOx + Ibru
- Obinu + LEN
- Benda + Obinu

Before CAR-T

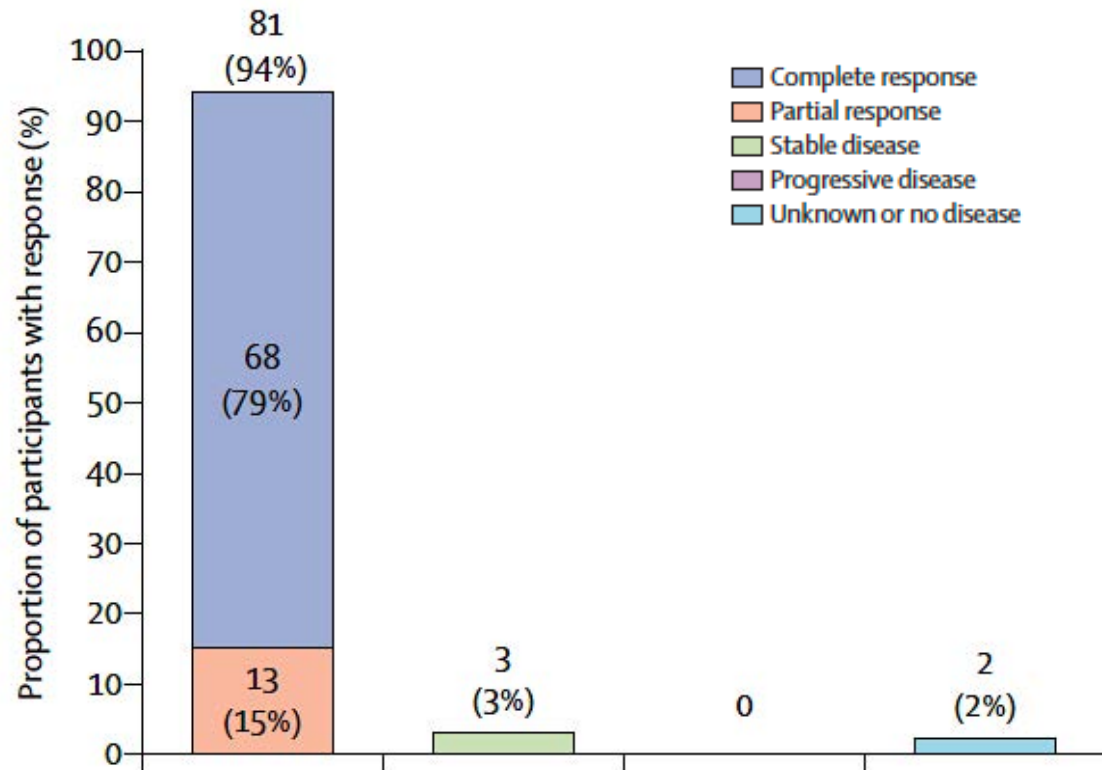


3 months post CAR-T

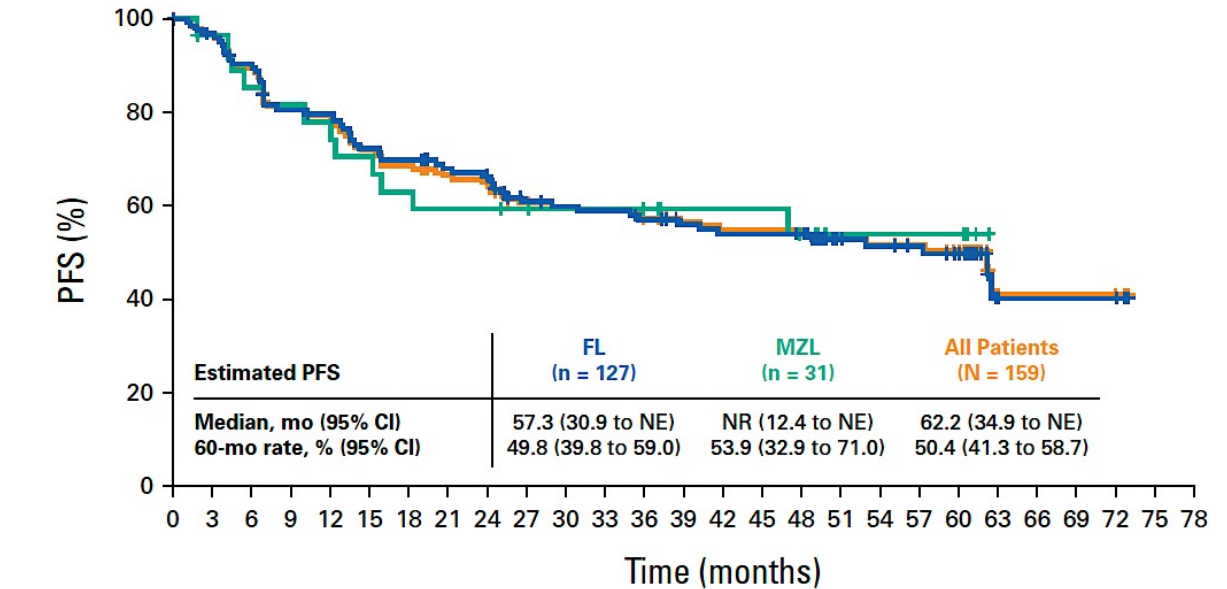


ZUMA-5: Axicabtagene-Ciloleucel (axi-cel)

High response rates



Progression Free Survival

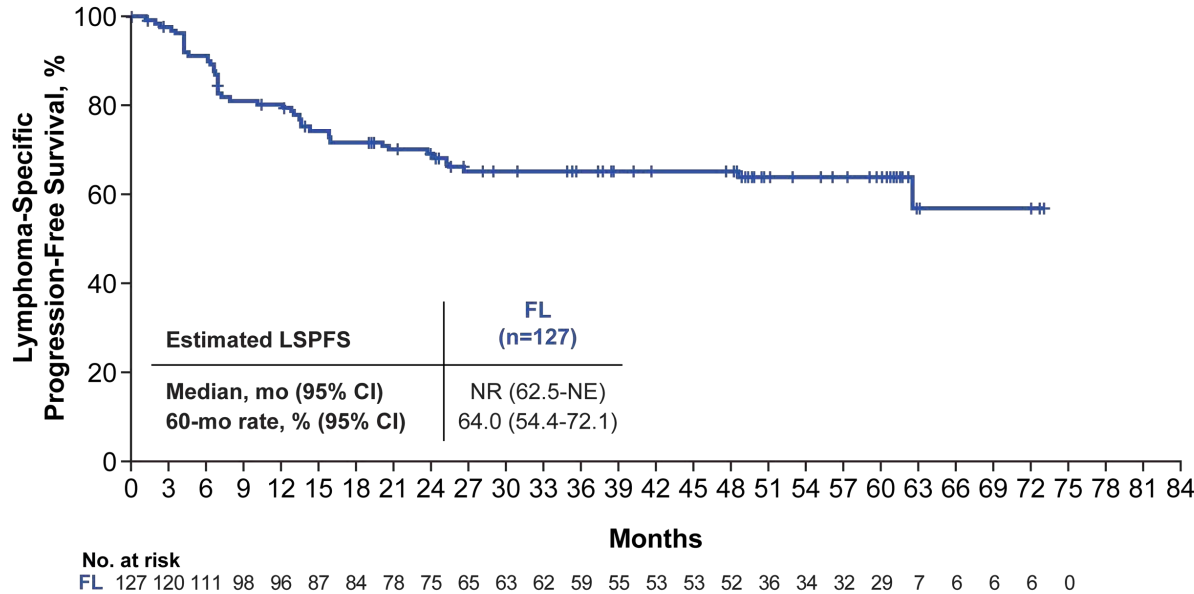


Number at risk:

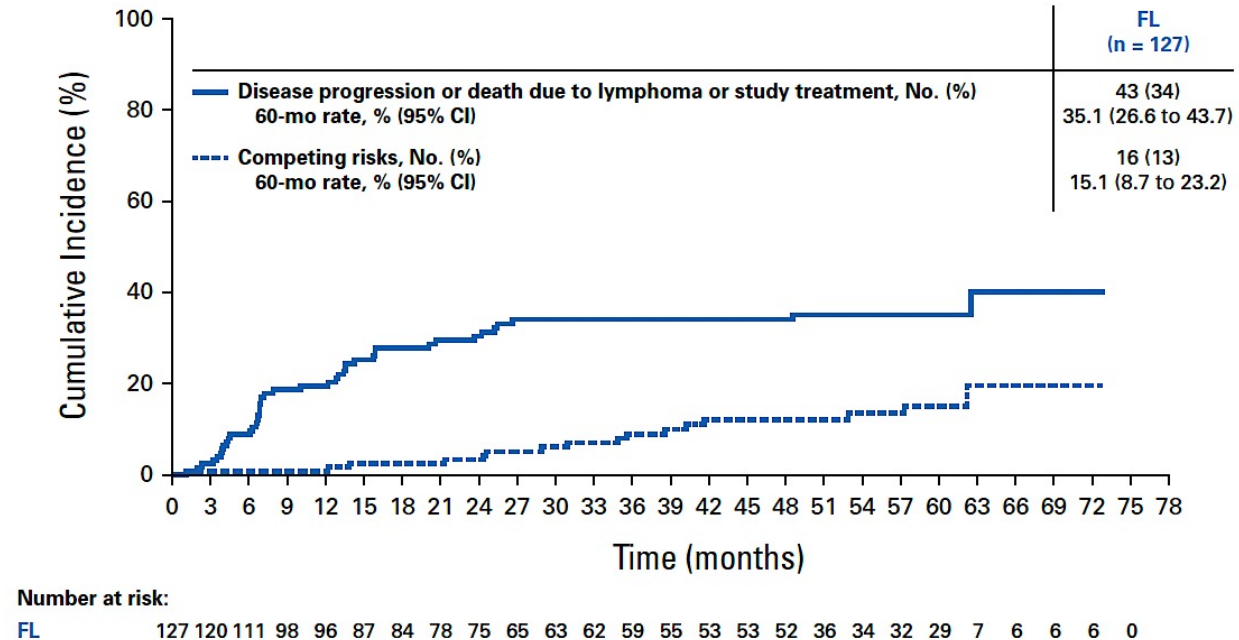
FL	127	120	111	98	96	87	84	78	75	65	63	62	59	55	53	53	52	36	34	32	29	7	6	6	6	0
MZL	31	26	23	22	21	19	17	16	16	15	14	14	13	11	11	11	9	4	4	4	4	0				
All patients	159	146	134	120	117	106	101	94	91	80	77	76	72	66	64	64	61	40	38	36	33	7	6	6	6	0

ZUMA-5 (axi-cel): 5-year follow-up indicates possible cure in FL

Prolonged duration of response



Cumulative Incidence of Relapse

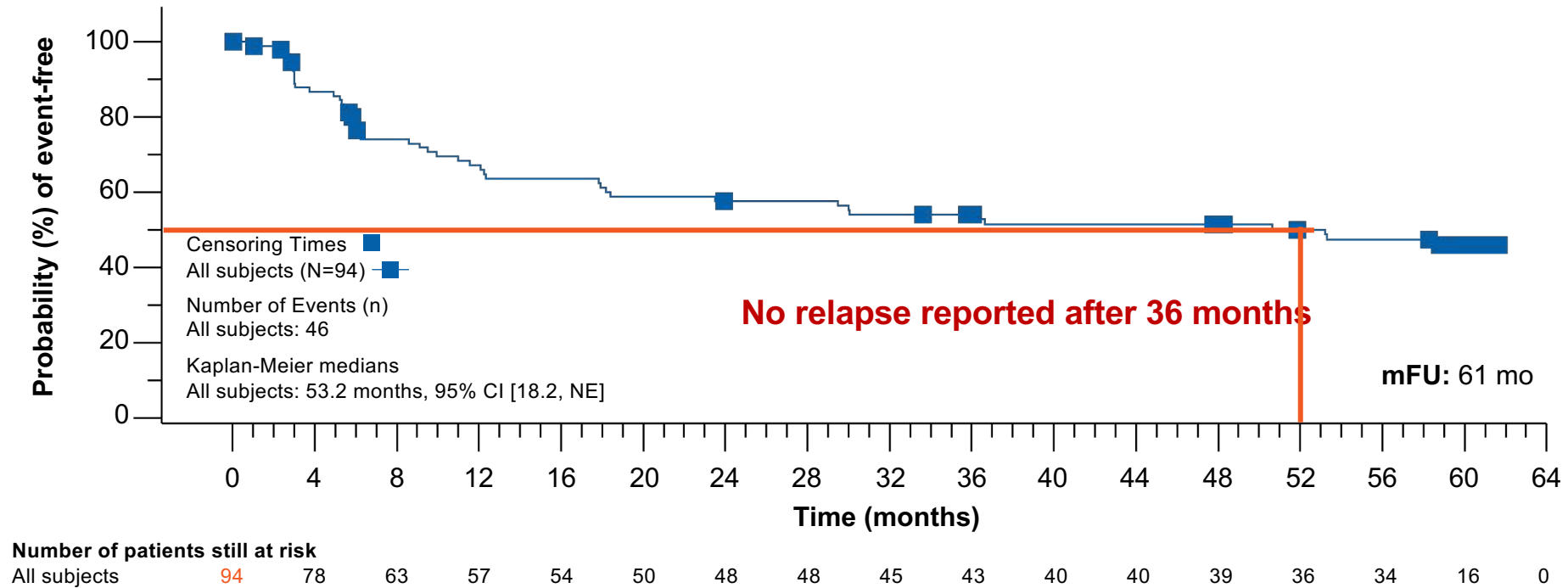


ELARA (tisa-cel): Consistent Response Rate Was Reported in All Patients and High-risk Subgroups

Response rate, all patients and high-risk subgroups	ORR, % (n/N)	CRR, % (n/N)
All patients (efficacy analysis set^a)	86.2 (81/94)	68.1 (64/94)
Patients with high-risk characteristics		
High FLIPI (3-5 risk factors)	80.7 (46/57)	61.4 (35/57)
POD24 ^b	82.0 (50/61)	59.0 (36/61)
Bulky disease ^c	85.5 (53/62)	64.5 (40/62)
Double refractory	84.6 (55/65)	66.2 (43/65)

CRR, complete response rate; FLIPI, Follicular Lymphoma International Prognostic Index; ORR, objective response rate; POD24, progression of disease within 2 years of frontline systemic therapy.
^aEfficacy analysis set includes all patients who have received tisagenlecleucel and had measurable disease at baseline per IRC. ^bPOD24 from first anti-CD20 mAb-containing therapy or rituximab monotherapy.
^cBulky disease defined as 1 lesion >7 cm or at least 3 lesions >3 cm.

ELARA (tisa-cel): Median PFS Was 53.2 Months



- **The 60-month PFS rate was 46% in all patients, and 59.8% in patients who experienced CR¹**

ELARA (tisa-cel): Exploratory Analyses of MRD (clonoSeq assay)

MRD^a-Negative Rate by Timing After Tisagenlecleucel Infusion

	N = 31 ^b , % (n/N)
Day 28	82.0 (22/27)
Month 3	75.0 (12/16)
Month 6	69.0 (11/16)
Month 12	76.0 (13/17)
Any time	90.0 (28/31)

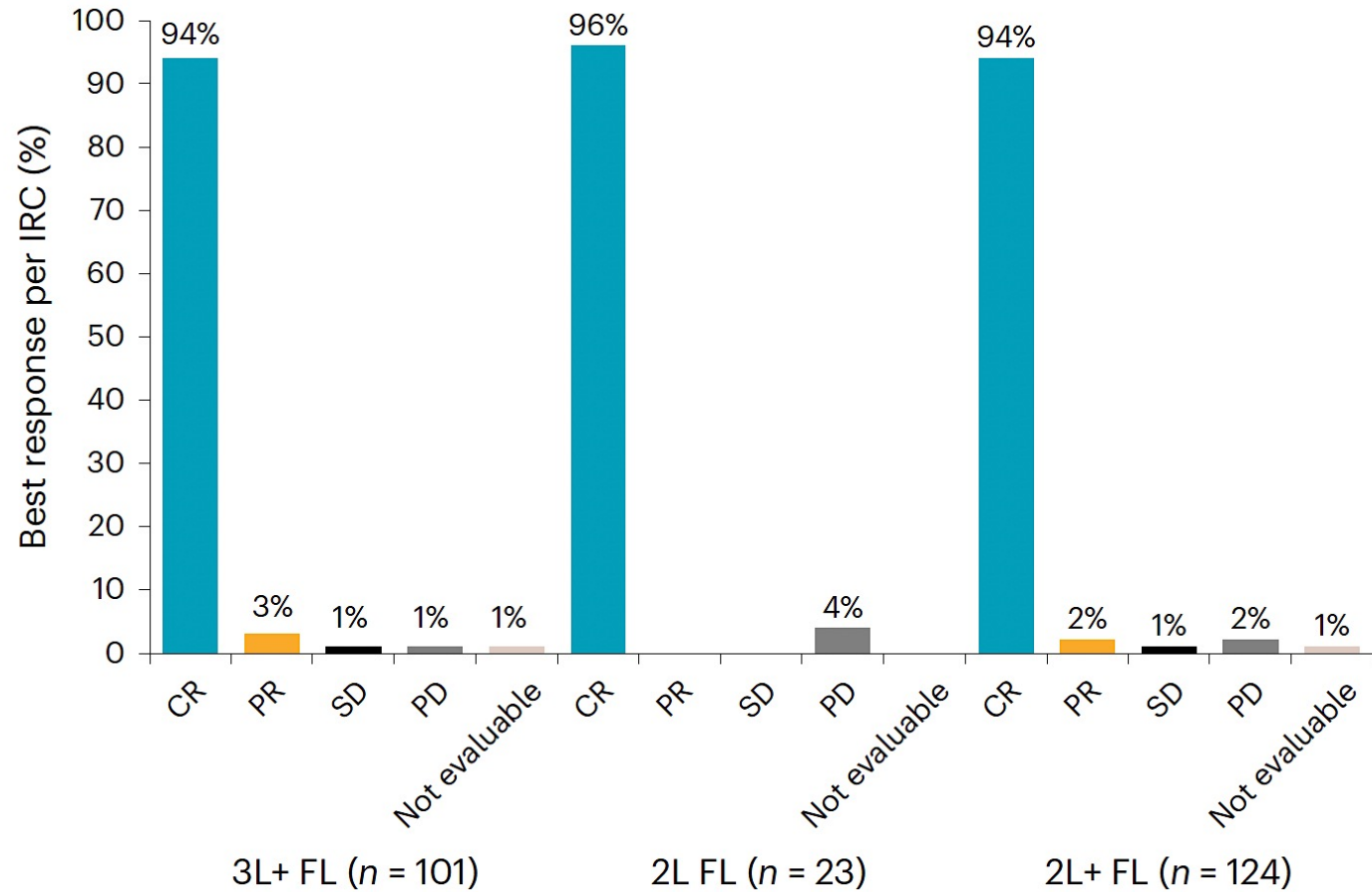
- MRD data were available for 31 of 94 patients (33.0%)
 - 90.3% of evaluable patients (28/31) achieved MRD negativity at any time point
 - **63.6% of patients with MRD-negative status at month 6 (7/11) are ongoing without relapse**
 - All 5 patients with MRD-positive status at month 6 relapsed
- CAR transgene persistence was observed for up to 1680 days; median T_{last} was 210 days (range: 13-1680)

^aNext Generation Sequencing (clonoSEQ assay - Adaptive Biotechnologies, Seattle, WA) was used for MRD analysis. ^bPatients evaluated for MRD response. MRD, minimal residual disease; T_{last}, time to last measurable concentration.

TRANSCEND (liso-cel) FL: Baseline Characteristics

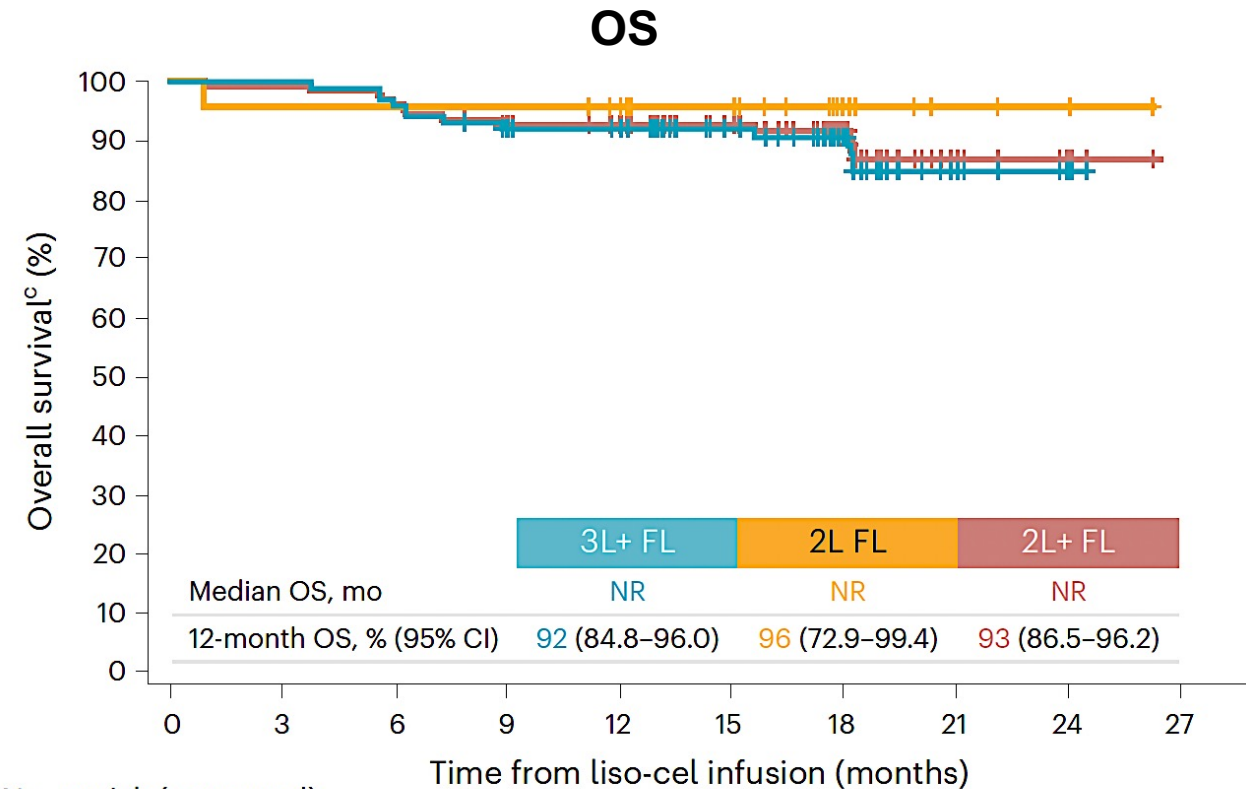
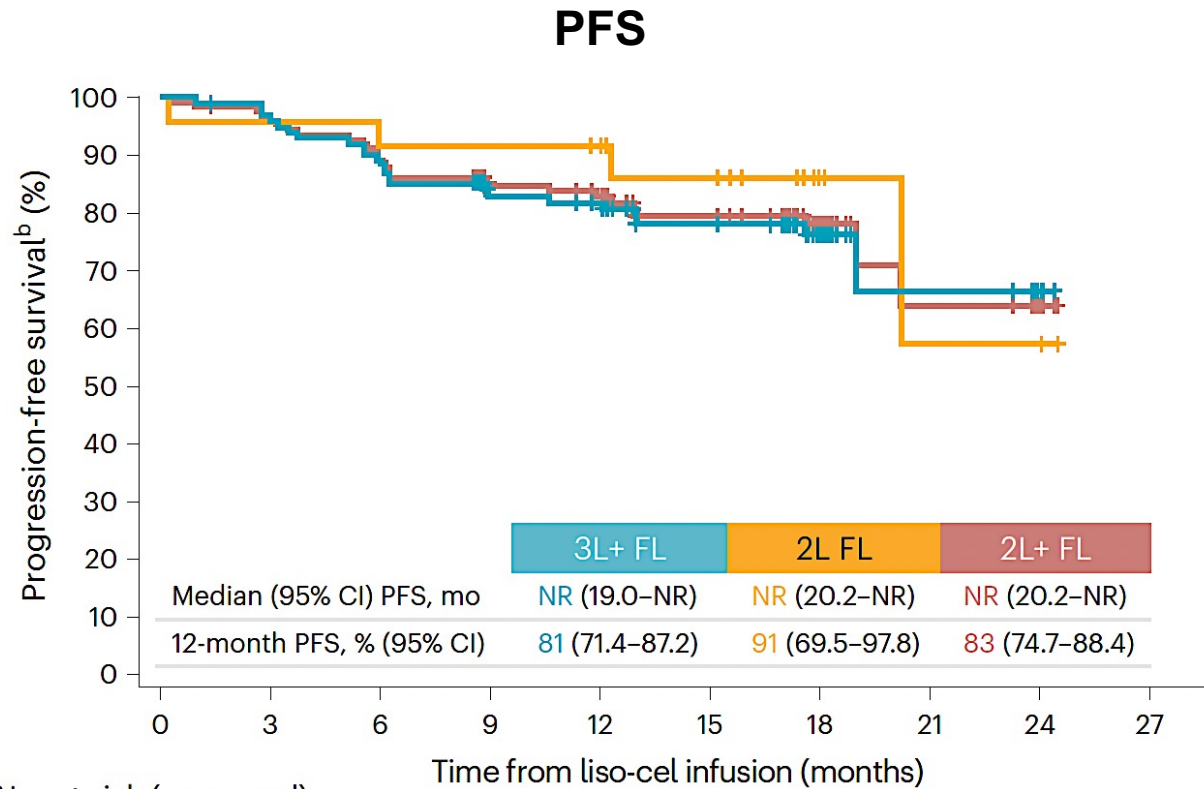
	2L FL (n = 23)	3L+ FL (n = 107)
Median (range) age, y	53 (34–69)	62 (23–80)
Male, n (%)	17 (74)	66 (62)
FL grade 1 or 2 / 3a at screening, ^a n (%)	17 (74) / 6 (26)	81 (76) / 25 (23)
Ann Arbor stage at screening, n (%)		
Stage I/II	6 (26)	12 (11)
Stage III/IV	17 (74)	95 (89)
FL International Prognostic Index at screening, n (%)		
Low risk (0–1) / intermediate risk (2)	11 (48) / 4 (17)	12 (11) / 34 (32)
High risk (3–5)	8 (35)	61 (57)
LDH > ULN before lymphodepletion, n (%)	6 (26)	47 (44)
Met mGELF criteria at most recent relapse, n (%)	16 (70)	57 (53)
Symptoms attributable to FL	6 (26)	13 (12)
Threatened end-organ function/cytopenia secondary to lymphoma/bulky disease	7 (30)	24 (22)
Splenomegaly	0	4 (4)
Steady progression over at least 6 months	3 (13)	16 (15)
Median (range) prior lines of systemic therapy	1 (1–1)	3 (2–10)
Prior HSCT, n (%)	0	33 (31)
Received prior rituximab and lenalidomide, n (%)	0	23 (21)
Refractory to last systemic therapy, ^b n (%)	15 (65)	72 (67)
Double refractory (anti-CD20 and alkylator), ^c n (%)	11 (48)	69 (64)
POD24 from initial immunochemotherapy, n (%)	15 (65)	58 (54)
POD24 from diagnosis, n (%)	12 (52)	46 (43)
Received bridging therapy, n (%)	5 (22)	44 (41)

Liso-cel induces very high response rates in follicular lymphoma



	ORR	CR rate
3L+ FL (n = 101)	97% (95% CI: 91.6–99.4) <i>P</i> < 0.0001 ^a	94% (95% CI: 87.5–97.8) <i>P</i> < 0.0001 ^a
2L FL (n = 23)	96% (95% CI: 78.1–99.9) <i>P</i> < 0.0001 ^b	96% (95% CI: 78.1–99.9) <i>P</i> < 0.0001 ^b
2L+ FL (n = 124)	97% (95% CI: 91.9–99.1) ^c	94% (95% CI: 88.7–97.7) ^c

Liso-cel induces durable remissions in follicular lymphoma



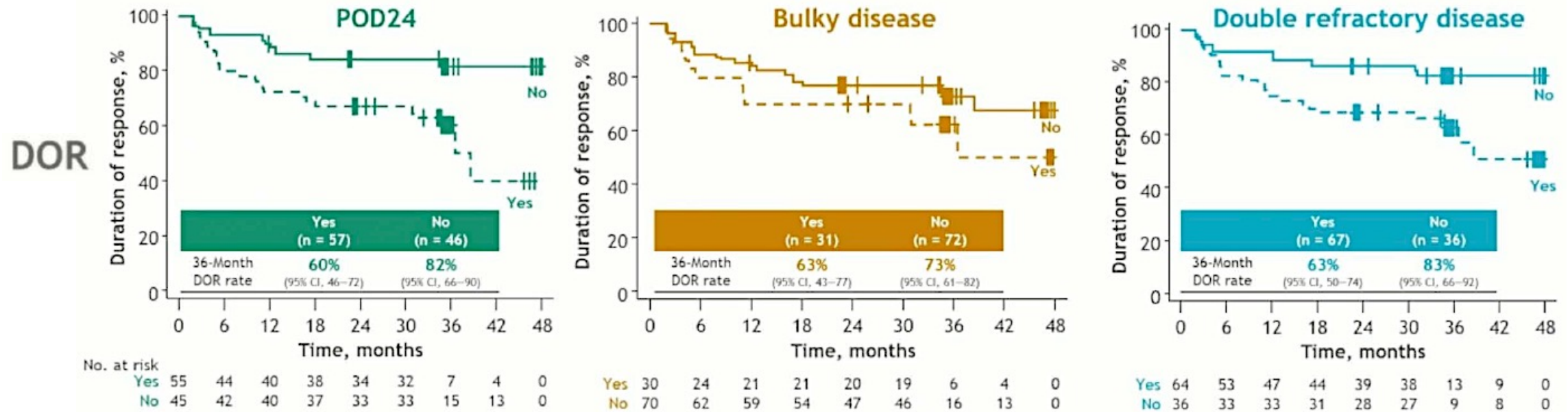
No. at risk (censored)

	0	3	6	9	12	15	18	21	24	27
3L+ FL	101 (0)	96 (1)	89 (0)	78 (6)	72 (3)	50 (20)	19 (30)	7 (11)	2 (5)	0 (2)
2L FL	23 (0)	22 (0)	21 (0)	21 (0)	20 (1)	16 (3)	5 (11)	2 (2)	2 (0)	0 (2)
2L+ FL	124 (0)	118 (1)	110 (0)	99 (6)	92 (4)	66 (23)	24 (41)	9 (13)	4 (5)	0 (4)

No. at risk (censored)

	0	3	6	9	12	15	18	21	24	27
3L+ FL	101 (0)	101 (0)	97 (0)	90 (3)	86 (4)	63 (23)	38 (24)	11 (25)	3 (8)	0 (3)
2L FL	23 (0)	22 (0)	22 (0)	22 (0)	20 (2)	17 (3)	8 (9)	3 (5)	2 (1)	0 (2)
2L+ FL	124 (0)	123 (0)	119 (0)	112 (3)	106 (6)	80 (26)	46 (33)	14 (30)	5 (9)	0 (5)

3-Year Results From the TRANSCEND FL Study of Lisocabtagene Maraleucel in Patients With 3L+ FL: DOR and PFS Across Subgroups

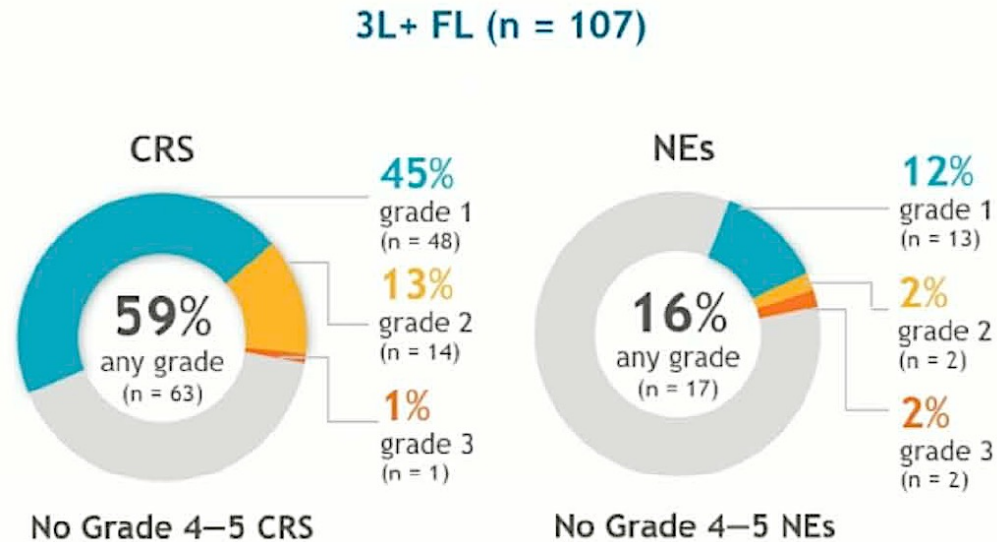


36-Month PFS rate	POD24 (n = 57)	No POD24 (n = 46)	Bulky disease (n = 31)	No bulky disease (n = 72)	Double refractory (n = 67)	Not double refractory (n = 36)
		58% (95% CI, 43–70)	80% (95% CI, 65–89)	61% (95% CI, 41–75)	71% (95% CI, 58–80)	60% (95% CI, 47–71)

- Responses were durable with high PFS rates among patients with high-risk disease
- Of the evaluated subgroups, median DOR was only reached among those with POD24

POD24, progressive disease ≤24 mo from initial immunochemotherapy.
Ahmed S, et al. ASH 2025. Abstract 467.

3-Year Results From the TRANSCEND FL Study of Lisocabtagene Maraleucel in Patients With 3L+ FL: Safety and Summary



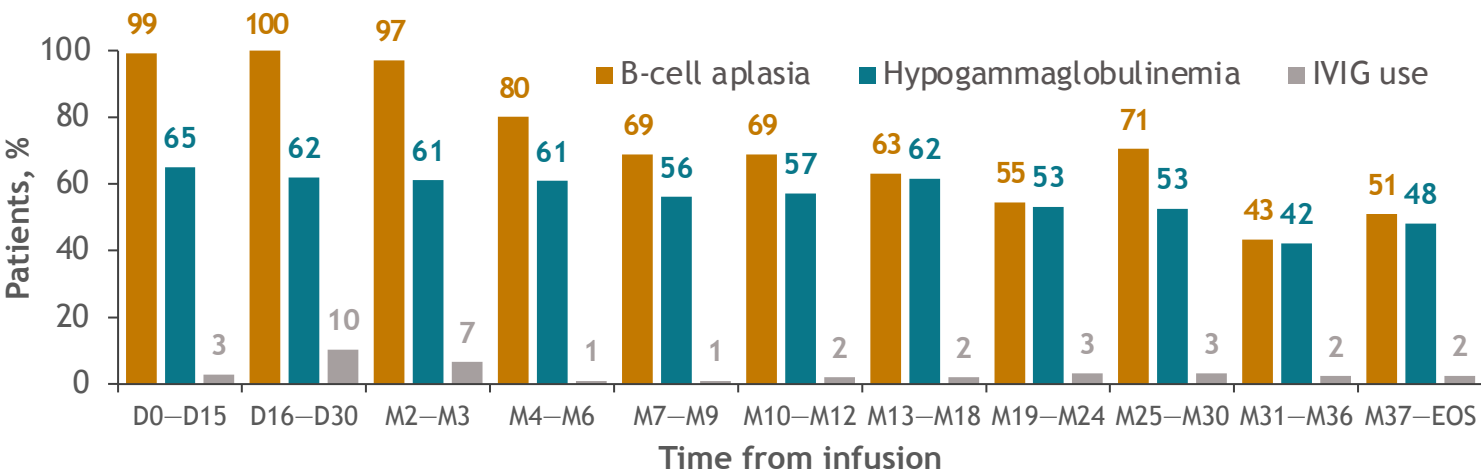
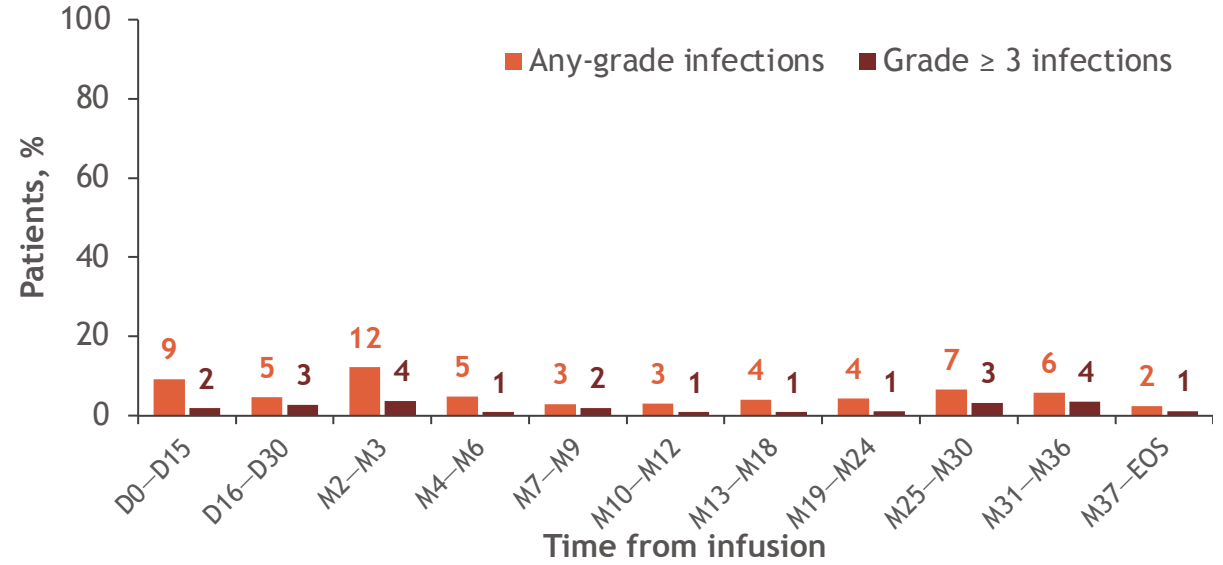
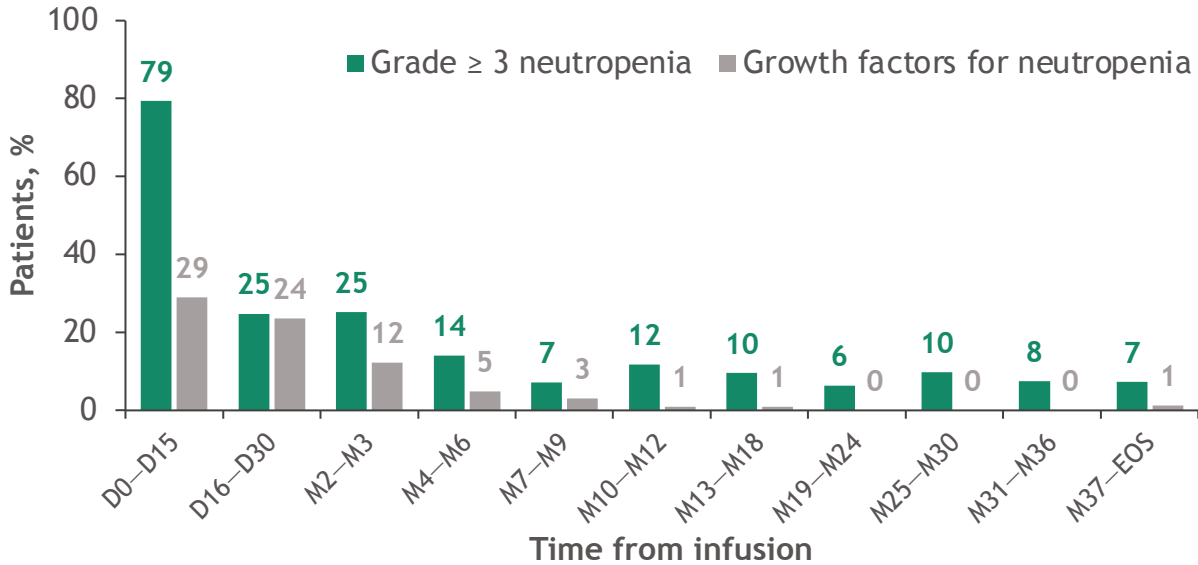
	3L+ FL (n=107)
Grade ≥3 infection, n (%)	13 (12)
TE period	7 (7)
Post-TE period	8 (7)
Second primary malignancy, n (%)	11 (10)
Non-hematologic	7 (7)
Hematologic	4 (4)
Secondary T-cell malignancy, n (%)	0 (0)
Grade ≥3 cytopenia at Day 90 visit, n (%)	23 (21)
Recovered to Grade ≤2 by Day 365, n/N (%)	18/19 (95)

- No new safety signals observed with longer follow-up
- Most cases of CRS and NEs were Grades 1-2
- Incidence of Grade ≥3 neutropenia and use of growth factors was consistently low after Month 4
- >50% of patients had persistent B-cell aplasia or hypogammaglobulinemia at 1-y after infusion; despite this, incidence of infections was consistently low in long-term follow-up

Authors' Conclusions

- Liso-cel showed high rates of deep (CR rate, 94%) and durable responses (36-mo DOR, 70%) with sustained survival (36-mo OS, 86%) in 3L+ R/R FL
- Consistently high efficacy was seen across subgroups, even among patients with high-risk characteristics (POD24, bulky disease, double-refractory disease)
- Longitudinal analyses demonstrated favorable long-term safety

Liso-cel showed favorable long-term safety



- Incidences of grade \geq 3 neutropenia and use of growth factors remained consistently low from Month 4 onward
- Incidences of infections were consistently low across all time periods despite persistent B-cell aplasia or hypogammaglobulinemia in > 50% of patients at 1 year after infusion

Proportions for grade \geq 3 neutropenia, B-cell aplasia, and hypogammaglobulinemia were calculated using the number of patients evaluated for each laboratory parameter in each time period as the denominator. From M25-M36, > 50% of patients on study had missing values for laboratory parameters. Proportions for infections and growth factor use were calculated using the number of patients on study in each time period: D0-D15, n = 107; D16-D30, n = 106; M2-M3, n = 106; M4-M6, n = 105; M7-M9, n = 100; M10-M12, n = 97; M13-M18, n = 97; M19-M24, n = 94; M25-M30, n = 90; M31-M36, n = 85; M37-EOS, n = 81. Monthly ranges start on the first day of the first month and end on the last day of the last month. Each patient is counted once in each time period but is counted again if having an event in another time period. Results are consistent when patients who started subsequent antilymphoma therapy were excluded at the initiation of subsequent therapy. D, Day; M, Month; IVIG, intravenous immunoglobulin G.

3L⁺ CAR T-cell therapy comparison in R/R FL

	Axicabtagene- ciloleucel (ZUMA-5) ^{1,2}	Tisagenlecleucel (ELARA) ^{3,4}	Lisocabtagene- maraleucel (TRANSCEND FL) ^{5,6}
Patients	n = 127	n = 97	n = 107
POD24	55%	63%	43%
Refractory to prior tx	69%	78%	38%
Any grade CRS/NE	78% / 56%	49% / 37%	58% / 15%
Grade \geq 3 CRS/NE	6% / 15%	1% / 3%	1% / 2%
ORR rate	94%	86%	97%
CR rate	79%	68%	94%
CR duration	36-mo DOCR, 62%	24-mo DOCR, 78%	24-mo DOCR, 75%
PFS	Median 40.2 mos 36-mo rate, 54%	Median, NR 24-mo rate, 57%	Median, NR 24-mo rate, 73%

3L⁺ CAR T-cell therapy comparison in R/R FL

	Axicabtagene- ciloleucel (ZUMA-5) ^{1,2}	Tisagenlecleucel (ELARA) ^{3,4}	Lisocabtagene- maraleucel (TRANSCEND FL) ^{5,6}
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Grade \geq 3 CRS/NE	6% / 15%	1% / 3%	1% / 2%
ORR rate	94%	86%	97%
CR rate	79%	68%	94%
CR duration	36-mo DOCR, 62%	24-mo DOCR, 78%	24-mo DOCR, 75%
PFS	Median 40.2 mos 36-mo rate, 54%	Median, NR 24-mo rate, 57%	Median, NR 24-mo rate, 73%

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ORR rate	94%	86%	97%
CR rate	79%	68%	94%
CR duration	36-mo DOCR, 62%	24-mo DOCR, 78%	24-mo DOCR, 75%
PFS	Median 40.2 mos 36-mo rate, 54%	Median, NR 24-mo rate, 57%	Median, NR 24-mo rate, 73%

CAR T-Cell Eligibility in FL

Regulatory

- Country-Specific HA approval
- Reimbursement
- 3rd line
- ASCT eligible?

Patient

- Information/Knowledge
- Referral to a new (distant) team
- Caregiver Presence (30/15 days) / Costs
- Comorbidities
- Organ Dysfunction

Disease

- Disease Pace
- Disease Burden
- Performance Status
- Infection
- CNS Disease?

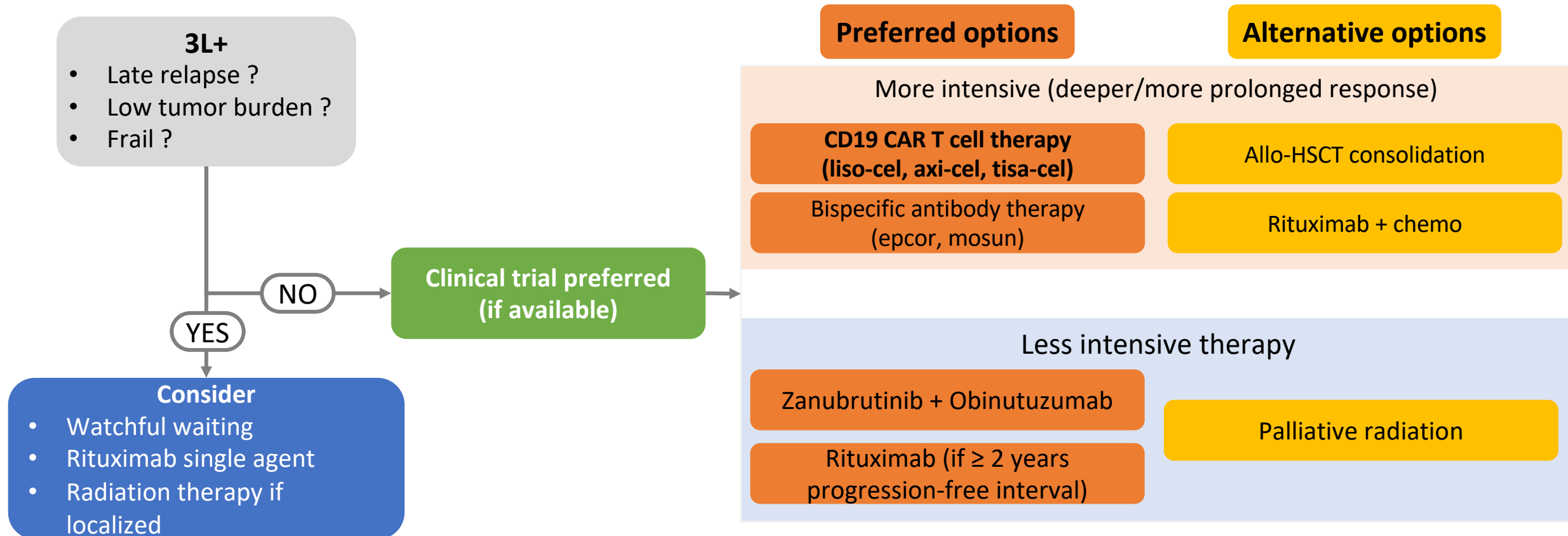
Logistics

- Patient Referral
- Insurance Approval
- Apheresis Slot
- Bridging
- Manufacturing Failure

Product

- Axi-cel vs Tisa-cel vs Liso-cel

CAR T cell therapy in Follicular Lymphoma



Always rule out histological transformation – new biopsy recommended

BsAb

❖ *PROs*

- Off the shelf
- Outpatient
- Easy Schedule
- Minimal Constraints

❖ *CONs*

- CRS 1st cycle
- Infections
- Treatment duration
- Lower efficacy (single agent)
- Long-term data are still missing

CAR T

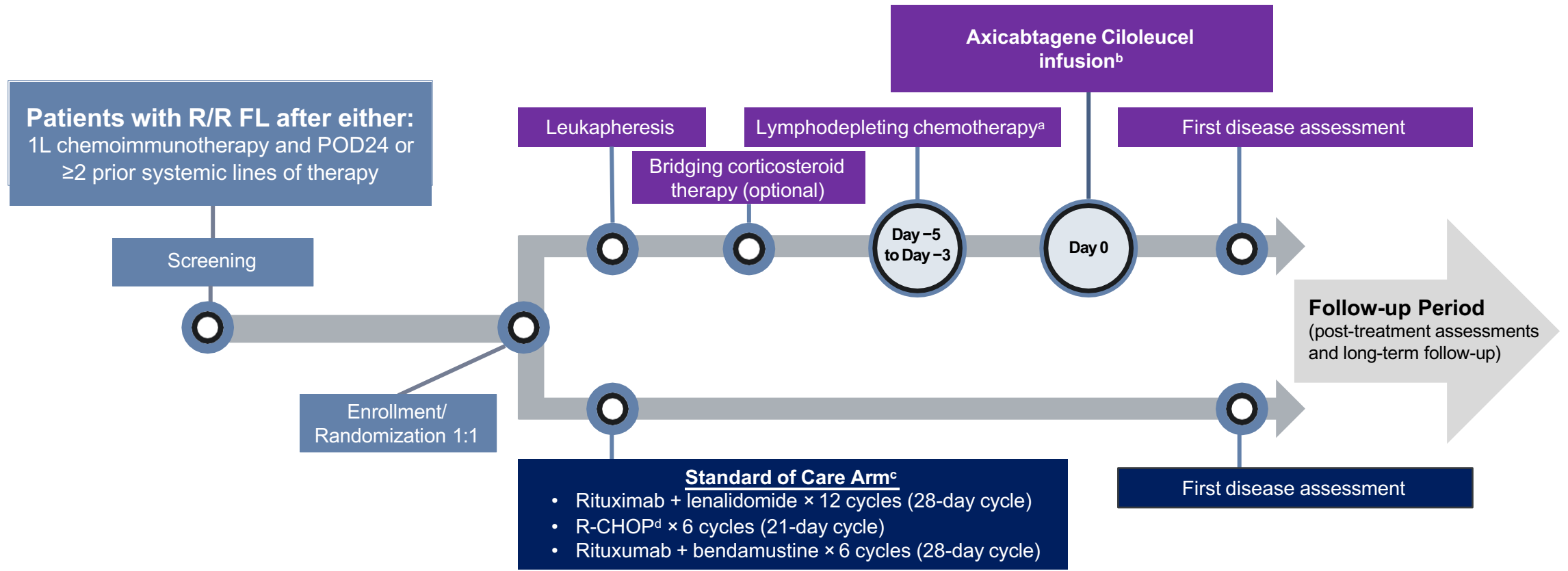
❖ *PROs*

- High CR rate
- One and done
- Prolonged DoCR
- Possibility of Cure?

❖ *CONs*

- Logistics (leukapheresis)
- Hospitalisation/proximity
- CRS/ICANS/Cytopenia
- Long-term Ig supplementation
- Long-term risks (MDS)?

ZUMA-22 Study Design and Treatment Schema



<p>Primary Endpoint</p> <ul style="list-style-type: none"> • Progression-free survival 	<p>Key Secondary Endpoint</p> <ul style="list-style-type: none"> • Complete response rate 	<p>Secondary Endpoints</p> <ul style="list-style-type: none"> • Overall response rate • Duration of response • Duration of complete response • Overall survival 	<ul style="list-style-type: none"> • Event-free survival • Time to next treatment • Patient-reported outcomes/Quality of life • Safety
--	---	--	--

a: Fludarabine 30 mg/m² IV & cyclophosphamide 500 mg/m² IV on Days -5, -4, and -3. b: Single IV infusion of 2×10⁶ CAR T-cells/kg on Day 0. c: SOC therapy should start between 2 and 9 days after randomization. d: The R-CHOP regimen may include a prednisone-equivalent dose of any corticosteroids per institutional guidelines.

ZUMA-22: Patient Eligibility

Key Inclusion Criteria^{1,2}



- Histologically-confirmed FL (Grade 1, 2, or 3a)
- R/R disease after
 - First-line chemoimmunotherapy and high-risk disease with relapse or progression within 24 months of the initial course of chemoimmunotherapy (ie, POD24)
 - ≥2 prior systemic lines of therapy
- Clinical indication for treatment
- At least 1 measurable lesion per the Lugano Classification
- Adequate renal, hepatic, pulmonary, and cardiac function
- ECOG PS of 0 or 1
- 18 years and older

Key Exclusion Criteria



- Transformed FL¹
- FL Grade 3b¹
- Prior treatment with:¹
 - CD19-targeted therapy
 - CAR T-cell therapy
 - Other genetically modified T-cell therapy
- Uncontrolled fungal, bacterial, viral, or other infection¹
- Active infection with HIV, HBV or HCV^{1,2}
 - Note: Patients who are HIV-positive are eligible if taking appropriate anti-HIV medications, having an undetectable viral load by quantitative PCR, and a CD4 count >200 cell/ μ L
 - Note: Patients with a positive history of HBV or HCV are eligible to enroll with an undetectable viral load
 - If seropositive for HBV,^a patients are eligible if HBsAg negative
- History or presence of a CNS disorder; known history or presence of CNS lymphoma involvement¹
- History of :^{1,2}
 - Clinically significant cardiac disease ≤6 months of randomization
 - Autoimmune disease resulting in or requiring systemic immunosuppression and/or systemic disease-modifying agents within the last 2 years

^aHepatitis B surface antibody and/or hepatitis B core antibody positive.

clinicaltrials.gov/ct2/show/NCT05371093. Accessed 3 April 2023 2. Data on file. Kite Pharma Inc., 2022

A Phase III Trial Comparing Tisagenlecleucel to Standard of Care (SoC) in Adult Patients with Relapsed/Refractory Follicular Lymphoma (LEDA)

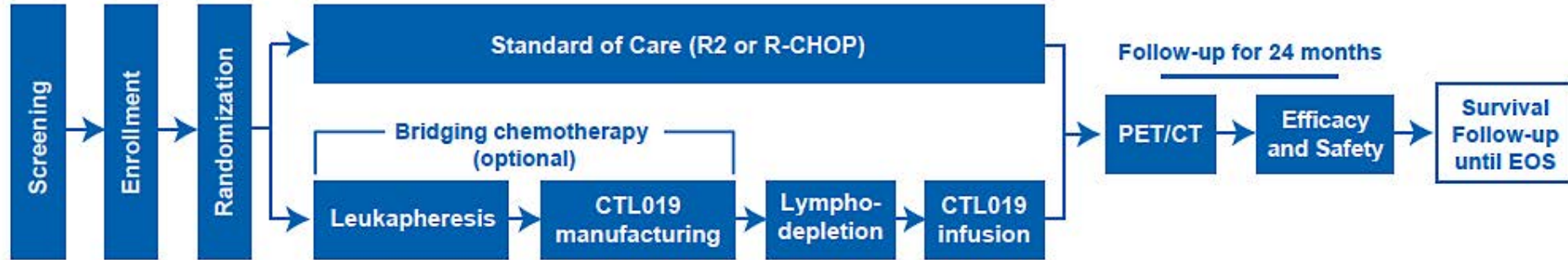
NCT05888493¹

A Phase III, open-label, multicenter, randomized study comparing tisagenlecleucel to standard of care in adult patients with relapsed/refractory follicular lymphoma¹

Key Inclusion Criteria¹:

- Aged ≥ 18 years
- Confirmed grade 1, 2, or 3A FL per histological assessment
- Relapsed or refractory FL having received ≥ 2 lines of systemic therapy, including anti-CD20 antibody and an alkylating agent
- Disease activity per PET (Deauville score 4-5) and CT scan
- Must meet institutional criteria to undergo leukapheresis or have historical leukapheresis
- Must be eligible for treatment with SoC regimen
- No prior treatment with anti-CD19 therapy, gene therapy, or adoptive T-cell therapy
- No investigational medicinal product used within the last 30 days or 5 half-lives (whichever is longer) prior to randomization

Study Design²: N = 108



^aCTL019 is a CD19-specific CAR-T cell that is modified via lentiviral transduction.

Primary Endpoints¹

- PFS as assessed by Blinded Independent Review Committee

Secondary Endpoints¹

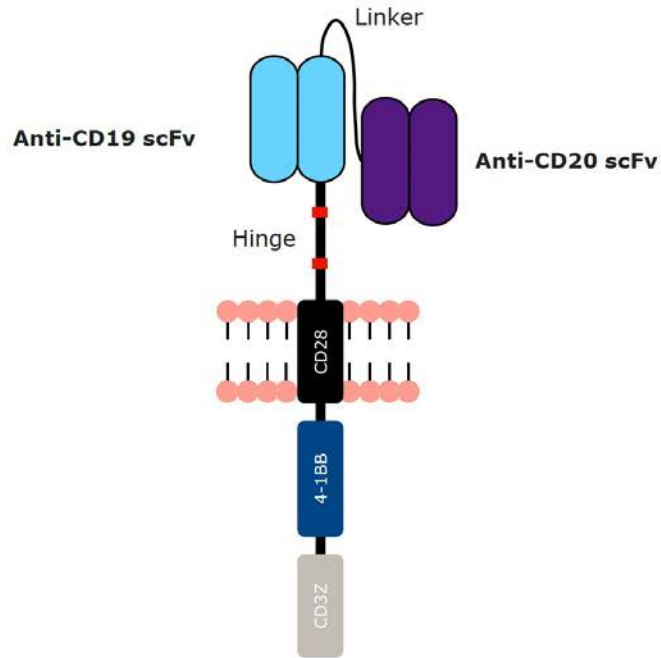
- CRR/ORR as assessed by Blinded Independent Review Committee
- Time to next anti-lymphoma treatment
- OS
- DOR
- Humoral immunogenicity
- Cellular immunogenicity
- CAR transgene levels
- Replication competent lentivirus (tisagenlecleucel)

Are dual CD19/CD20 CAR T-cells better than CD19 CAR T?

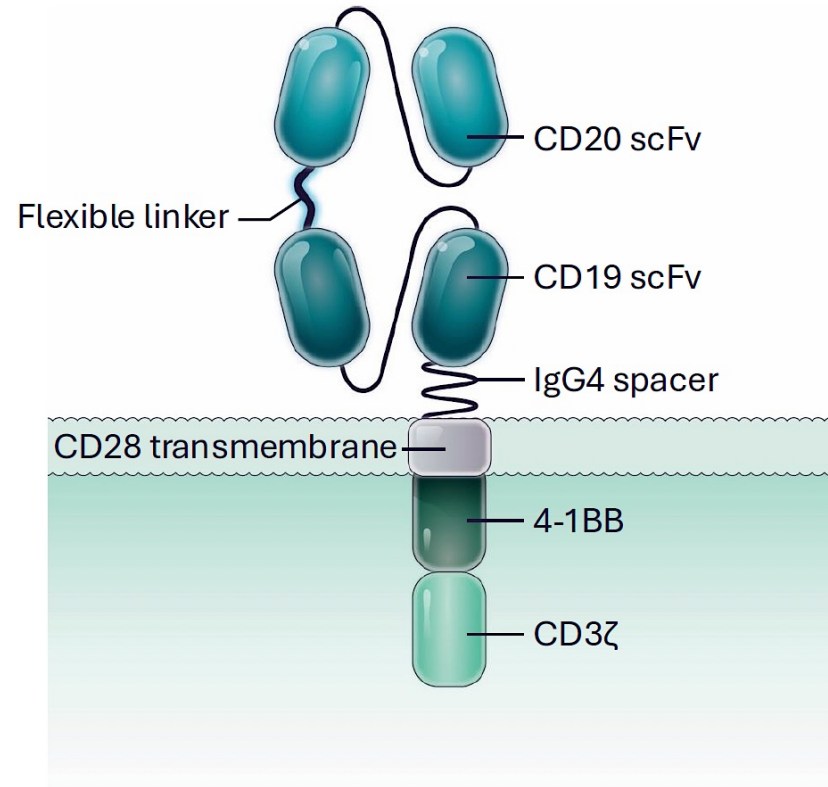
JNJ-90014496

(prizloncabtogene autoleucel; prizlon-cel)

- Bispecific CD19/CD20 antigen target with 4-1BB costimulatory domain
- CD28 transmembrane domain



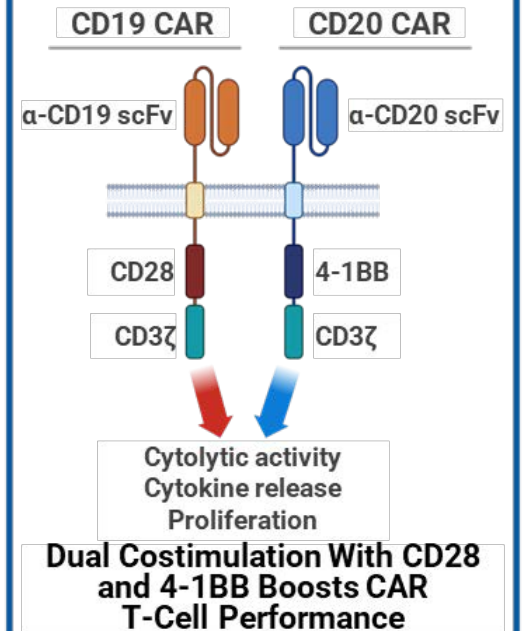
Ronde-cel



KITE-363

Smart Targeting With Synergistic Signaling

Independently Targets CD19 and CD20



Keynote Session: Diffuse Large B-Cell Lymphoma and Follicular Lymphoma

Part 1 - Diffuse Large B-Cell Lymphoma:

Antibody-Drug Conjugates and Other Novel Strategies in the Management of DLBCL — Prof Salles

Current and Future Role of Monoclonal and Bispecific Antibodies in the Management of DLBCL — Dr Patel

Chimeric Antigen Receptor (CAR) T-Cell Therapy for DLBCL — Dr Kamdar

Part 2 – Follicular Lymphoma:

CAR T-Cell Therapy for FL — Prof Salles

Other Approved and Emerging Novel Therapies for FL — Dr Patel

Integrating Bispecific Antibodies into the Management of FL — Dr Kamdar

Other Approved and Emerging Novel Therapies for FL

Krish Patel, MD

Director, Lymphoma Research

April 24th, 2026

SCRI

Sarah Cannon
Research Institute

Disclosures

Advisory Committees (All Paid to Institution)	AbbVie Inc, AstraZeneca Pharmaceuticals LP, Bristol Myers Squibb, Genentech, a member of the Roche Group, Janssen Biotech Inc, Loxo Oncology Inc, a wholly owned subsidiary of Eli Lilly & Company, Lyell, Merck
Consulting Agreements (All Paid to Institution)	AbbVie Inc, Adaptive Biotechnologies Corporation, AstraZeneca Pharmaceuticals LP, Bristol Myers Squibb, Genentech, a member of the Roche Group, Janssen Biotech Inc, Loxo Oncology Inc, a wholly owned subsidiary of Eli Lilly & Company, Lyell, Merck, Pfizer Inc, Sanofi
Contracted Research (All Paid to Institution)	AbbVie Inc, AstraZeneca Pharmaceuticals LP, Bristol Myers Squibb, Genentech, a member of the Roche Group, Immunome, Janssen Biotech Inc, Loxo Oncology Inc, a wholly owned subsidiary of Eli Lilly & Company, Lyell, Merck

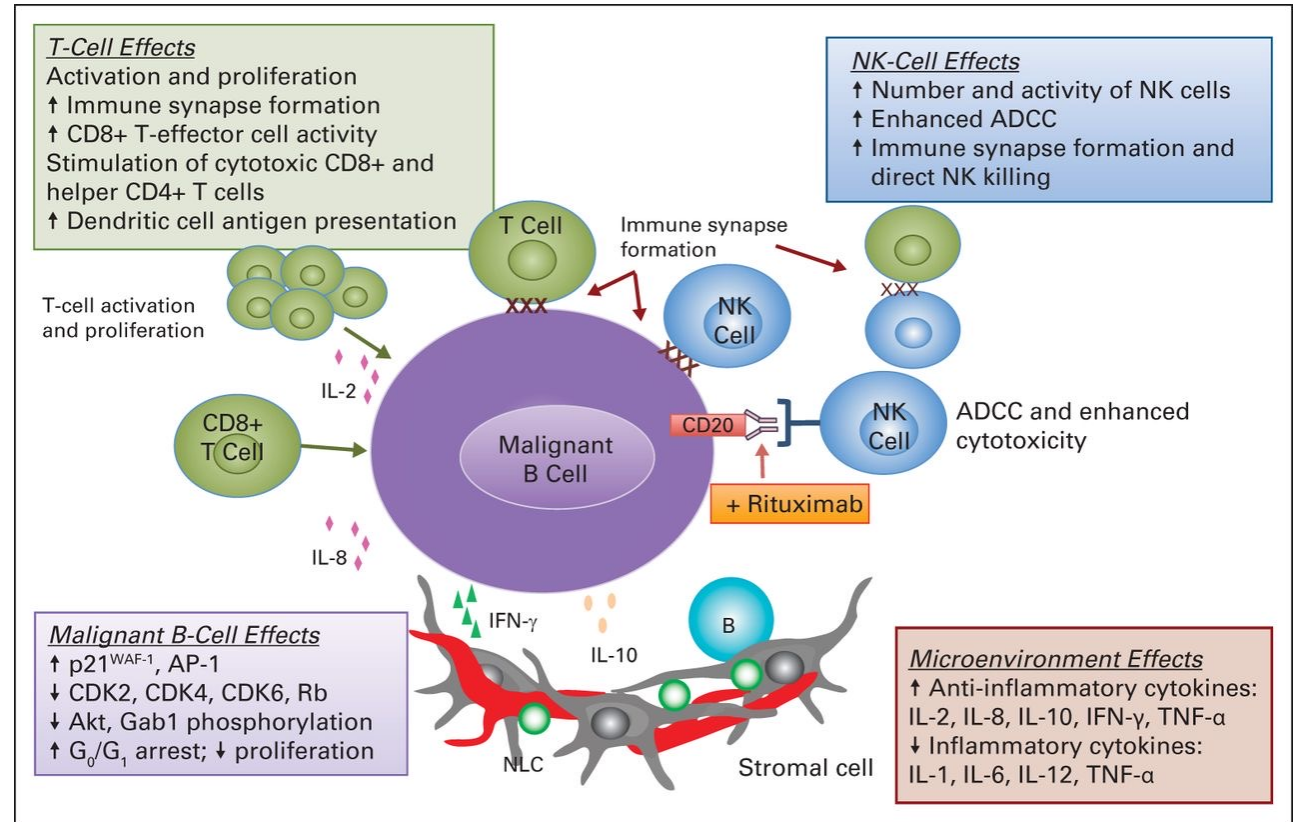
Lenalidomide in R/R Follicular lymphoma

5 yr AUGMENT OS 83%

Median PFS 27.6 mths

Len may

- ↑ T-cell # and activity
- ↑ NK cell # and activity
- Directly kill B-cells



R/R Follicular Lymphoma: My approach 2026

R/R Follicular Lymphoma (Grade 1–3A)

Assess: prior lines, fitness, duration of initial response

2nd Line

Bispecific Antibody (PREFERRED)
Epcoritamab+R2 (FDA approved Nov 2025)

Alternative: Tafa - R2 | R-bendamustine | Obinutuzumab+chemo

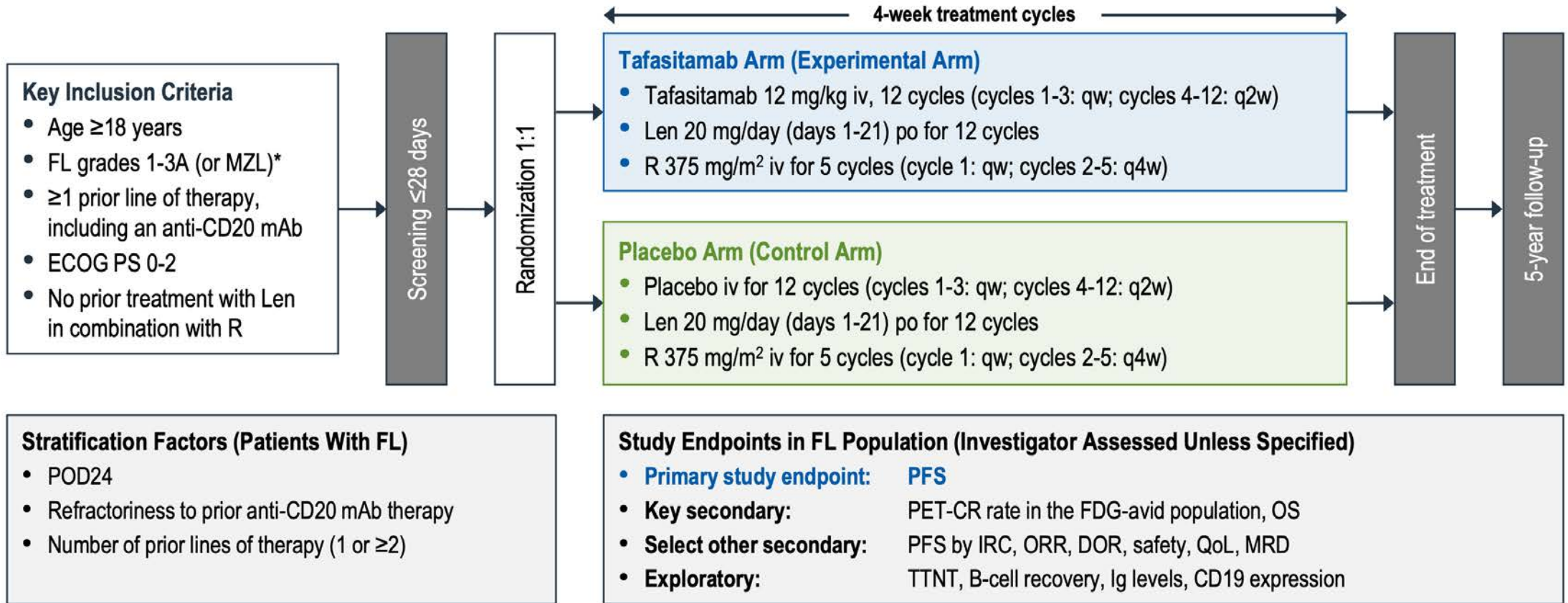
3rd Line+

Bispecific Ab (if not prior)
CAR-T (axi-cel, liso-cel, tisacel)

Alternative: Zanubrutinib + Obinutuzumab (3L+)

Consider clinical trial at all lines of therapy

Follicular Lymphoma: INMIND Ph 3 RCT



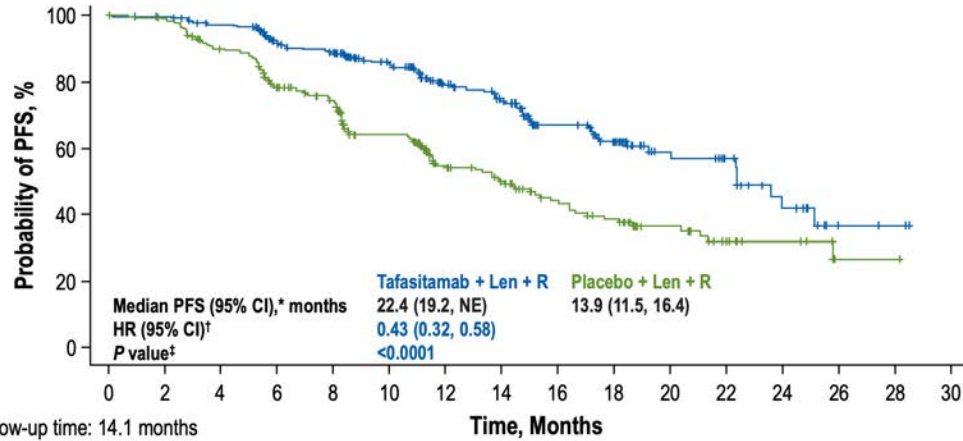
- Powered to assess PFS in the FL population, triggered when 174 investigator-assessed events occurred
- OS analysis planned after 5 years of follow-up

INMIND: Patient Characteristics

Variable	Tafasitamab + Len + R (n=273)	Placebo + Len + R (n=275)	Total (N=548)
Median age, years (range)	64.0 (36, 88)	64.0 (31, 85)	64.0 (31, 88)
≥75, n (%)	54 (19.8)	54 (19.6)	108 (19.7)
Male sex, n (%)	150 (54.9)	149 (54.2)	299 (54.6)
Median time since initial diagnosis of FL, years (range)	5.2 (0, 34)	5.5 (1, 33)	5.3 (0, 34)
ECOG PS at screening, n (%)			
0	181 (66.3)	192 (69.8)	373 (68.1)
1-2	92 (33.7)	83 (30.2)	175 (31.9)
Ann Arbor stage, n (%)			
I or II	52 (19.0)	50 (18.2)	102 (18.6)
III or IV	221 (81.0)	225 (81.8)	446 (81.4)
FL grade, n (%)			
1 or 2	203 (74.4)	203 (73.8)	406 (74.1)
3A	67 (24.5)	71 (25.8)	138 (25.2)
B symptoms, n (%)	63 (23.1)	67 (24.4)	130 (23.7)
FLIPI score, n (%)			
0-1	57 (20.9)	57 (20.7)	114 (20.8)
2	79 (28.9)	67 (24.4)	146 (26.6)
3-5	137 (50.2)	150 (54.5)	287 (52.4)
GELF criteria, n (%)	222 (81.3)	232 (84.4)	454 (82.8)
FL diagnosis confirmed by central pathology, n (%)	256 (93.8)	259 (90.5)	505 (92.2)

~30% POD24 in both arms. ~40% Rituximab refractory

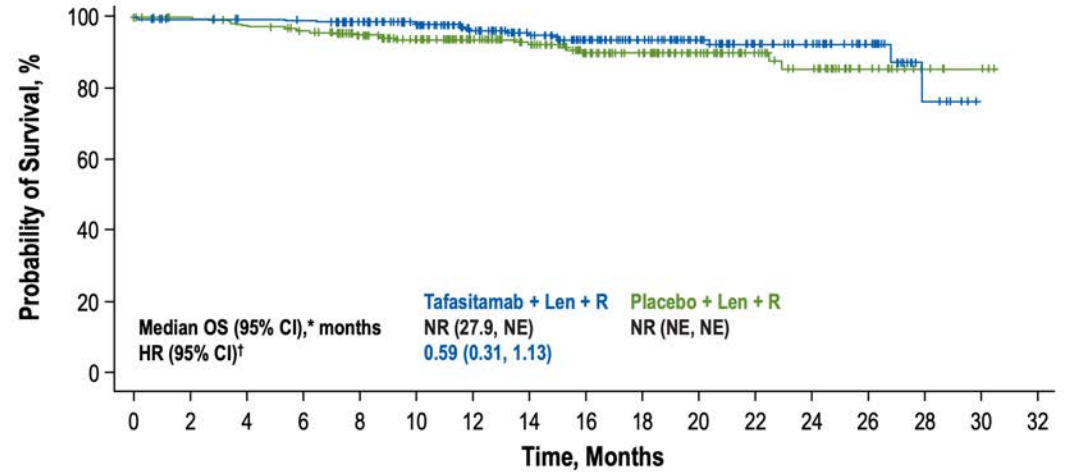
INMIND: PFS & OS



Median follow-up time: 14.1 months

No. at Risk

	0	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30
Tafasitamab + Len + R	273	261	250	212	200	164	119	103	71	57	30	22	12	3	2	0
Placebo + Len + R	275	265	235	192	173	126	82	70	48	40	26	16	10	2	2	0



No. at Risk

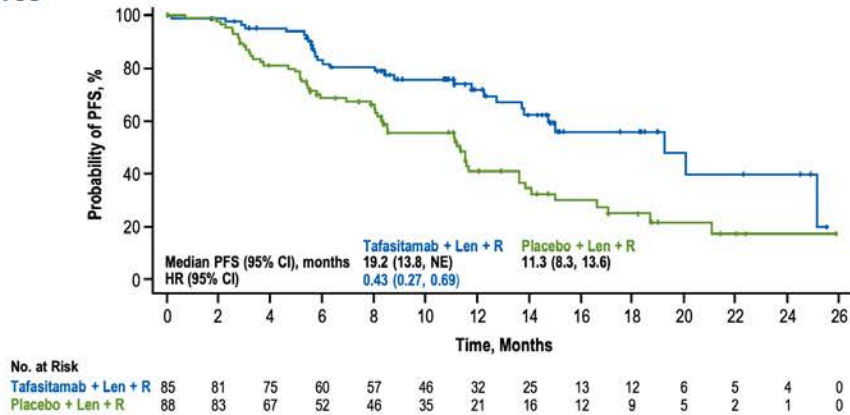
	0	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32
Tafasitamab + Len + R	273	266	263	261	240	216	178	149	124	103	80	53	42	26	7	0	0
Placebo + Len + R	275	268	260	252	230	203	164	138	108	90	66	46	34	15	6	3	0

Median PFS 22.4 mths Tafa-R² vs 13.9 mths Placebo-R²

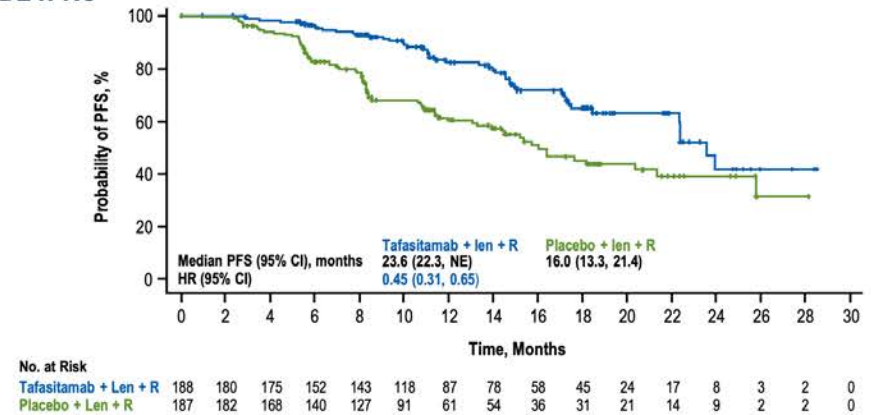
Median OS NR Tafa-R² vs NR Placebo-R²

INMIND: PFS in POD24 and CD20 refractory

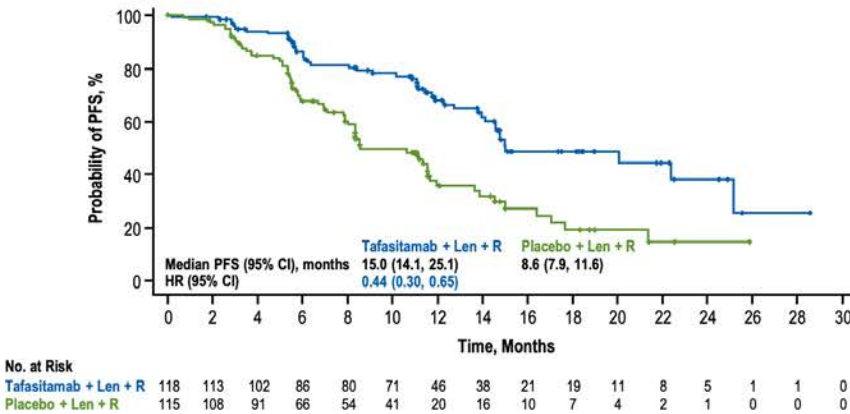
POD24: Yes



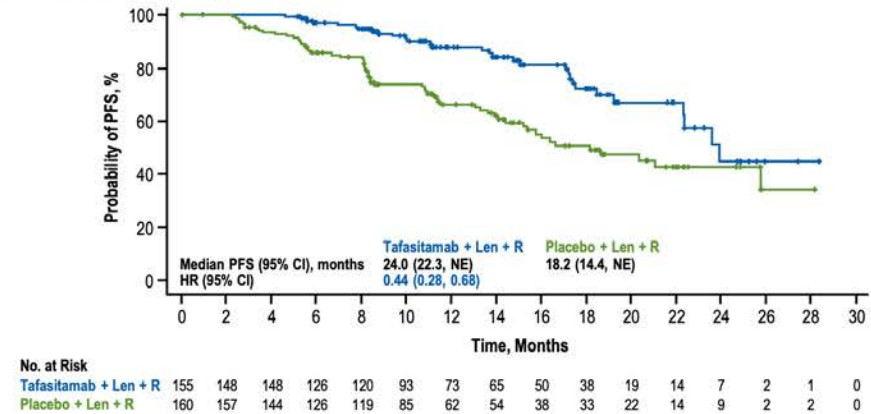
POD24: No



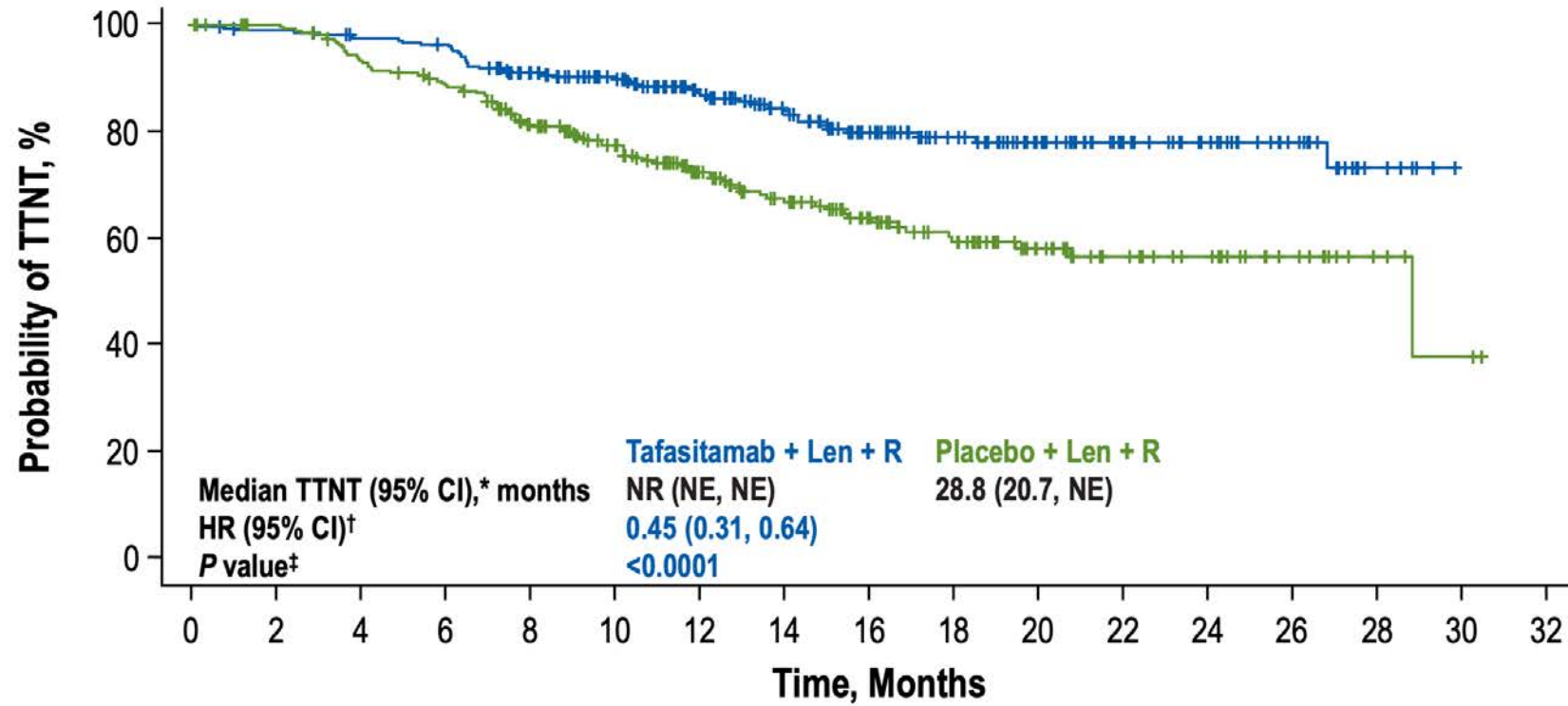
Anti-CD20 Refractory: Yes



Anti-CD20 Refractory: No



INMIND: Time to Next Treatment



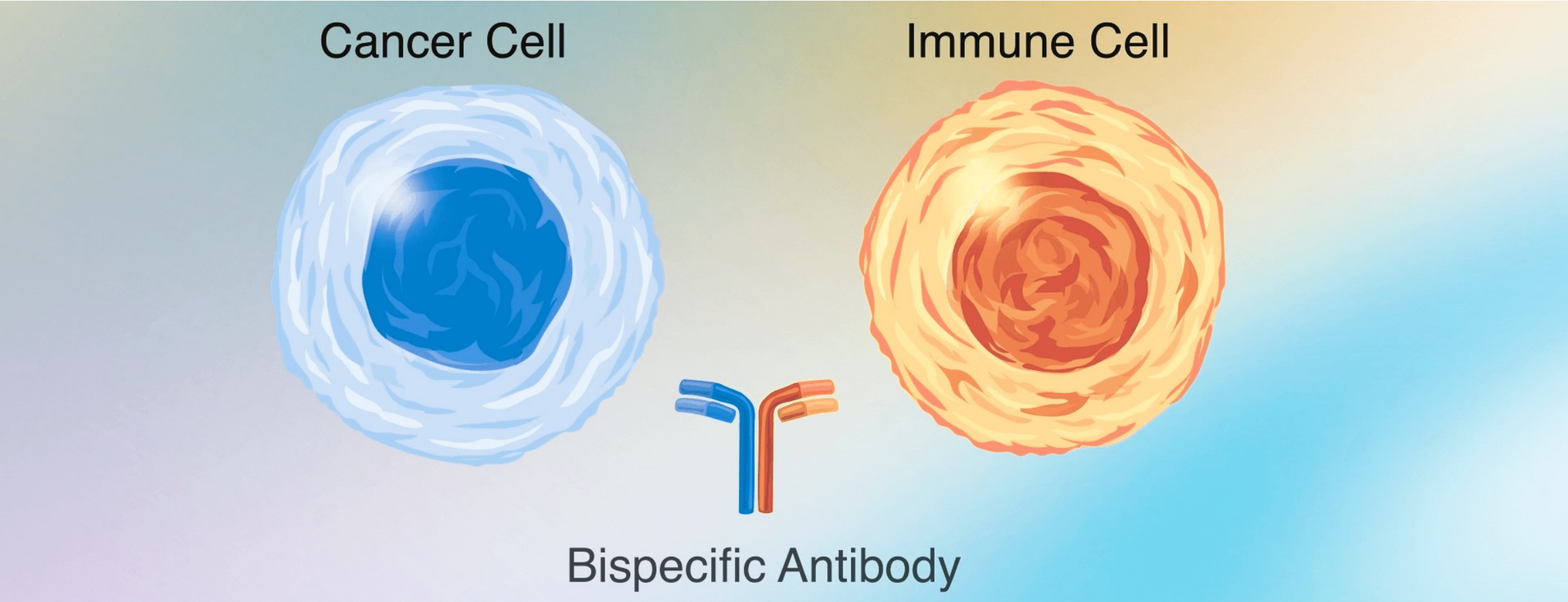
No. at Risk

Tafasitamab + Len + R	273	268	261	257	224	199	162	132	105	88	67	43	34	22	7	0	0
Placebo + Len + R	275	268	248	233	199	166	124	101	78	62	43	30	23	13	5	2	0

INMIND: Adverse Events

Preferred Term, n (%)	Tafasitamab + Len + R (n=274)*	Placebo + Len + R (n=272)†	Total (n=546)
Any adverse event	272 (99.3)	270 (99.3)	542 (99.3)
Neutropenia	133 (48.5)	123 (45.2)	256 (46.9)
Diarrhea	103 (37.6)	77 (28.3)	180 (33.0)
COVID-19	86 (31.4)	64 (23.5)	150 (27.5)
Constipation	80 (29.2)	67 (24.6)	147 (26.9)
Rash	60 (21.9)	58 (21.3)	118 (21.6)
Fatigue	58 (21.2)	43 (15.8)	101 (18.5)
Cough	52 (19.0)	47 (17.3)	99 (18.1)
Pyrexia	52 (19.0)	44 (16.2)	96 (17.6)
Muscle spasms	49 (17.9)	49 (18.0)	98 (17.9)
Nausea	49 (17.9)	38 (14.0)	87 (15.9)
Infusion-related reaction	43 (15.7)	41 (15.1)	84 (15.4)
Thrombocytopenia	37 (13.5)	42 (15.4)	79 (14.5)
Pruritus	44 (16.1)	28 (10.3)	72 (13.2)

What about Bispecific Antibodies?



EPCORE FL-1 Ph3: Epcor-R2 vs R2 in 2L+ FL

Fixed-Duration: 12 Cycles (28-Day Cycles)

Key eligibility criteria

- Histologically confirmed CD20+ FL
- Grade 1-3a, Stage II-IV
- ≥ 1 prior treatment including anti-CD20 mAb plus an alkylating agent
- Met ≥ 1 GELF criterion

Randomization 1:1

Epcoritamab (48 mg) plus R²

- **Epcoritamab** (3-SUD cycle 1: QW;^{a,b} cycles 2–3, QW; cycles 4–12, Q4W)
- **Rituximab** (375 mg/m²), 5 cycles (cycle 1, QW; cycles 2–5, Q4W)
- **Lenalidomide** (20 mg), 12 cycles (cycle 1–12, QD, D1-21)

R²

- **Rituximab** (375 mg/m²), 5 cycles (cycle 1, QW; cycles 2–5, Q4W)
- **Lenalidomide** (20 mg), 12 cycles (cycle 1–12, QD, D1-21)

Stratification factors

- Disease status:
 - 2L: > or ≤ 2 years since last therapy
 - 3L+: > or < 6 months since last therapy
- Region: US/EU vs Rest of World

- **Dual primary endpoints: ORR per IRC and PFS per IRC**
- Key secondary endpoints: CR rate per IRC, OS, and MRD^c
- Additional secondary endpoints: DOR, DOCR, TTNLT, safety, and PRO assessments

Data cutoff: May 24, 2025; median follow-up: 14.8 months^d
Enrollment period: October 2022 - January 2025

3 dose SUD (0.16mg, 0.8mg, 3mg)

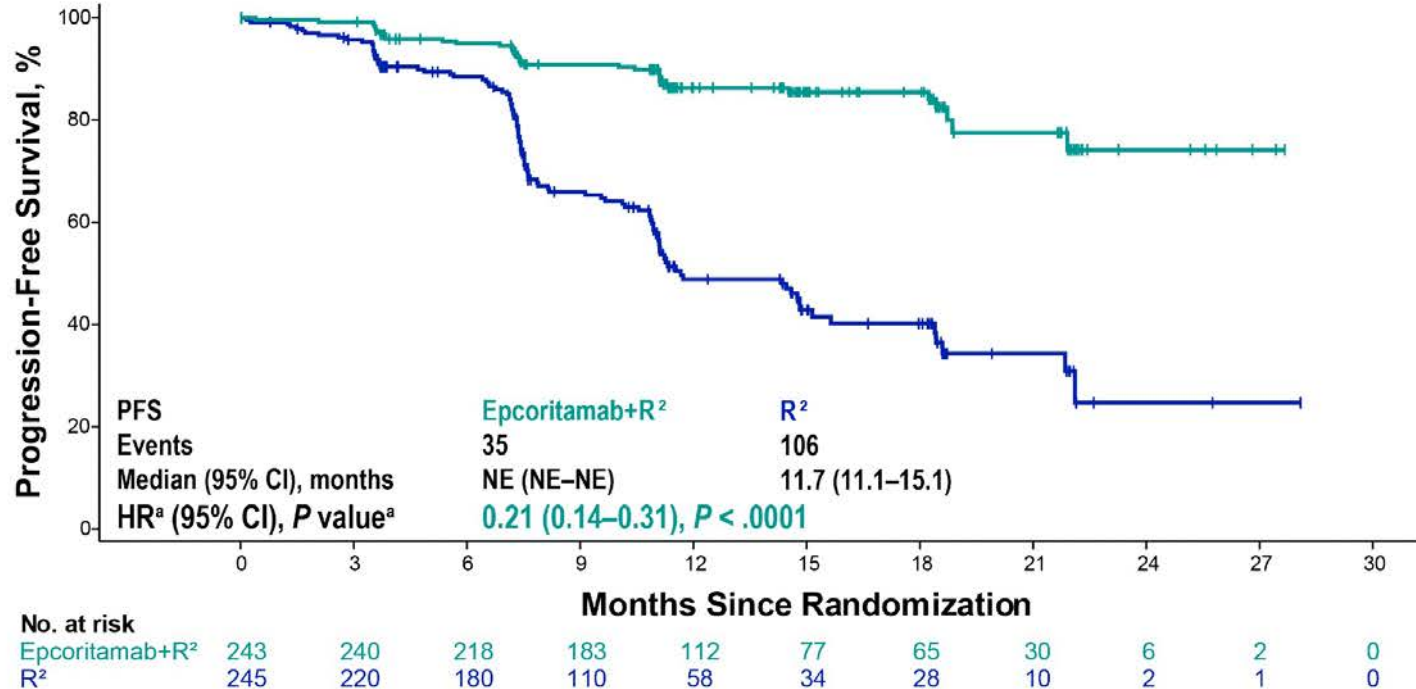
EPCORE FL-1: Patient Characteristics

Characteristic	Epcoritamab+R ² (N = 243)	R ² (N = 245)	Overall (N = 488)
Median age, y (range)	60 (30, 84)	63 (24, 89)	61 (24, 89)
≥ 65, n (%)	88 (36)	106 (43)	194 (40)
Male, n (%)	139 (57)	138 (56)	277 (57)
Race, n (%)			
Asian	63 (26)	54 (22)	117 (24)
Black	6 (2)	2 (< 1)	8 (2)
White	168 (69)	184 (75)	352 (72)
Ethnicity, n (%)			
Hispanic	29 (12)	28 (11)	57 (12)
ECOG, n (%)			
0	166 (68)	170 (69)	336 (69)
1-2	77 (32)	75 (31)	152 (31)
Ann Arbor stage, n (%)			
II	37 (15)	44 (18)	81 (17)
III-IV	206 (85)	201 (82)	407 (83)
FLIPI score, n (%)			
0-1	63 (26)	56 (23)	119 (24)
2	79 (33)	76 (31)	155 (32)
3-5	100 (41)	113 (46)	213 (44)
Bulky disease (≥ 7 cm), n (%)	47 (19)	61 (25)	108 (22)

EPCORE FL-1: Prior Treatments

	Epcoritamab+R ² (N = 243)	R ² (N = 245)	Overall (N = 488)
Median time from initial diagnosis to randomization, years (range)	4.5 (0.2, 30.3)	5.3 (0.1, 43.0)	5.0 (0.1, 43.0)
Number of prior lines of therapy, median (range)	1 (1, 7)	1 (1, 6)	1 (1, 7)
1, n (%)	145 (60)	141 (58)	286 (59)
2, n (%)	58 (24)	61 (25)	119 (24)
≥ 3, n (%)	40 (16)	43 (18)	83 (17)
Prior anti-CD20 antibody, n (%)	243 (100)	245 (100)	488 (100)
Prior anti-CD20 antibody containing chemotherapy, n (%)	239 (98)	240 (98)	479 (98)
Prior bendamustine in last line, n (%)	53 (22)	47 (19)	100 (20)
Prior R ² , n (%)	8 (3)	9 (4)	17 (3)
POD24, ^a n (%)	106 (44)	93 (38)	199 (41)
Refractory to 1L therapy, n (%)	86 (35)	81 (33)	167 (34)
Refractory to anti-CD20 antibody, n (%)	104 (43)	103 (42)	207 (42)
Refractory to last line of therapy, n (%)	84 (35)	82 (33)	166 (34)
Double refractory ^b	91 (37)	91 (37)	182 (37)

EPCORE FL-1: PFS (IRC)

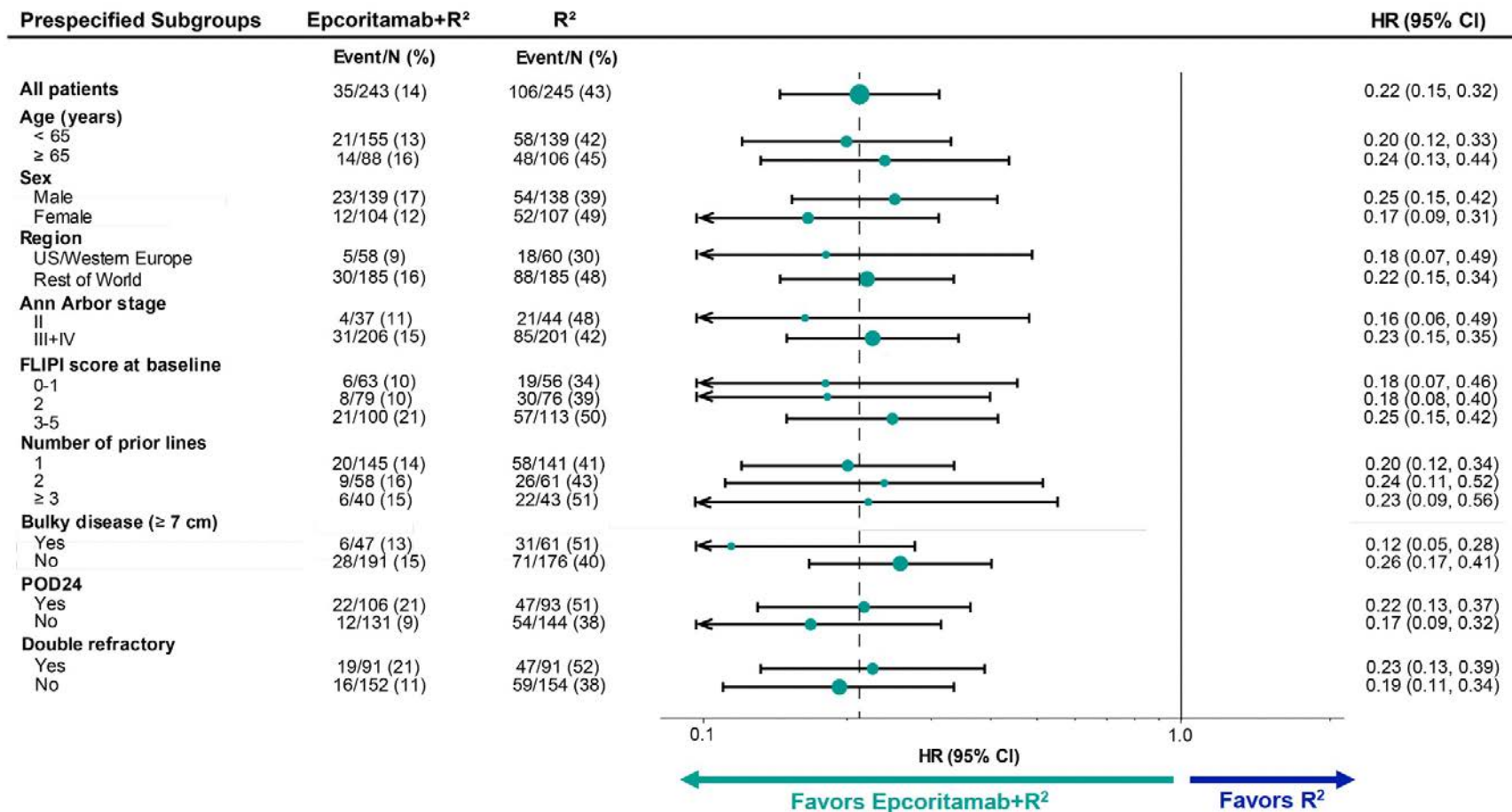


	Epcoritamab+R ² (N = 243)	R ² (N = 245)
ORR, n (%)	231 (95)	194 (79)
CRR, n (%)	201 (83)	122 (50)
PR, n (%)	30 (12)	72 (29)
SD, n (%)	1 (< 1)	17 (7)
PD, n (%)	7 (3)	16 (7)
NE, ^b n (%)	4 (2)	18 (7)

CR rate 33% higher for Epcor-R2

- Concordance rate was 94% for PFS between IRC and investigator assessment
- The estimated 16-month PFS was 85.5% (95% CI: 79.7, 89.7) for epcoritamab+R² and 40.2% (95% CI: 31.8, 48.4) for R²

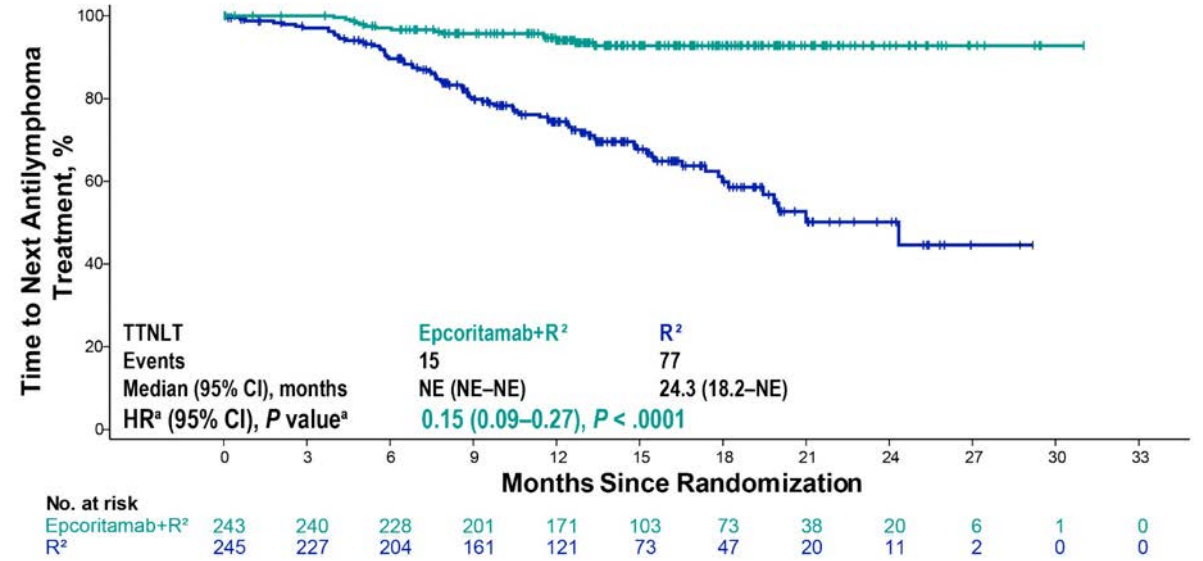
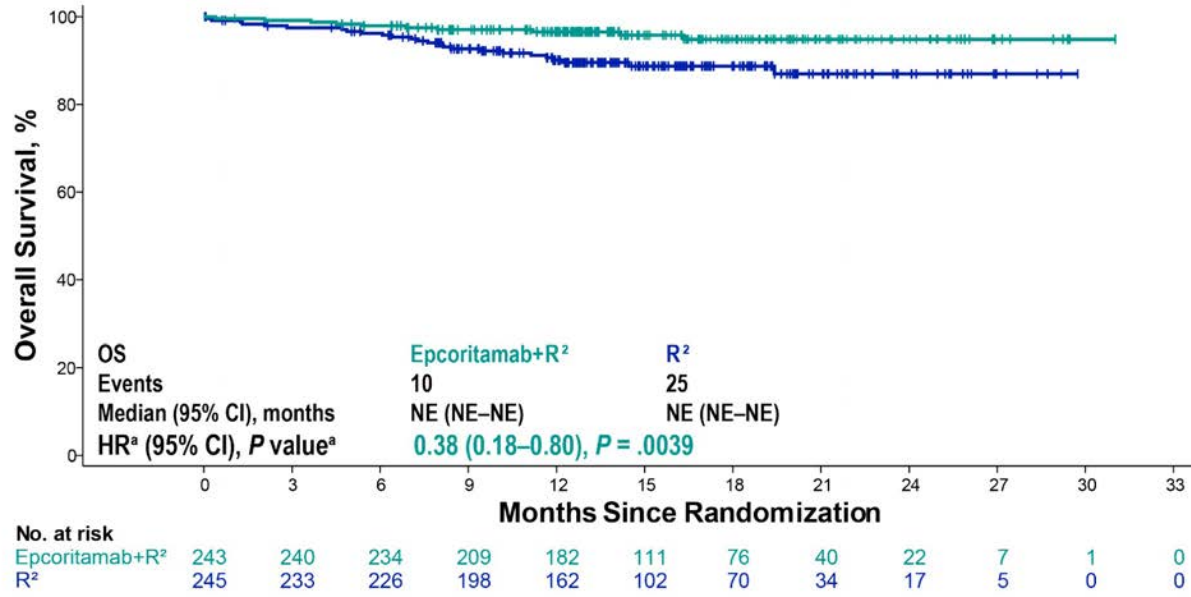
EPCORE FL-1: Prespecified Subgroups (PFS)



Consistent HR in favor of Epcor-R2

Similar consistent HR for CR and DOR

EPCORE FL-1: Overall Survival & TTNT

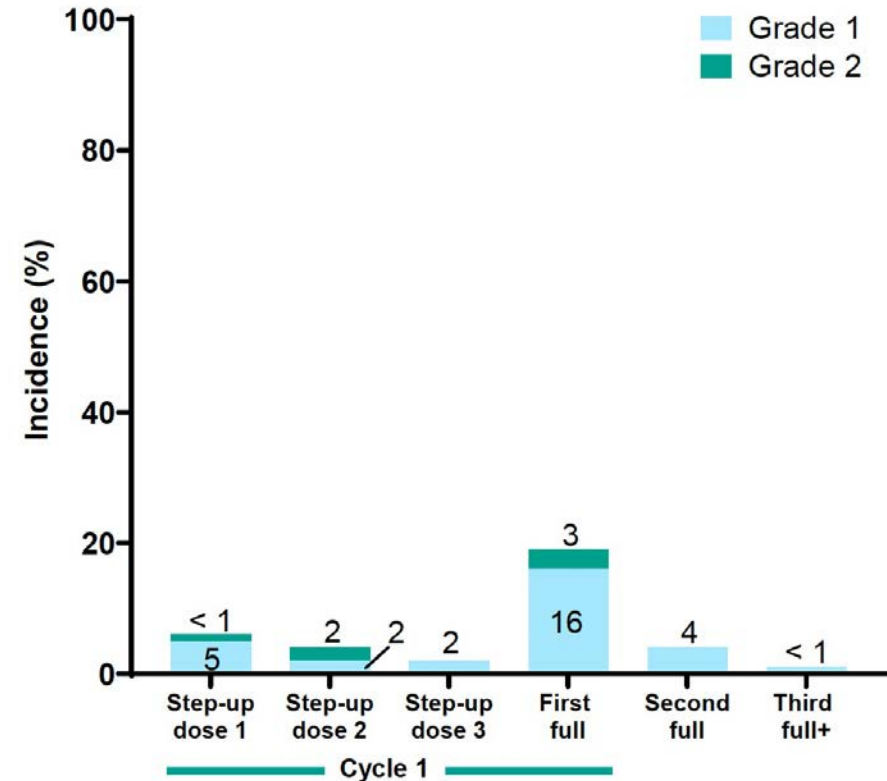


Improvement in OS and TTNT
 At 16 mths 93% free from next treatment vs 64%

EPCORE FL-1: Adverse Events

Adverse Event, n (%)	Epcoritamab+R ² (N = 243)		R ² (N = 238)	
	Any Grade	Grade ≥ 3	Any Grade	Grade ≥ 3
Any adverse event	242 (100)	219 (90)	235 (99)	161 (68)
Serious adverse event	135 (56)	-	69 (29)	-
Adverse event leading to treatment discontinuation	46 (19)	-	29 (12)	-
<i>Epcoritamab</i>	21 (9)	-	-	-
<i>Rituximab</i>	7 (3)	-	12 (5)	-
<i>Lenalidomide</i>	45 (19)	-	29 (12)	-
Adverse event of clinical interest > 20% ^{a,b}				
Infections ^c	188 (77)	81 (33)	125 (53)	37 (16)
Neutropenia	180 (74)	167 (69)	123 (52)	100 (42)
Cytokine release syndrome	85 (35)	-	1 (< 1)	-
Anemia	68 (28)	19 (8)	41 (17)	11 (5)
Thrombocytopenia	67 (28)	23 (9)	44 (18)	15 (6)
Pyrexia	58 (24)	1 (< 1)	33 (14)	3 (1)
Rash	58 (24)	19 (8)	53 (22)	9 (4)
COVID-19	54 (22)	7 (3)	32 (13)	4 (2)

3-SUD: CRS Events by Dosing Period



Febrile Neutropenia Epcor-R² 6% vs R² 2%

CRS 26% (21% Gr1, 5% Gr2)

Mosunetuzumab + Lenalidomide: CELESTIMO ARM C (ASH 2025)

Overall Response Rate

96.3%

52/54 patients

Complete Response

87.0%

US cohort (N=54)

Setting

2L+ R/R FL

CELESTIMO Phase 3

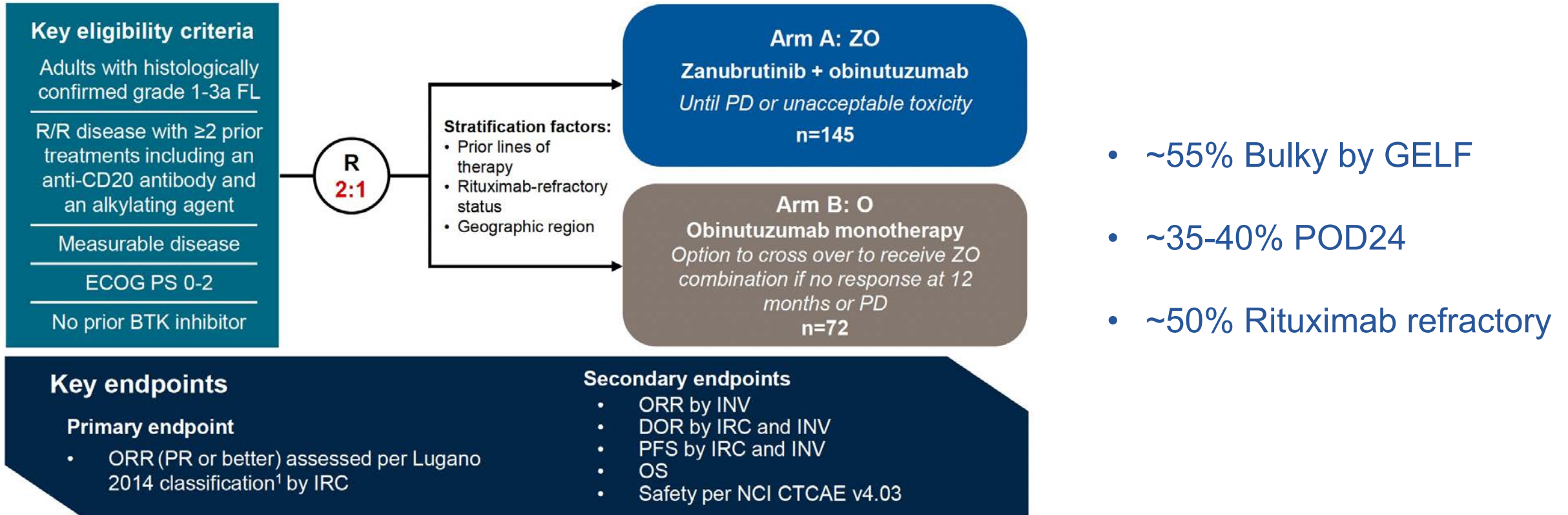
Efficacy

- Mosunetuzumab+lenalidomide (fixed-duration)
- US extension cohort: ORR 96.3%, CR 87.0%
- Deep responses: 52/54 patients responded
- Full primary analysis anticipated 2026
- IV mosunetuzumab × 8 cycles (fixed-duration)

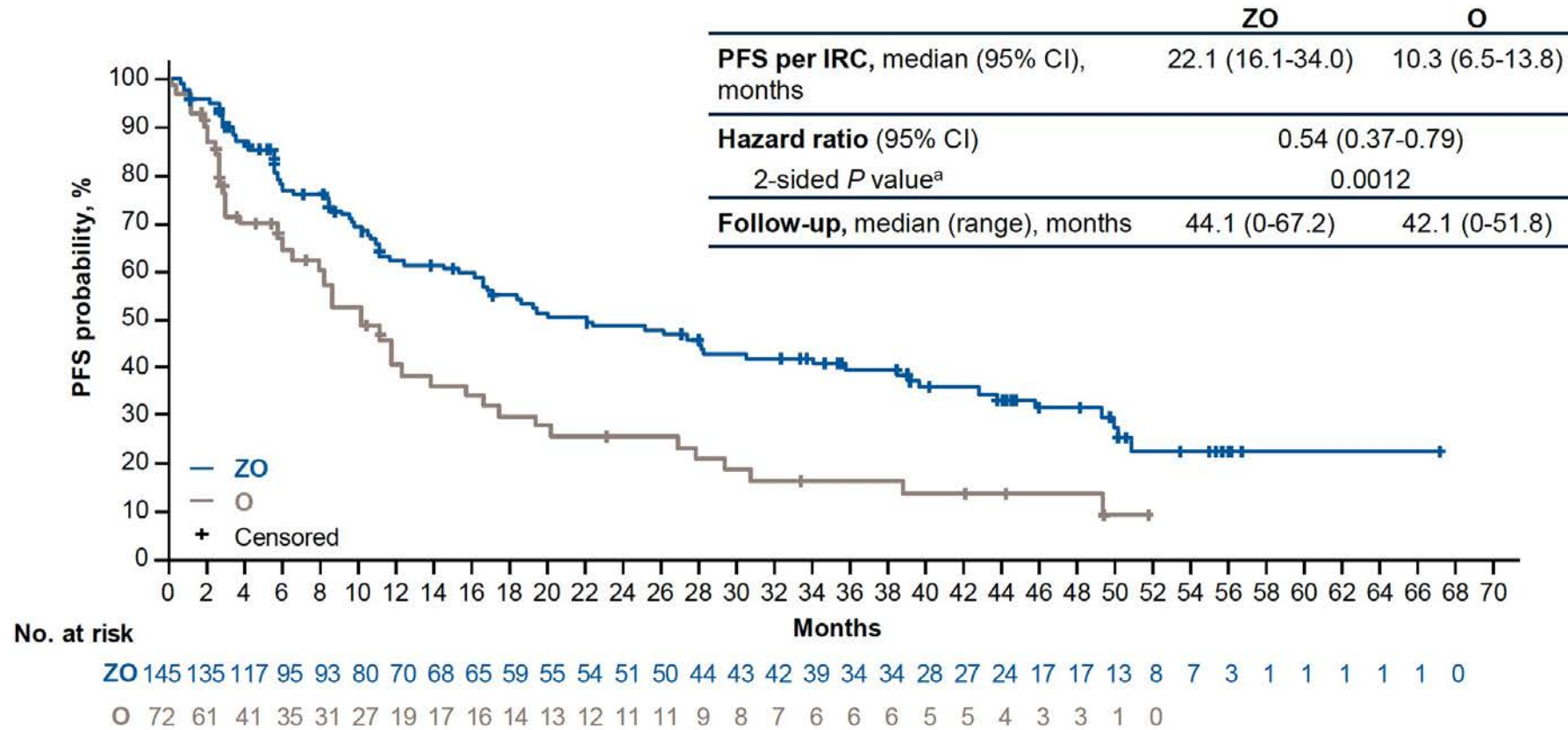
Safety Profile

- CRS: 27.8% (Gr1: 22.2% | Gr2: 3.7% | Gr3: 1.9%)
- No grade 3–4 CRS in US cohort
- Neutropenia grade ≥3: 35.2%
- Infections: 57.4% (grade ≥3: 11.1%)
- No treatment-related deaths

Obinutuzumab + Zanubrutinib: Rosewood Ph2 Trial

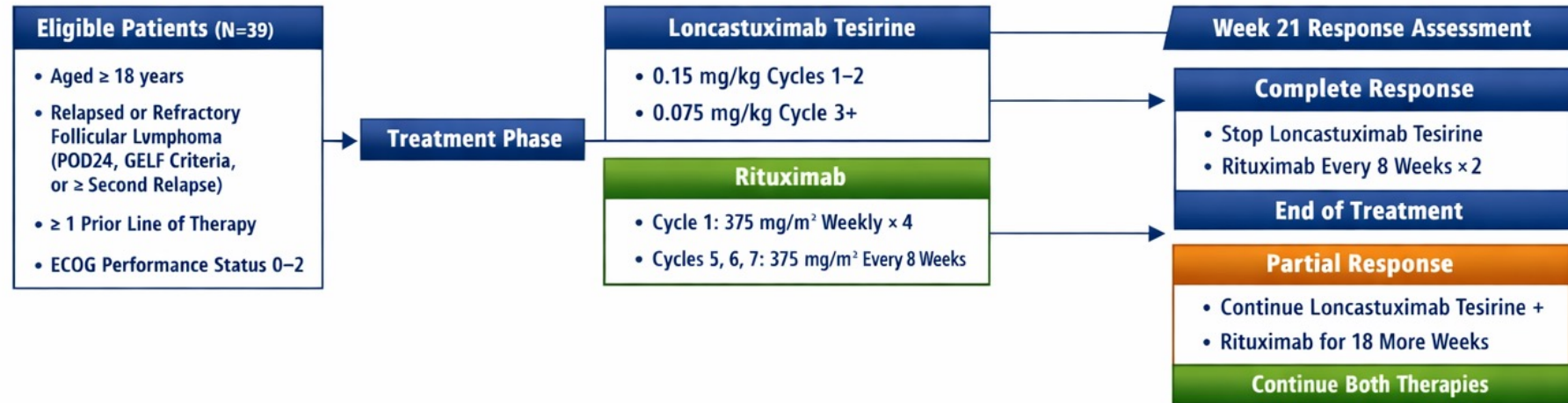


Obinutuzumab + Zanubrutinib: PFS



Toxicity consistent with known tox of Zanu

Loncastuximab Tesirine + Rituximab



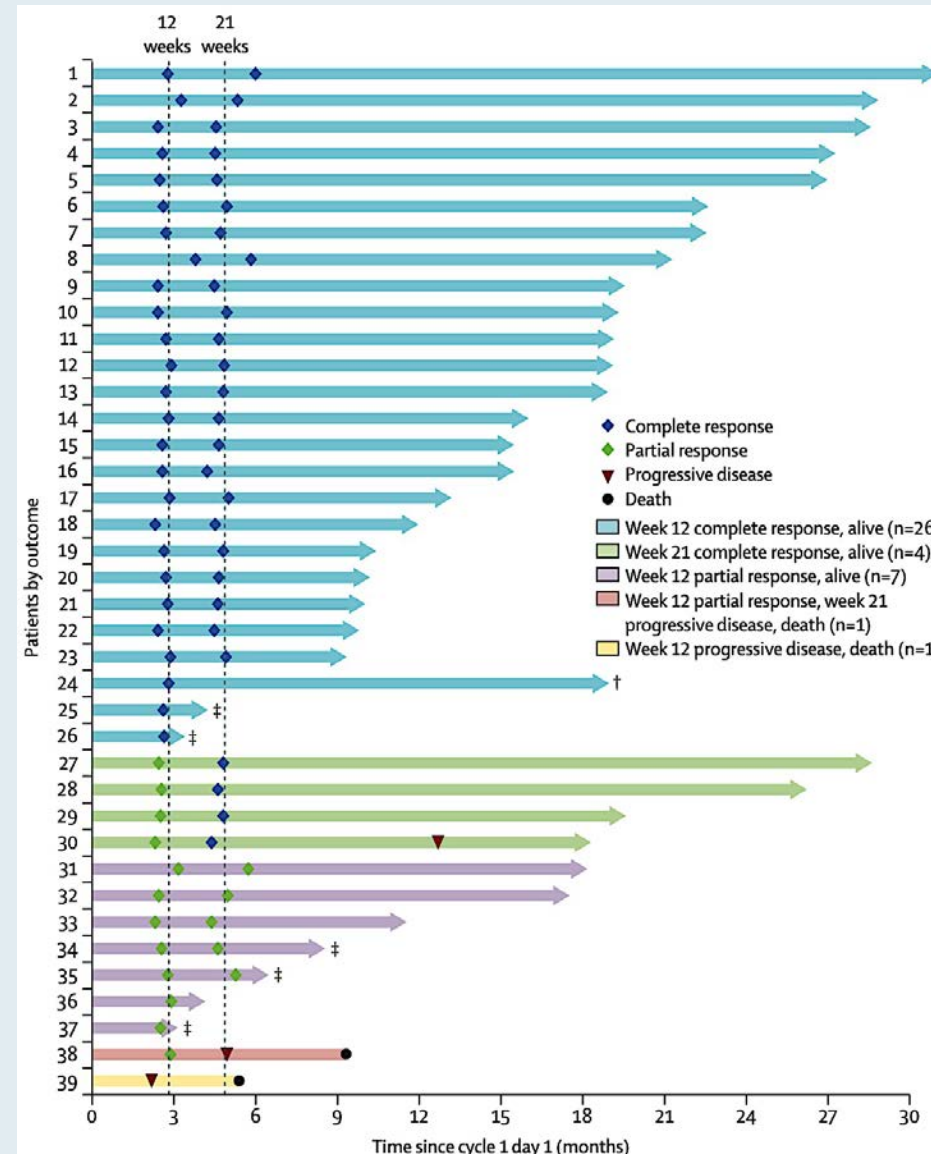
Median f/u 18.2 mths
1^o Endpoint Week 12 CR (4 cycles)

Week 12 CR 67% (ORR 97%)
12 mth PFS 94.6%

Adverse Events consistent with component therapies

NCCN Category 2B listed for 3L+ FL

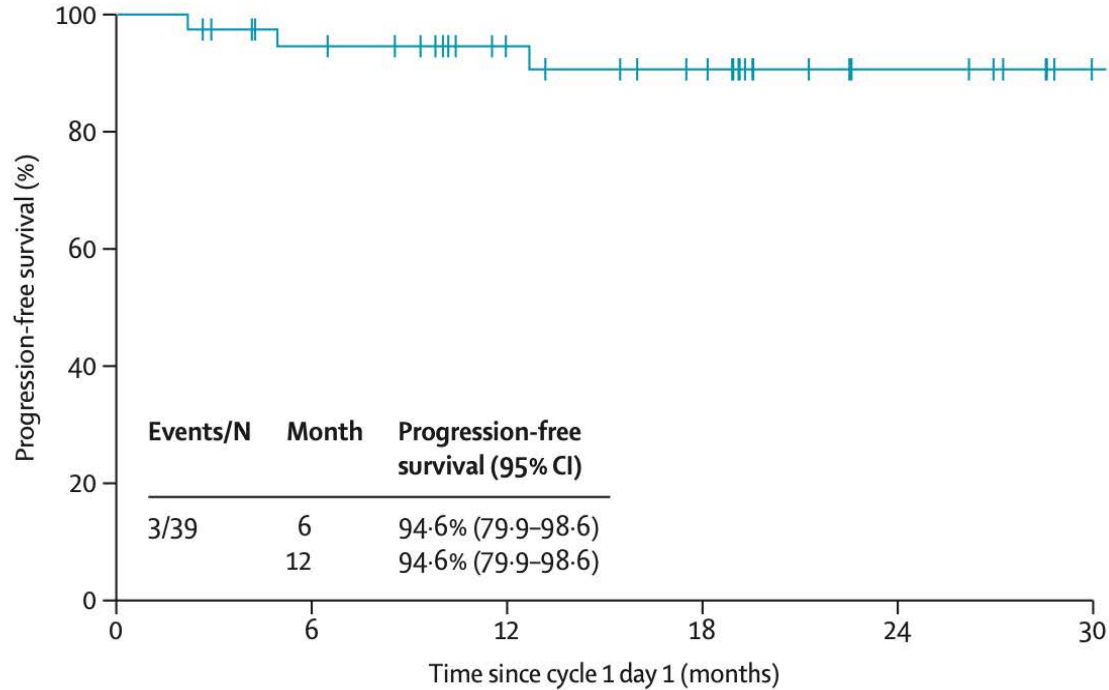
Phase II Trial of Loncastuximab Tesirine with Rituximab: Responses



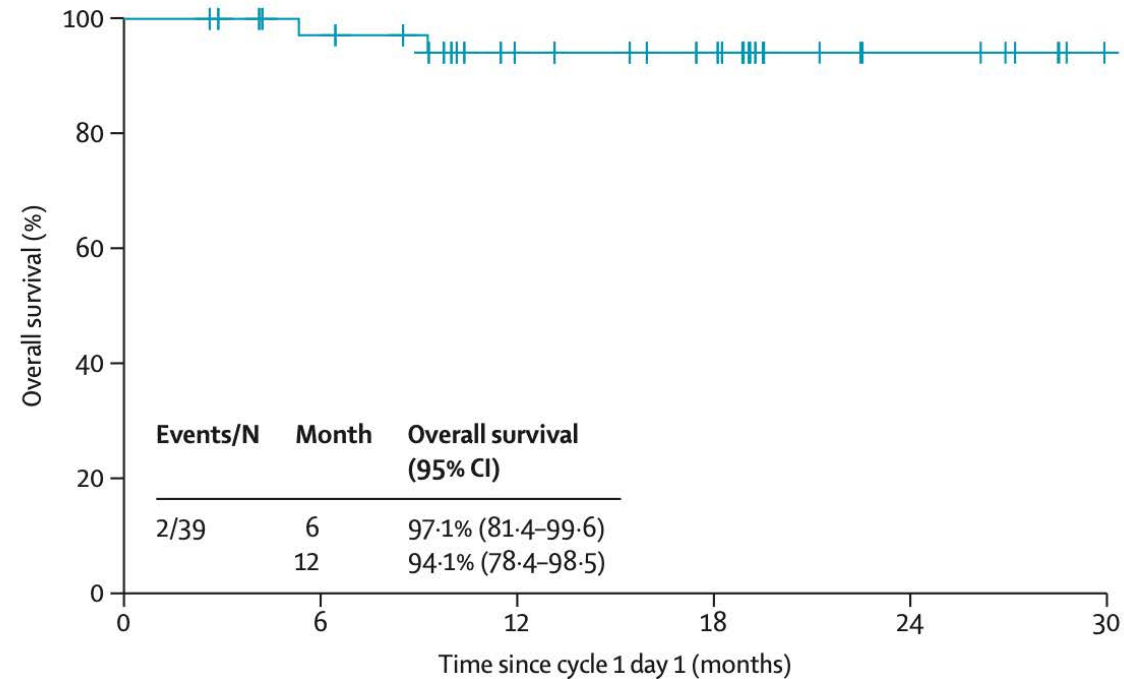
Week 12 complete response 67%
(Overall response rate 97%)

Phase II Trial of Loncastuximab Tesirine with Rituximab: Survival

Progression-free survival



Overall survival



Phase II Trial of Loncastuximab Tesirine with Rituximab: Common Treatment-Emergent Adverse Events (TEAEs) (Safety Population, n = 39)

	Grade 1-2	Grade 3	Grade 4
Patients with any TEAEs	37 (95%)	18 (46%)	5 (13%)
Haematological TEAEs			
Neutropenia	10 (26%)	4 (10%)	1 (3%)
Anaemia	14 (36%)	0	0
Lymphopenia	5 (13%)	5 (13%)	3 (8%)
Platelet count decreased	9 (23%)	0	0
Leukopenia	2 (5%)	1 (3%)	0
Febrile neutropenia	0	1 (3%)	0
Non-haematological TEAEs			
Hyperglycaemia	16 (41%)	1 (3%)	0
Alkaline phosphatase increased	16 (41%)	0	0
Alanine aminotransferase increased	14 (36%)	1 (3%)	0
Aspartate aminotransferase increased	15 (38%)	0	0
Fatigue	15 (38%)	0	0
Rash maculopapular	14 (36%)	0	0
Creatinine increased	8 (21%)	0	0
Hyponatraemia	7 (18%)	0	0
Cough	7 (18%)	0	0
Diarrhoea	6 (15%)	0	0

Golcadomide + Rituximab in R/R Follicular Lymphoma

Efficacy Data

97% ORR

0.4 mg dose day 1-14 every 28 days

78% CRR

0.4 mg dose

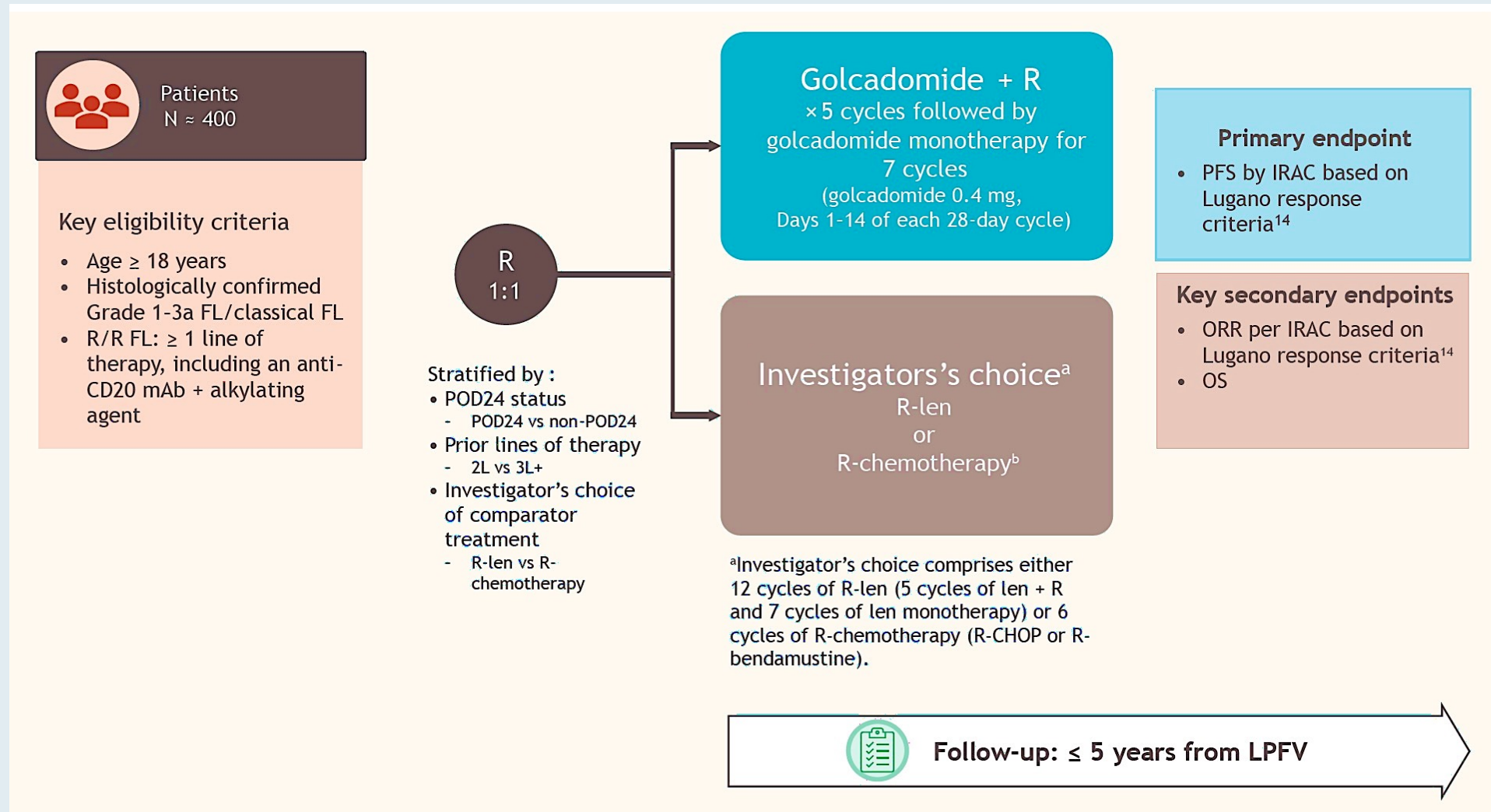
Median 3 prior lines

Safety Data

- Most common Grade 3/4 AEs: neutropenia in >50% of patients, managed with G-CSF
- Non-heme AEs: fatigue, diarrhea, and rash, generally mild to moderate severity, no treatment discontinuation

Golseek-4: Ph3 RCT Golca-R vs IC (Len-R/CIT) in 2L+ FL now enrolling

Phase III GOLSEEK-4 Study Design



^bFor patients receiving R-chemotherapy, maintenance therapy with an anti-CD20 antibody is not allowed.
2L, second line; 3L+, third line and beyond; CD, cluster of differentiation; FL, follicular lymphoma; IRAC, Independent Radiology Adjudication Committee; len, lenalidomide; LPFV, last patient first visit; mAb, monoclonal antibody; ORR, overall response rate; OS, overall survival; PFS, progression-free survival; POD24, progression of disease within 24 months; R, rituximab; R-CHOP, rituximab, cyclophosphamide, doxorubicin, vincristine, and prednisone; R/R, relapsed/refractory.

Key Takeaways

- **Epcor +R2 or Tafa + R2 preferred 2L regimens for FL**
- **3L+ options include**
 - Epcor or Mosun mono (if no prior)
 - Zanu-Obin
 - Lonca-T + Rituximab
 - CAR –T-cell therapy (Axi-cel, Liso-cel, Tisacel)
- **Additional agents under investigation**
 - *Golcadomide + Rituximab*
 - *Surovatamig (CD19 BsAb), MK-1045 (CD19 BsAb)*
 - *BCL6 degraders*

Keynote Session: Diffuse Large B-Cell Lymphoma and Follicular Lymphoma

Part 1 - Diffuse Large B-Cell Lymphoma:

Antibody-Drug Conjugates and Other Novel Strategies in the Management of DLBCL — Prof Salles

Current and Future Role of Monoclonal and Bispecific Antibodies in the Management of DLBCL — Dr Patel

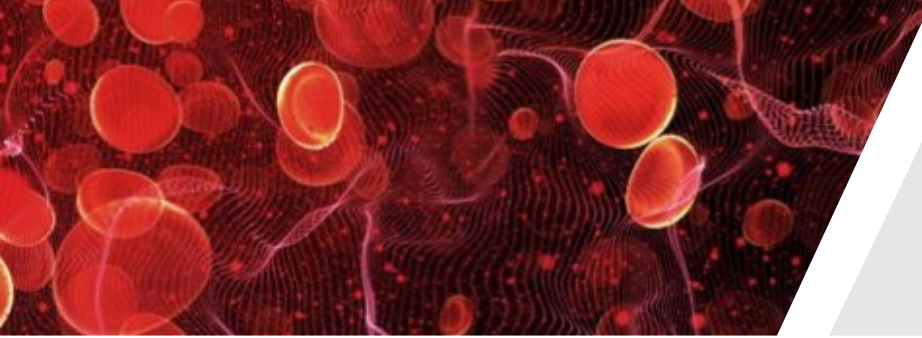
Chimeric Antigen Receptor (CAR) T-Cell Therapy for DLBCL — Dr Kamdar

Part 2 – Follicular Lymphoma:

CAR T-Cell Therapy for FL — Prof Salles

Other Approved and Emerging Novel Therapies for FL — Dr Patel

Integrating Bispecific Antibodies into the Management of FL — Dr Kamdar



Integrating Bispecific Antibodies into the Management of Follicular Lymphoma

Manali Kamdar, MD, MBBS

Associate Professor of Medicine, Clinical Director of Lymphoma Services,

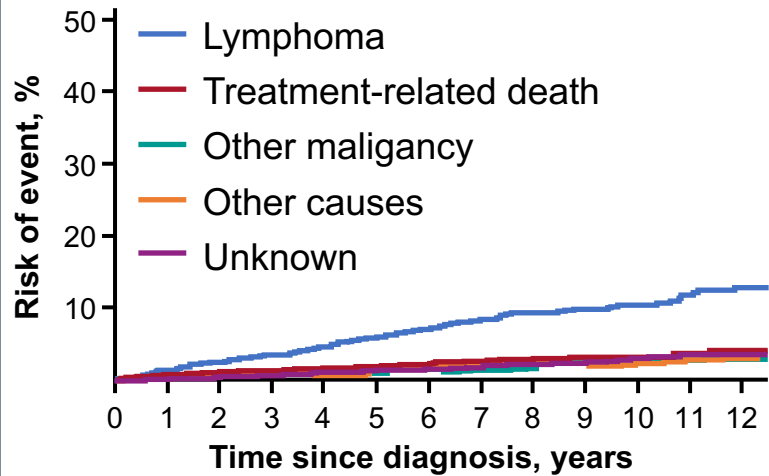
Morton and Sandra Saffer Endowed Chair in Hematology Research,

Division of Hematology,

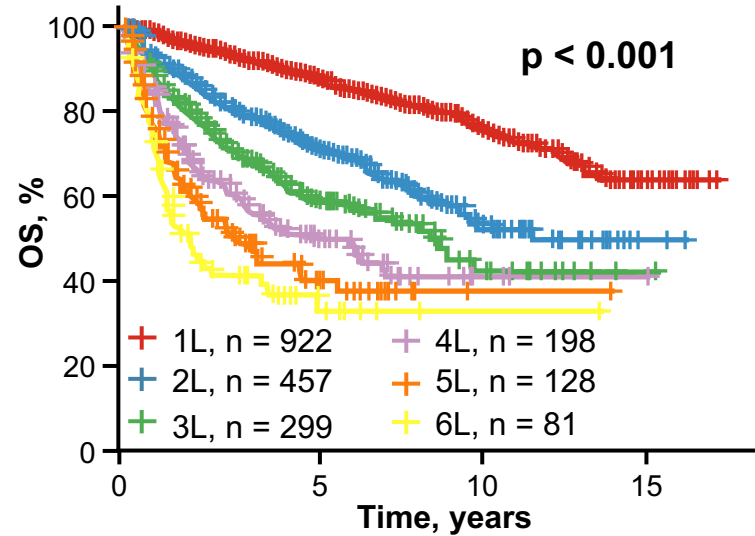
University of Colorado

Relapsed/refractory follicular lymphoma unmet needs

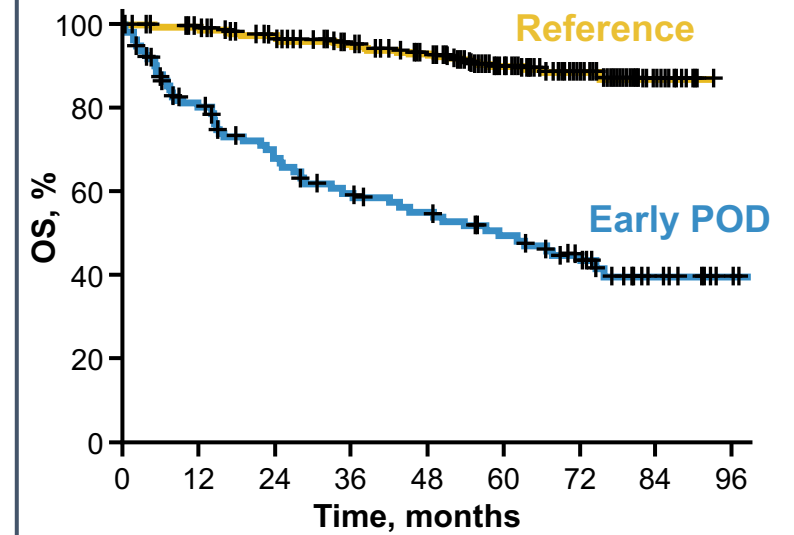
**Lymphoma-related death:
10.3% at 10 years¹**



OS by line of therapy²



OS based on POD24³



Treatment goals for R/R FL

Efficacious and durable

Time-limited

Potential cure

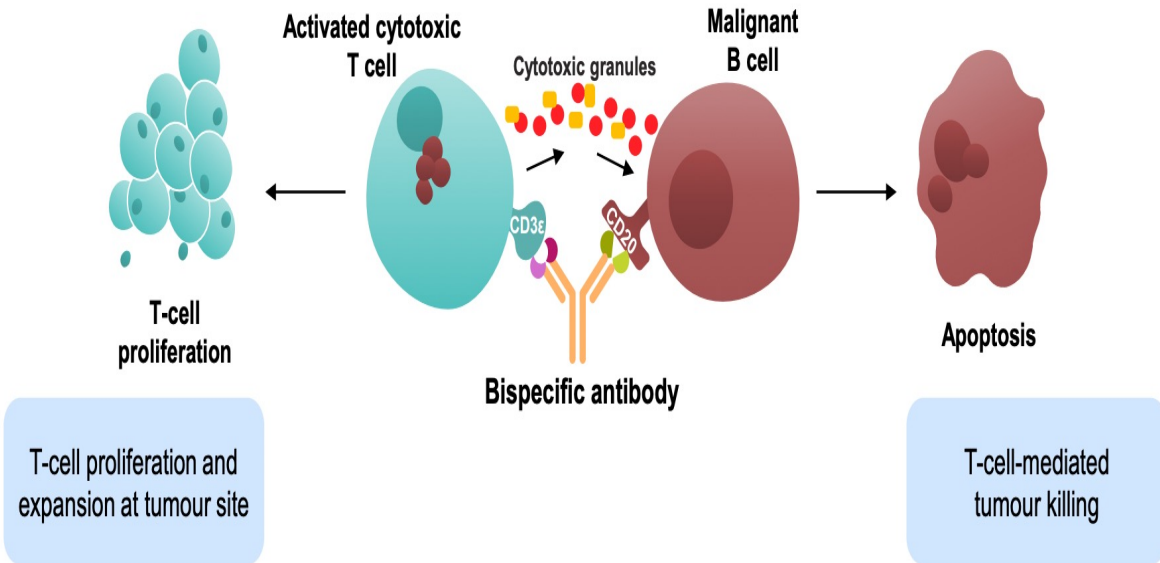
Improves QoL

Manageable short- and long-term toxicity

FL, follicular lymphoma; OS, overall survival; POD24, progression of disease within 24 months; R/R, relapsed/refractory.

1. Sarkozy C, et al. J Clin Oncol. 2019;37:144–152; 2. Batlevi CL, et al. Blood Cancer J. 2020;10:74; 3. Casulo C, et al. J Clin Oncol. 2015;33:2516–2522.

CD20xCD3 bispecific antibodies engage and redirect T cells to eliminate malignant B cells



CD20 bispecific antibodies^{2,3}

Redirected tumour lysis²
IgG-like bispecific antibody

Effector cell

Tumor cell

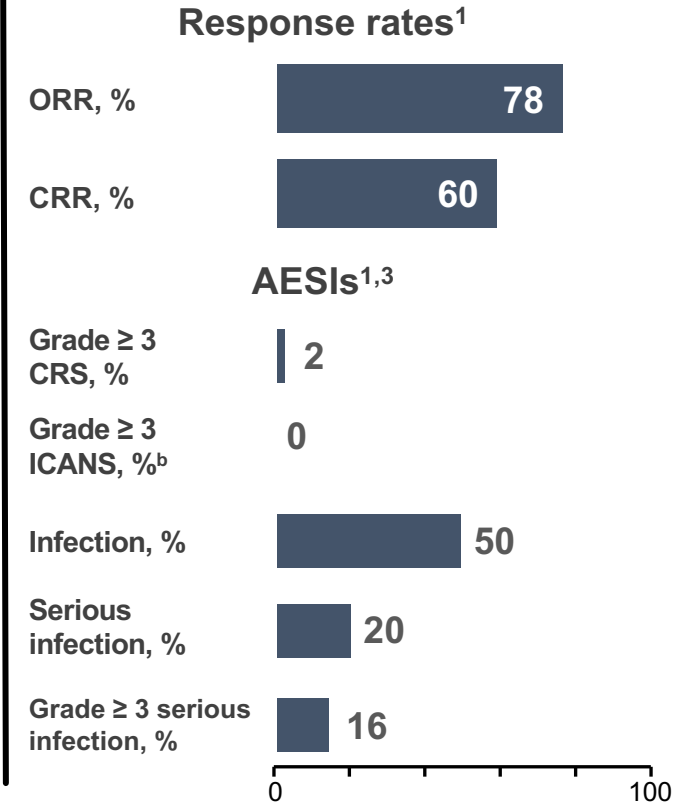
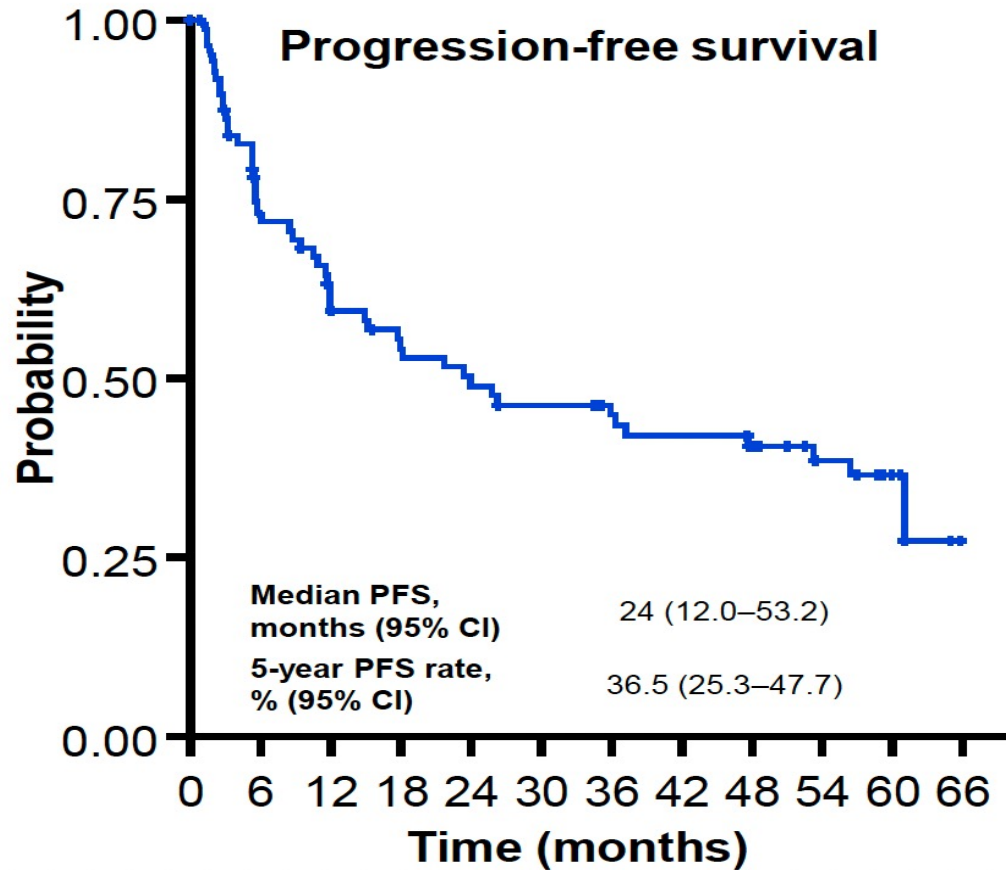
Perforin/granzymes

Mosunetuzumab³	CD20	CD3	Epcoritamab³
IV infusion/ SC			SC
Time-limited			Indefinite therapy
			<u>Odronextamab</u>
			IV Indefinite Therapy

Mosunetuzumab: Median PFS of 24 months at 5-year follow-up

GO29781

mFU: 60.2 months
Phase 2, single-arm, multicenter trial of **mosunetuzumab** (n = 90) in patients with 3L+ R/R FL^{1,2}



Serious infections as reported by investigators: 20%; Median TTNT 64 mnths; Similar mPFS in POD24 vs Non-POD24

^a Median follow-up of 28.3 months; ^b Median follow-up 18.3 months in the primary analysis.

3L, third line; AE, adverse event; CRR, complete response rate; CRS, cytokine release syndrome; FL, follicular lymphoma; ICANS, immune effector cell-associated neurotoxicity syndrome; mFU, median follow-up; NE, not estimable; NR, not reached; ORR, overall response rate; PFS, progression-free survival; R/R, relapsed/refractory.

1. Shadman S, et al. ASH 2024. Oral presentation 864; 2. Bartlett NL, et al. Blood. 2022. Oral presentation 610; 3. Budde LE, et al ASH 2025

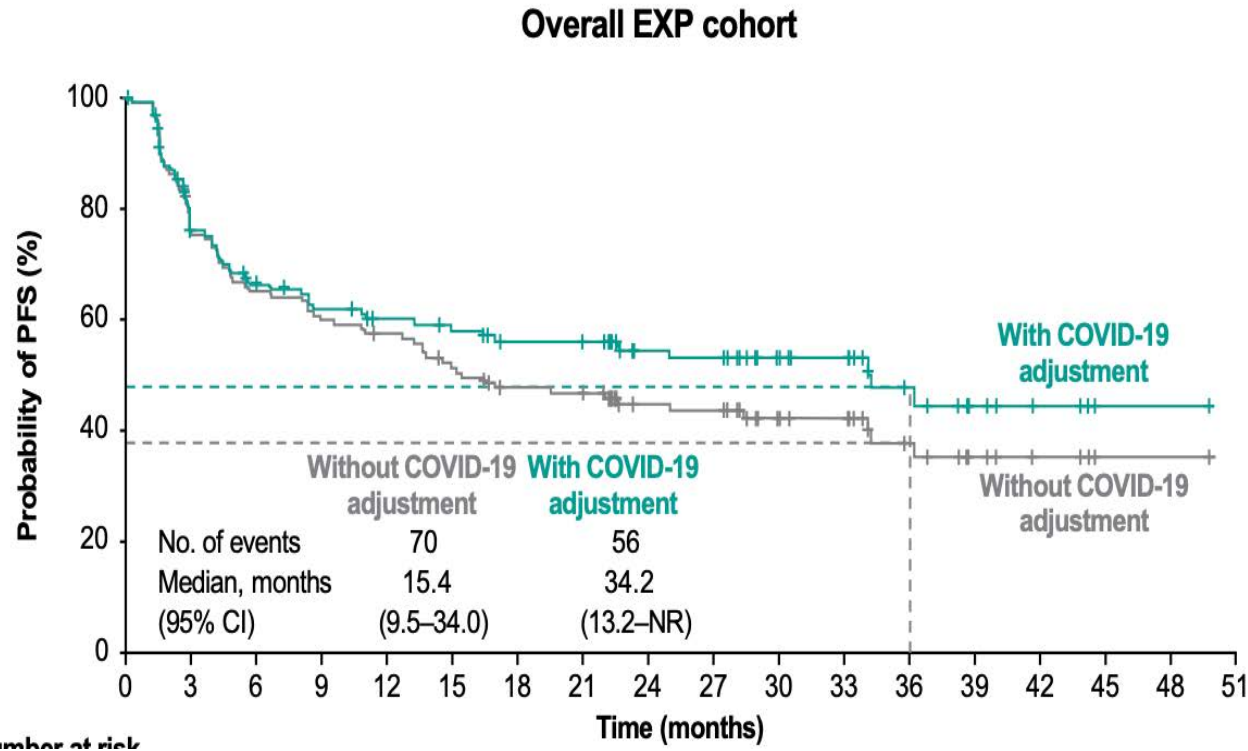
Epcoritamab: Median PFS of 15 months at 3-year follow-up

EPCORE NHL-1 / NHL-3 (pooled EXP cohort)

mFU: 35 months

Phase 1/2, single-arm, multicenter trial of

Epcoritamab (n = 149) in patients with 3L+ R/R FL^{1,2}



Response rates¹

ORR, % **83**

CRR, % **65**

AESIs^{1,3}

Grade low CRS, % **49**

ICANS, %^b **0**

Grade ≥ 3 serious infection, % **35**

0 100

30 month OS 79%

Serious infections as reported by investigators: 35%; Median TTNT 45 months; MRD 70%

Primary Phase 3 Results From the EPCORE FL-1 Trial of Epcoritamab With Rituximab and Lenalidomide (R²) Versus R² for Relapsed or Refractory Follicular Lymphoma

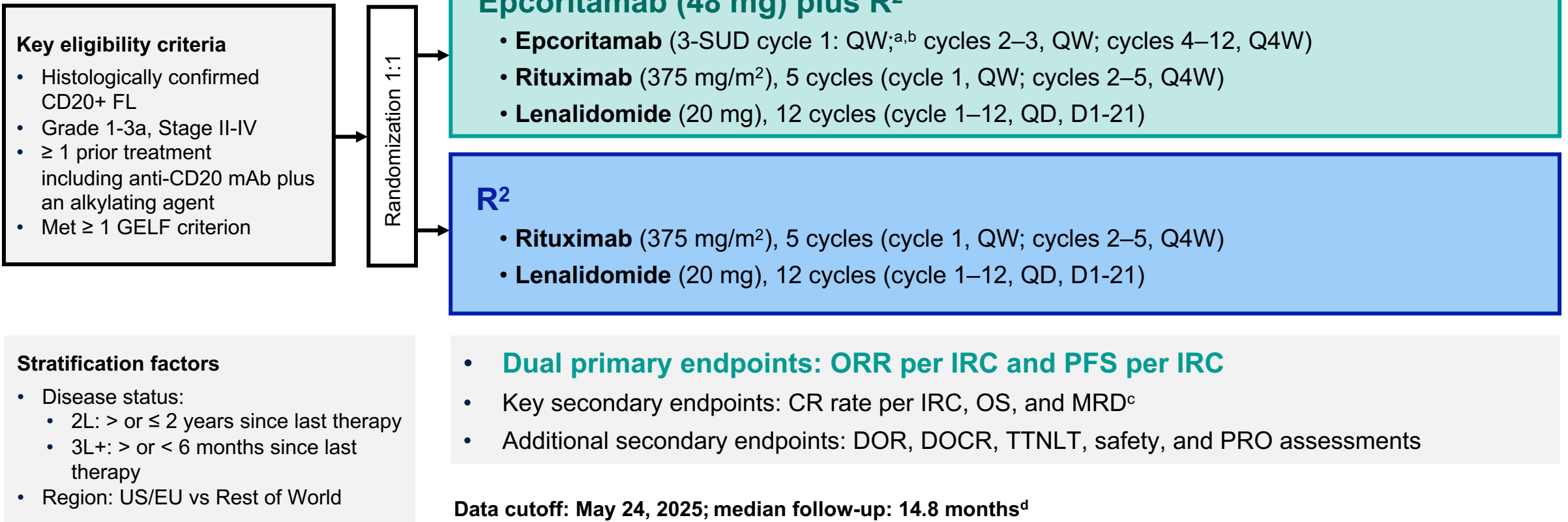
Lorenzo Falchi,^{1*} Marcel Nijland,² Huiqiang Huang,³ Kim M. Linton,⁴ John F. Seymour,⁵ Rong Tao,⁶ Michal Kwiatek,⁷ Abel Costa,⁸ Theodoros P. Vassilakopoulos,⁹ Richard Greil,¹⁰ Ana Jiménez-Ubieto,¹¹ Shane Gangatharan,¹² Ohad Benjamini,¹³ Catherine Thieblemont,¹⁴ Alessandra Tucci,¹⁵ Anna Elinder-Camburn,¹⁶ Arpad Illes,¹⁷ Jan Novak,¹⁸ Miguel Pavlovsky,¹⁹ Andrew McDonald,²⁰ Dok Hyun Yoon,²¹ Yuko Mishima,²² Gauri Sunkersett,²³ JP Mei,²³ Nabanita Mukherjee,²³ Feng Zhu,²³ Elena Favaro,²⁴ Franck Morschhauser²⁵

*Presenting author

¹Lymphoma Service, Memorial Sloan Kettering Cancer Center, New York, NY, USA; ²University Medical Center Groningen, University of Groningen, Groningen, Netherlands; ³Sun Yat-sen University, Guangzhou, China; ⁴The Christie NHS Foundation Trust, Manchester Cancer Research Centre, and Division of Cancer Sciences, University of Manchester, Manchester, UK; ⁵Peter MacCallum Cancer Centre and The Royal Melbourne Hospital, Melbourne, Australia; ⁶Fudan University Cancer Hospital, Shanghai, China; ⁷Aidport Clinical Trials Hospital, Skorzewo (Poznan), Poland; ⁸Instituto D'Or de Pesquisa e Ensino, São Paulo, Brazil; ⁹Laikon General Hospital, National and Kapodistrian University of Athens, Athens, Greece; ¹⁰Paracelsus Medical University Salzburg; Salzburg Cancer Research Institute-Center for Clinical Cancer and Immunology Trials; Cancer Cluster Salzburg, Salzburg, Austria; ¹¹Hospital Universitario 12 de Octubre, Madrid, Spain; ¹²Fiona Stanley Hospital, Murdoch, Australia; ¹³The Chaim Sheba Medical Center, Ramat Gan, Israel; ¹⁴Hôpital Saint-Louis, Paris, France; ¹⁵ASST degli Spedali Civili di Brescia, Brescia, Italy; ¹⁶North Shore Hospital, Auckland, New Zealand; ¹⁷Debreceni Egyetem-Klinikai Központ, Debrecen, Hungary; ¹⁸Fakultni nemocnice Kralovske Vinohrady, Prague, Czechia; ¹⁹FUNDALEU, Buenos Aires, Argentina; ²⁰Alberts Cellular Therapy, Gauteng, South Africa; ²¹Asan Medical Center, University of Ulsan, College of Medicine, Seoul, South Korea; ²²Cancer Institute Hospital, Japanese Foundation for Cancer Research, Tokyo, Japan; ²³AbbVie, North Chicago, IL, USA; ²⁴Genmab, Copenhagen, Denmark; ²⁵Hôpital Claude Huriez, Lille, France.

EPCORE FL-1: Phase 3, Global, Randomized, Open-Label Study

Fixed-Duration: 12 Cycles (28-Day Cycles)



Data cutoff: May 24, 2025; median follow-up: 14.8 months^d

Enrollment period: October 2022 - January 2025

^aTwo step-up dosing (SUD) regimens during cycle 1 to mitigate the risk of cytokine release syndrome: either a 2-SUD (0.16 mg on cycle 1 day 1, 0.8 mg on cycle 1 day 8), or 3-SUD (0.16 mg on cycle 1 day 1, 0.8 mg on cycle 1 day 8, 3 mg on cycle 1 day 15) regimen, followed by full dose 48 mg. The 3-SUD regimen was implemented after reduced CRS severity and incidence had been observed in the EPCORE NHL-1 FL trial (NCT03625037).¹ ^bThe 24 mg epcoritamab plus R² arm was closed to enrollment based on the superior efficacy for the 48 mg dose from EPCORE NHL-2.² Only the data for the optimal dose explored (48 mg) are presented here. ^cMinimal residual disease data are forthcoming in a future analysis. ^dThe data presented here are from the second planned interim analysis (May 24, 2025) after 78% Information Fraction for PFS had occurred.

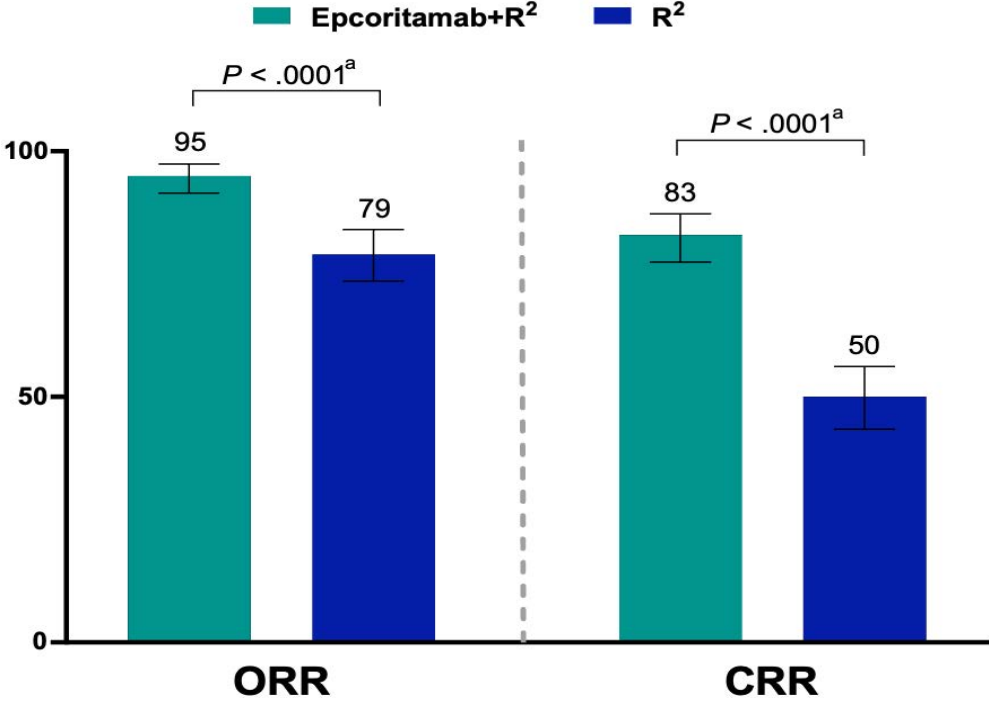
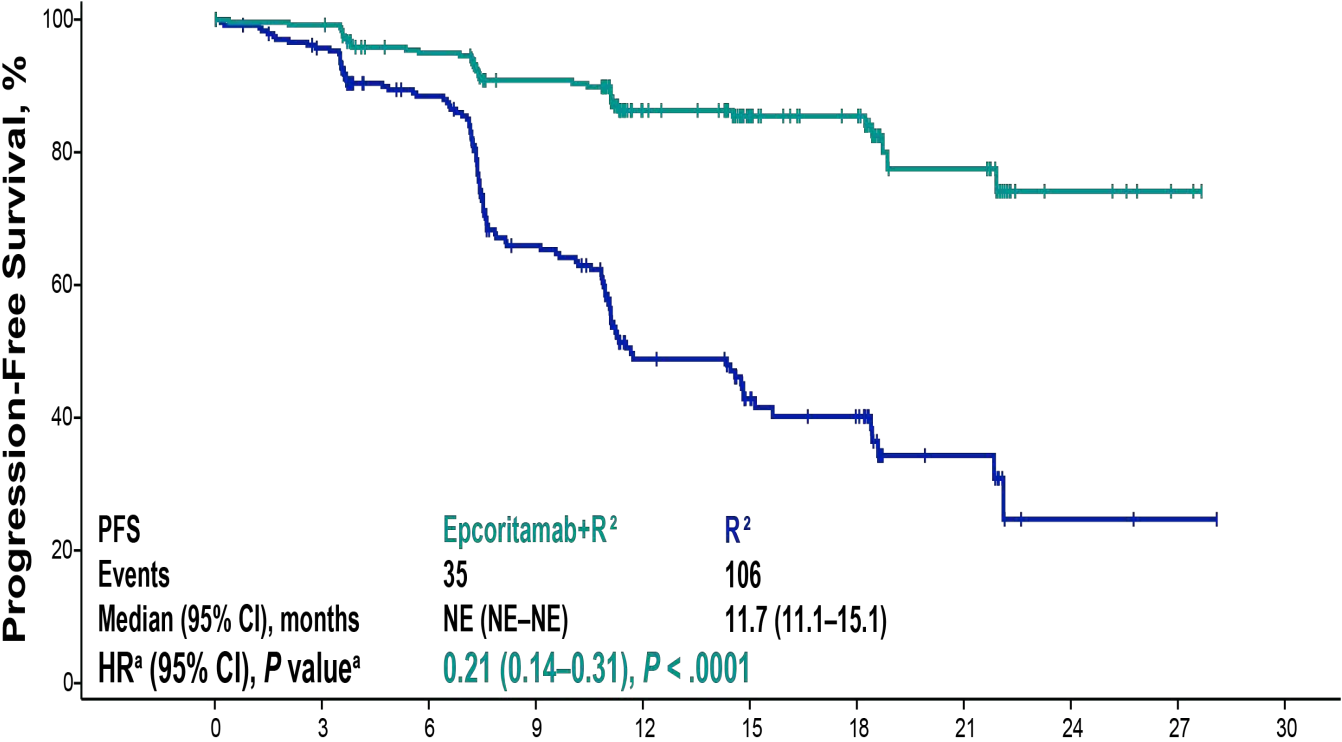
1. Vose J, et al. *J Clin Oncol*. 2024;42(16_suppl):7015–7015. 2. Falchi L, et al. *Blood*. 2024;144(Supplement 1):342–342.

Treatment History Was Generally Balanced Across Epcoritamab+R² and R²

	Epcoritamab+R ² (N = 243)	R ² (N = 245)	Overall (N = 488)
Median time from initial diagnosis to randomization, years (range)	4.5 (0.2, 30.3)	5.3 (0.1, 43.0)	5.0 (0.1, 43.0)
Number of prior lines of therapy, median (range)	1 (1, 7)	1 (1, 6)	1 (1, 7)
1, n (%)	145 (60)	141 (58)	286 (59)
2, n (%)	58 (24)	61 (25)	119 (24)
≥ 3, n (%)	40 (16)	43 (18)	83 (17)
Prior anti-CD20 antibody, n (%)	243 (100)	245 (100)	488 (100)
Prior anti-CD20 antibody containing chemotherapy, n (%)	239 (98)	240 (98)	479 (98)
Prior bendamustine in last line, n (%)	53 (22)	47 (19)	100 (20)
Prior R ² , n (%)	8 (3)	9 (4)	17 (3)
POD24, ^a n (%)	106 (44)	93 (38)	199 (41)
Refractory to 1L therapy, n (%)	86 (35)	81 (33)	167 (34)
Refractory to anti-CD20 antibody, n (%)	104 (43)	103 (42)	207 (42)
Refractory to last line of therapy, n (%)	84 (35)	82 (33)	166 (34)
Double refractory ^b	91 (37)	91 (37)	182 (37)

^aPOD24 is defined as progression of disease ≤ 2 years from the date of initiation of frontline therapy. ^bDouble refractory is refractory to prior anti-CD20 therapy and prior alkylator therapy.

Epcoritamab+R² Resulted in Superior PFS per IRC With 79% Risk Reduction



No. at risk

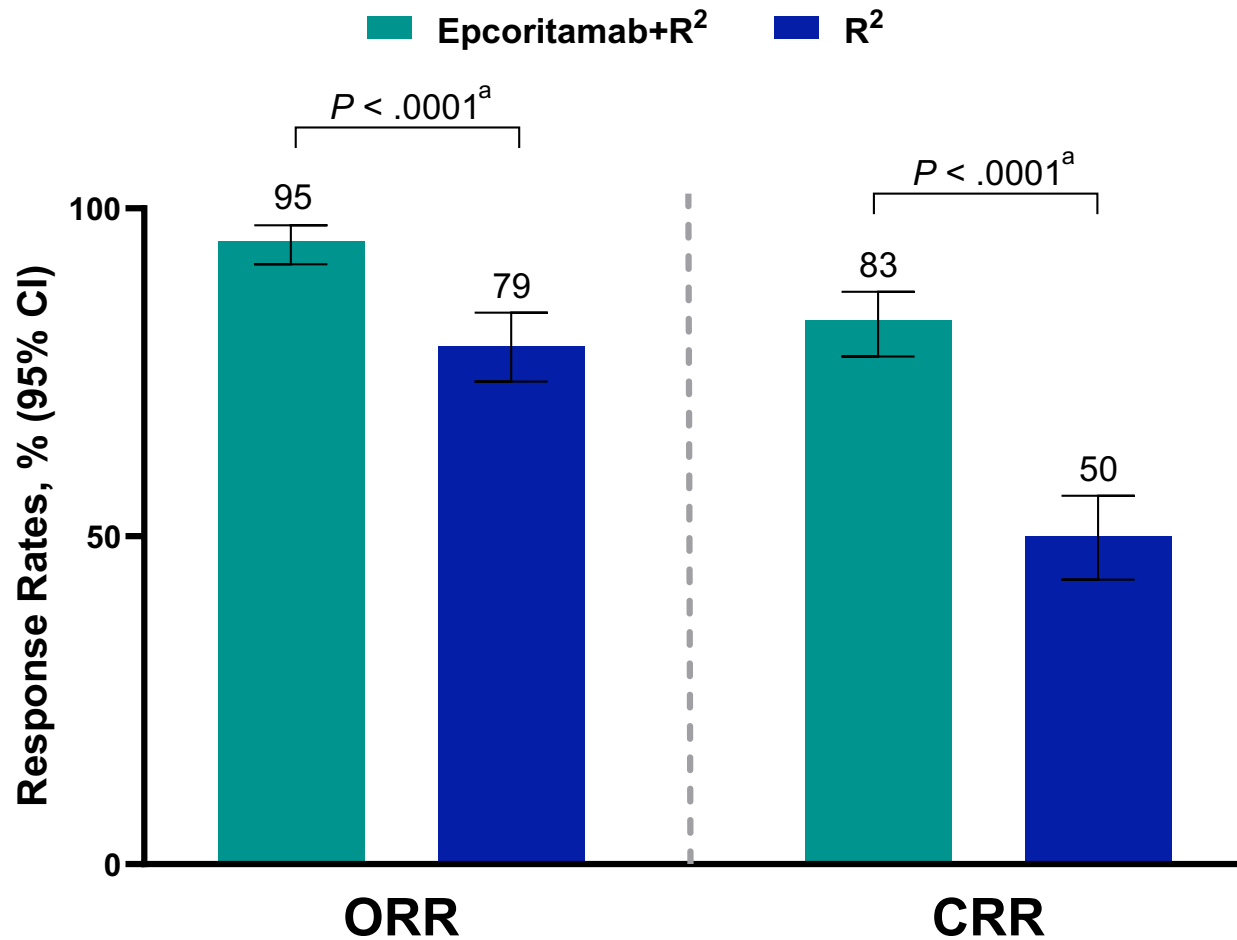
Epcoritamab+R ²	243	240	218	183	112	77	65	30	6	2	0
R ²	245	220	180	110	58	34	28	10	2	1	0

- Concordance rate was 94% for PFS between IRC and investigator assessment
- The estimated 16-month PFS was 85.5% (95% CI: 79.7, 89.7) for epcoritamab+R² and 40.2% (95% CI: 31.8, 48.4) for R²

Median follow-up for PFS: epcoritamab+R² (14.4m), R² (11.5m). The first planned interim analysis (January 10, 2025) achieved statistical significance on PFS, HR 0.21 (95% CI 0.13, 0.33) P < 0.0001, with a 1-sided significance level of 0.0023.

^aNominal P value is based on stratified log-rank test. Hazard ratio is estimated using stratified Cox proportional hazards model. This analysis was performed on the 78% information fraction.

Epcoritamab+R² Resulted in Higher Response Rates Versus R²

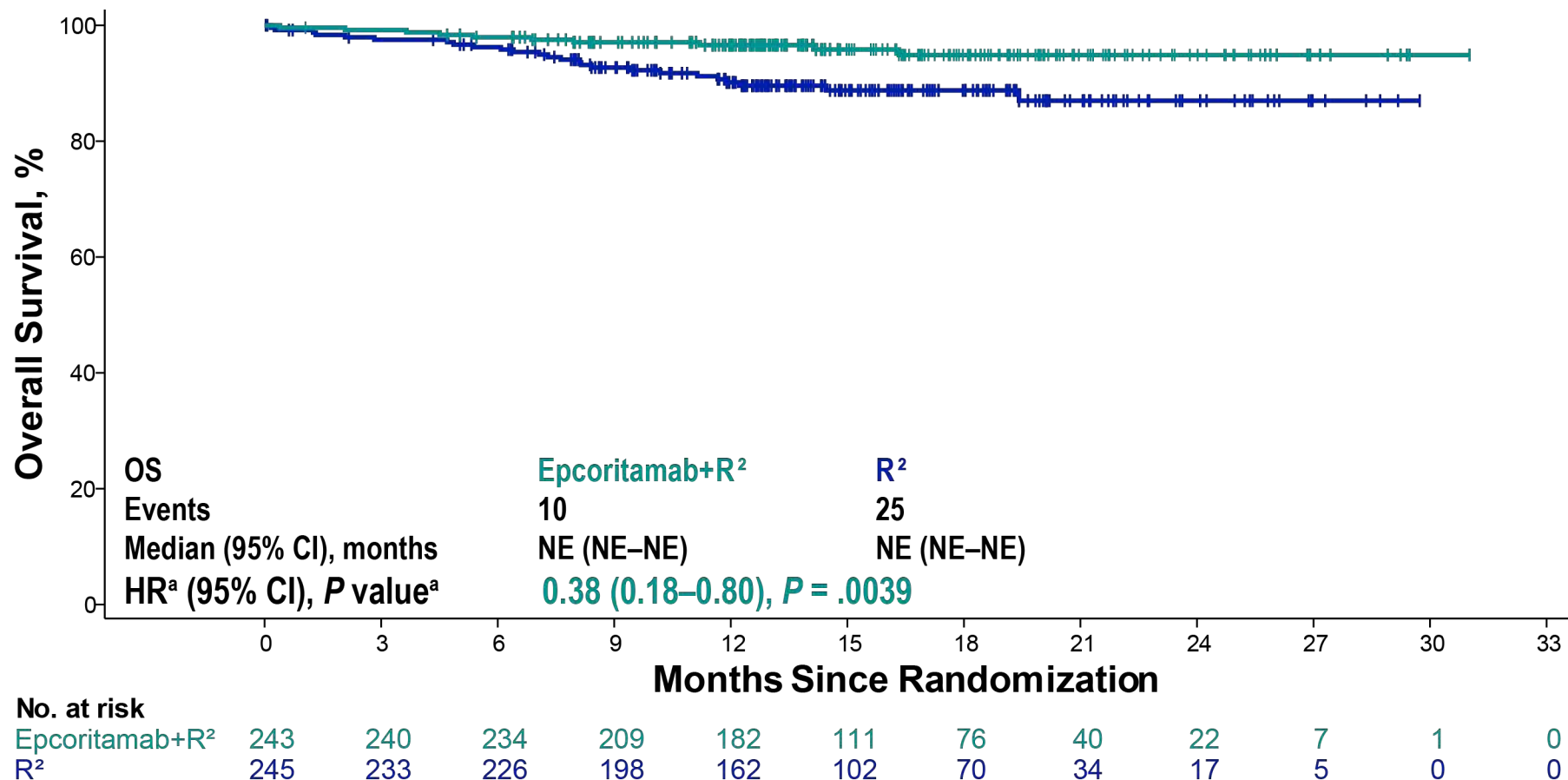


	Epcoritamab+R ² (N = 243)	R ² (N = 245)
ORR, n (%)	231 (95)	194 (79)
CRR, n (%)	201 (83)	122 (50)
PR, n (%)	30 (12)	72 (29)
SD, n (%)	1 (< 1)	17 (7)
PD, n (%)	7 (3)	16 (7)
NE, ^b n (%)	4 (2)	18 (7)

The first planned interim analysis (January 10, 2025) achieved statistical significance for ORR (N = 232; 95.7% vs 81.0%; P < 0.0001, with a 1-sided significance level of 0.005) and CR (74.5% vs 43.3%; P < 0.0001, with a 1-sided significance level of 0.025).

^aNominal P value by stratified Cochran-Mantel-Haenszel method. ^bPatients with no post-baseline disease assessment were also included.

Positive Trend for Overall Survival With Epcoritamab+R²



- The 16-month estimate for OS was 95.8% with epcoritamab+R² and 88.8% with R²

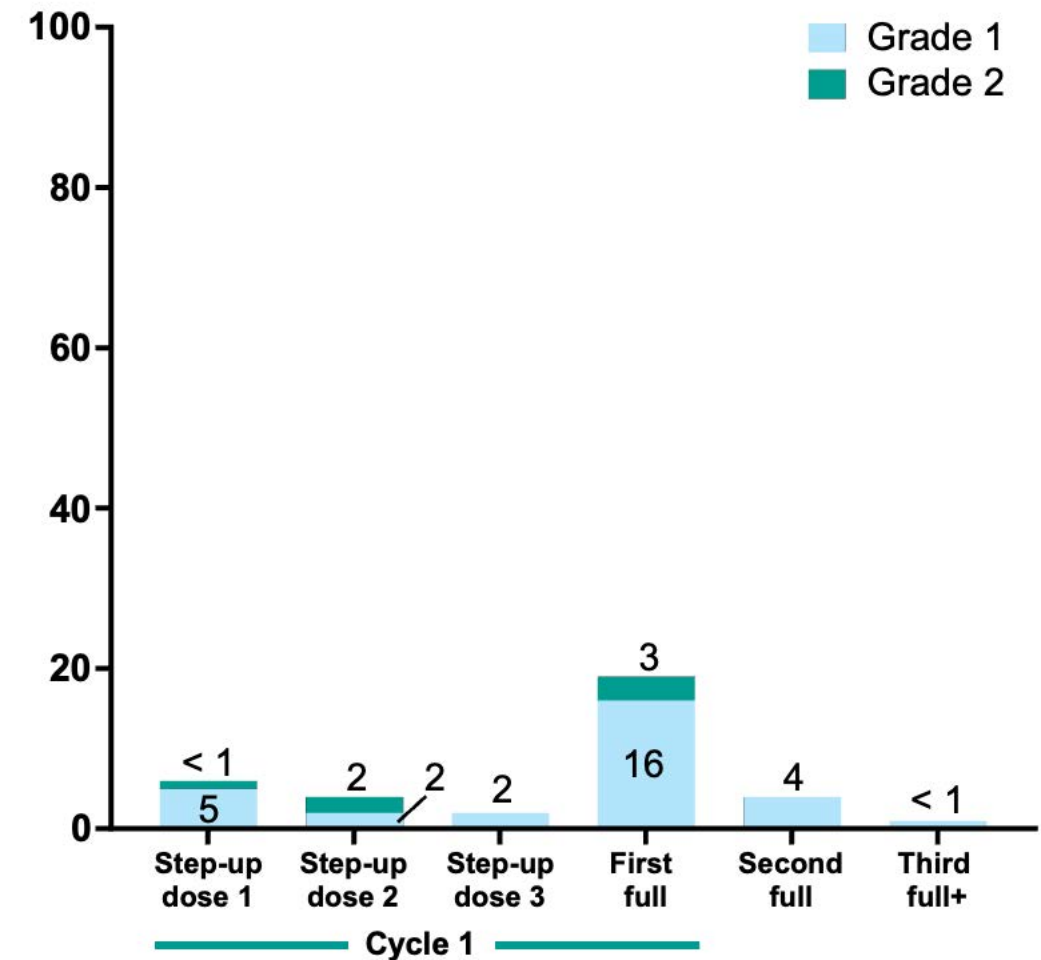
Median follow-up for OS: epcoritamab+R² (14.8m), R² (14.6m). The OS data is based on the 24% (35/146 events) information fraction and has not yet reached statistical significance; additional analyses are forthcoming.
^aP value is based on stratified log-rank test with 1-sided significance level of 0.000005. Hazard ratio is estimated using stratified Cox proportional hazards model.

EPCORE FL-1: Safety

Adverse Event, n (%)	Epcoritamab+R ² (N = 243)		R ² (N = 238)	
	Any Grade	Grade ≥ 3	Any Grade	Grade ≥ 3
Any adverse event	242 (100)	219 (90)	235 (99)	161 (68)
Serious adverse event	135 (56)	-	69 (29)	-
Adverse event leading to treatment discontinuation	46 (19)	-	29 (12)	-
<i>Epcoritamab</i>	21 (9)	-	-	-
<i>Rituximab</i>	7 (3)	-	12 (5)	-
<i>Lenalidomide</i>	45 (19)	-	29 (12)	-
Adverse event of clinical interest > 20% ^{a,b}				
<i>Infections^c</i>	188 (77)	81 (33)	125 (53)	37 (16)
<i>Neutropenia</i>	180 (74)	167 (69)	123 (52)	100 (42)
<i>Cytokine release syndrome</i>	85 (35)	-	1 (< 1)	-
<i>Anemia</i>	68 (28)	19 (8)	41 (17)	11 (5)
<i>Thrombocytopenia</i>	67 (28)	23 (9)	44 (18)	15 (6)
<i>Pyrexia</i>	58 (24)	1 (< 1)	33 (14)	3 (1)
<i>Rash</i>	58 (24)	19 (8)	53 (22)	9 (4)
<i>COVID-19</i>	54 (22)	7 (3)	32 (13)	4 (2)

^aNeutropenia, anemia, pyrexia, rash and COVID-19 are grouped terms comprising multiple clinically related Preferred Terms. ^bThis includes the AESI of CRS. ^cEvents were in the MedDRA system organ class "Infections and Infestations." No grade 5 infections were reported.

3-SUD: CRS Events by Dosing Period



Promising response rates and manageable safety with mosunetuzumab plus lenalidomide (Mosun-Len) in patients with relapsed/refractory (R/R) follicular lymphoma (FL): US extension cohort from the Phase III CELESTIMO study

Dahlia Sano,^{1*} Nancy Bartlett,² L. Elizabeth Budde,³ Brett Brinker,⁴ Rakhee Vaidya,⁵ Sunil Babu,⁶ Catherine Diefenbach,⁷ Chijioko Nze,⁸ Connie Y. Ma,⁹ Andrea Knapp,¹⁰ Michelle Y. Doral,⁹ Vivian Chen,⁹ Paloma Hauser,⁹ Michael C. Wei,⁹ Pretibha Moorthy,¹¹ Anna Phillips,⁹ Natalie Surh,⁹ Adam Jan,¹¹ Enkhtsetseg Purev,⁹ Nina Wagner-Johnston¹²

Study design

- Patients were treated with intravenous (IV) mosunetuzumab and oral lenalidomide for 12 and 11 cycles, respectively (**Figure 1**).

Figure 1. Non-randomized single arm US extension of CELESTIMO.

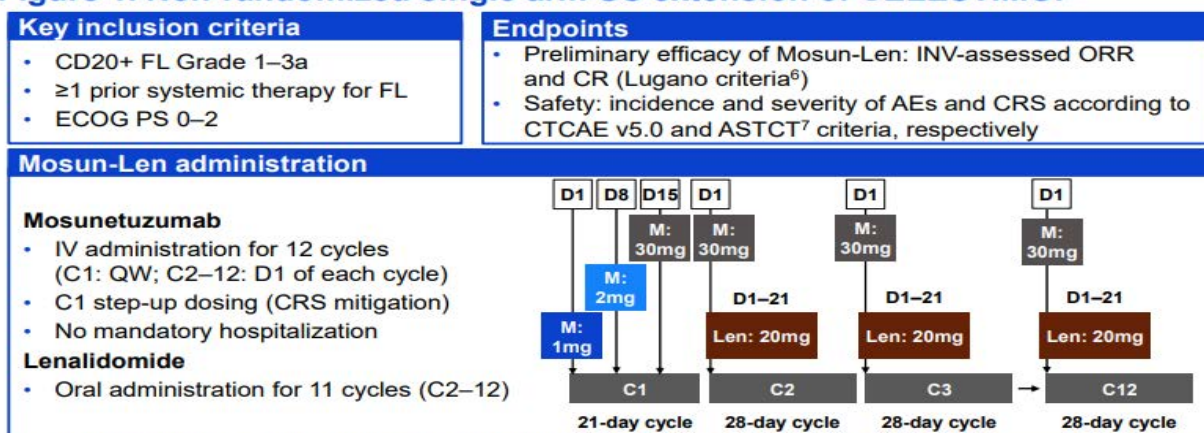


Table 2. Baseline characteristics.

n (%), unless otherwise stated	2L+ FL US cohort (n=54)
Age, years	Median (range) 62.0 (37–82)
Sex	Male 32 (59.3)
Race	Asian 3 (5.6)
	Black or African American 2 (3.7)
	White 47 (87.0)
	Multiple* 1 (1.9)
	Unknown 1 (1.9)
Ethnicity	Hispanic or Latino 12 (22.2)
	Not Hispanic or Latino 42 (77.8)
ECOG PS	0 40 (74.1)
	1 13 (24.1)
	2 1 (1.9)
Ann Arbor stage	I/II 9 (16.7)
	III/IV 45 (83.3)
FLIPI score	n=52 [†]
	0/1 13 (25.0)
	2 18 (34.6)
	3 17 (32.7)
	4 3 (5.8)
	5 1 (1.9)
FL grade	n=47 [†]
	1/2 28 (59.6)
	3a 19 (40.4)
POD24	Yes 16 (29.6)
Number of prior lines of therapy	1 30 (55.6)
	≥2 24 (44.4)
Refractory to prior CD20 therapy	Yes n=48 [†] 19 (39.6)
Relapsed after prior CD20 therapy	Yes n=48 [†] 17 (35.4)
Double refractory	Yes n=53 [†] 9 (17.0)

*American Indian or Alaska Native, White. [†]Missing or partial data. 2L+, at least one prior therapy.

Efficacy and Safety

- Median duration of follow-up was 12.7 months (range: 5–20).
- At data cut-off, the ORR was 96.3% (95% confidence interval [CI]: 90.3–100), and 87.0% (95% CI: 75.1–94.6) of patients had achieved a CR (Table 3).

Table 3. Efficacy overview.

n (%)	2L+ FL US cohort (n=54)
ORR	52 (96.3)
CR	47 (87.0)
PR	5 (9.3)
Stable disease	0
Progressive disease	2 (3.7)

- The most common AEs (any grade, by preferred term) were fatigue (57.4%), maculo-papular rash (42.6%), and constipation (42.6%).
- One fatal (Grade 5) AE of pneumonia was reported and was considered to be related to mosunetuzumab.

Table 4. Safety overview.

n (%)	2L+ FL US cohort (n=54)
Any grade AE	54 (100)
Mosunetuzumab related	48 (88.9)
Lenalidomide related	50 (92.6)
AE leading to discontinuation of mosunetuzumab	6 (11.1)
AE leading to discontinuation of lenalidomide	10 (18.5)
Grade 3–4 AE	31 (57.4)
Fatal AE*	1 (1.9)
Serious AE	15 (27.8)
Mosunetuzumab related	9 (16.7)
Lenalidomide related	4 (7.4)
CRS by ASTCT grading	15 (27.8)
Grade 1	12 (22.2)
Grade 2	2 (3.7)
Grade 3	1 (1.9)
Infections	31 (57.4)
Grade 1	2 (3.7)
Grade 2	24 (44.4)
Grade 3	3 (5.6)
Grade 4	1 (1.9)
Grade 5	1 (1.9)
Neutropenia/neutrophil count decreased	22 (40.7)
Grade 3/4	18 (33.3)
Febrile neutropenia (Grade 3)	2 (3.7)

Fixed-duration subcutaneous (SC) mosunetuzumab, with maintenance therapy, in patients with previously untreated high-tumor burden follicular lymphoma (HTB FL): Longer follow-up and exploratory circulating tumor (ct)DNA analysis of the Phase II MorningSun study

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Aung M. Tun,⁵ David Wright,⁶ Prachi Jani,⁷ Juliana M. L. Biondo,⁷ Mei Wu,⁷
Yong Mun,⁷ Vivek S. Chopra,⁷ Rona Farighi,⁷ Jose C. Villasboas,⁸
L. Elizabeth Budde,⁹ Ian W. Flinn¹⁰

¹Rocky Mountain Cancer Centers, Aurora, CO, USA; ²Willamette Valley Cancer Institute, Sarah Cannon Research, Eugene, OR, USA; ³Tennessee Oncology, Chattanooga, TN, USA; ⁴New York Cancer & Blood Specialists, Port Jefferson, NY, USA; ⁵The University of Kansas Cancer Center, Kansas City, KS, USA; ⁶University Hospitals Sussex NHS Foundation Trust, Brighton, East Sussex, UK; ⁷Genentech, Inc., South San Francisco, CA, USA; ⁸Mayo Clinic, Rochester, MN, USA; ⁹City of Hope National Medical Center, Duarte, CA, USA; ¹⁰Tennessee Oncology and OneOncology, Nashville, TN, USA

MorningSun Phase II Study: SC Mosun in 1L High Tumour Burden FL Cohort

Key inclusion criteria

- Previously untreated FL
- HTB by GELF criteria
- ECOG performance status 0–2

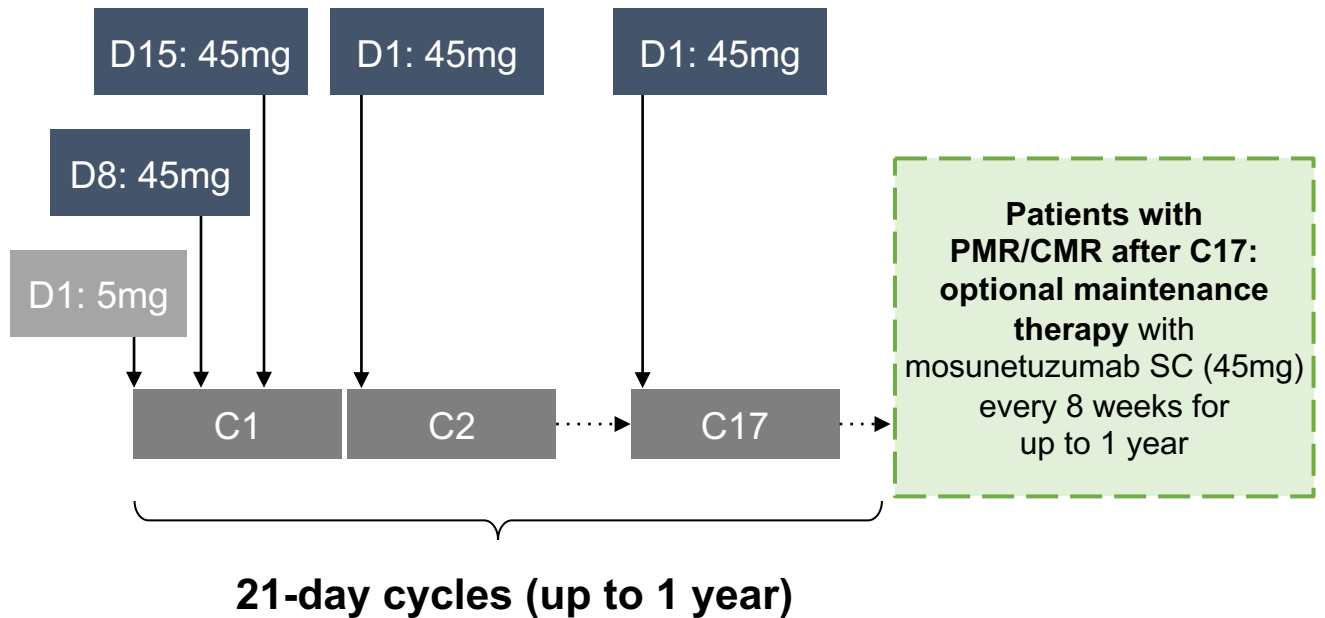
CRS mitigation

- Mosunetuzumab SC step-up dosing in C1
- Corticosteroid prophylaxis* was mandatory in C1–2 and optional thereafter
- Hospitalization was not mandatory

Endpoints

- Primary: PFS rate at 24 months
- Key secondary: ORR, DOR, DOCR, safety
- Exploratory analysis of ctDNA levels[†]

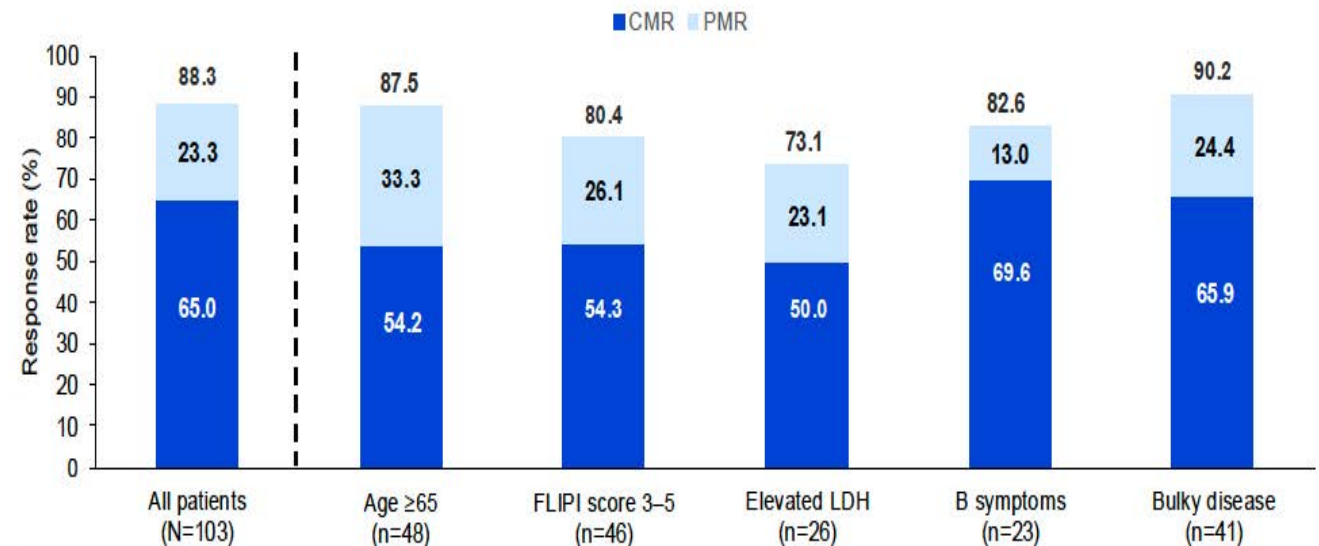
Mosunetuzumab SC administration



The HTB cohort was enrolled between March 3, 2022, and June 21, 2024 CCOD: February 10, 2025. *Dexamethasone (20mg) or methylprednisolone (80mg); premedication with oral acetaminophen or paracetamol and/or diphenhydramine could also be administered prior to administration of mosunetuzumab. [†]ctDNA analysis was performed using the AVENIO Oncology Assay Non-Hodgkin Lymphoma (AOA-NHL) assay.

MorningSun Phase II: Study Characteristics and Response

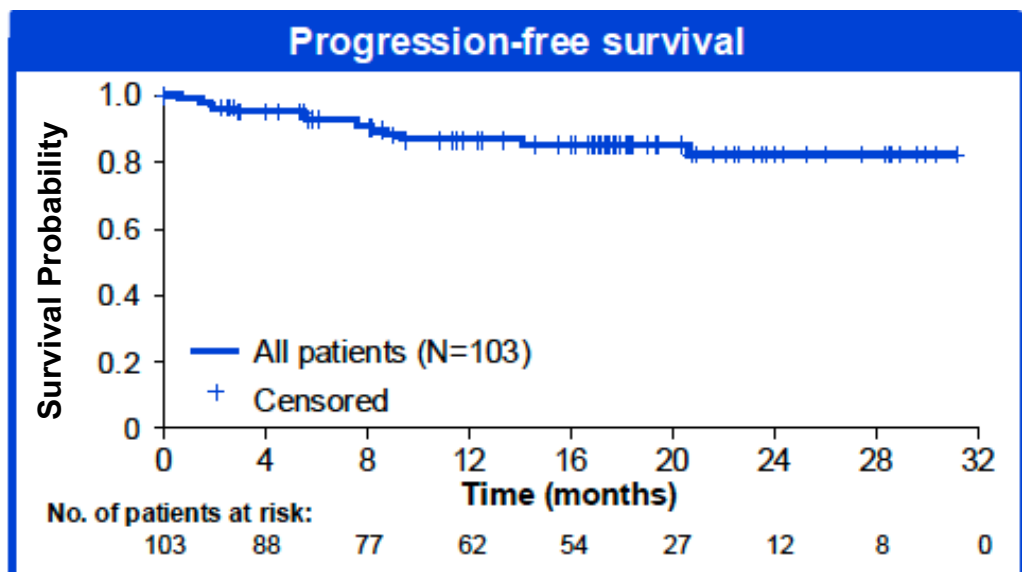
n (%), unless stated	All patients N=103	Patient receiving maintenance treatment n=46
Median age, years (range)	64.6 (24–86)	64.6 (32–79)
ECOG performance status		
0/1	101 (98.1)	46 (100)
2	2 (1.9)	0
Follicular lymphoma grade		
Grade 1–2	82 (79.6)	37 (80.4)
Grade 3A	20 (19.4)	8 (17.4)
Missing	1 (1.0)	1 (2.2)
Ann Arbor stage		
II	9 (8.7)	3 (6.5)
III	38 (36.9)	18 (39.1)
IV	56 (54.4)	25 (54.3)
Extranodal involvement	40 (38.8)	18 (39.1)
Bulky disease		
Yes	41 (39.8)	19 (41.3)
No	54 (52.4)	22 (47.8)
Unknown	8 (7.8)	5 (10.9)
FLIPI score		
0–1	22 (21.4)	10 (21.7)
2	35 (34.0)	15 (32.6)
3–5	46 (44.7)	21 (45.7)



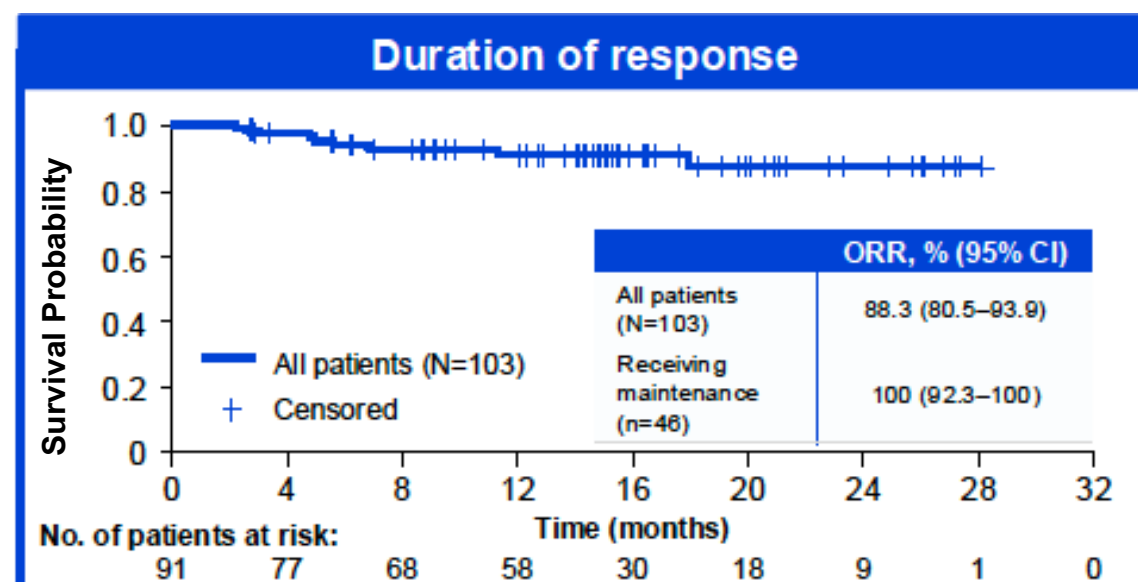
• Among patients with a response (n=91), median time to response was 2.7 months (range: 1.2–6.0)

Exploratory ctDNA analysis in a subset of patients with a CMR showed that 84.2% were MRD-negative at C4

MorningSun Phase II Efficacy: PFS and DOR



Survival rates, (95% CI)	All patients N=103	Patients receiving maintenance treatment n=46
Median PFS, months	NR (NE-NE)	NR (NE-NE)
12-month event-free rate, %	86.7 (77.7-92.3)	100 (100-100)
18-month event-free rate, %	85.3 (75.8-91.2)	100 (100-100)



Response rate, % (95% CI)	All patients N=103	Patients receiving maintenance treatment n=46
Median DOR, months	NR (NE-NE)	NR (NE-NE)
12-month event-free rate, %	90.9 (81.7-95.6)	100 (100-100)
18-month event-free rate, %	87.2 (74.1-94.0)	94.7 (68.1-99.2)

Median follow-up was 22.3 months

Burke JM, et al, ASH 2025

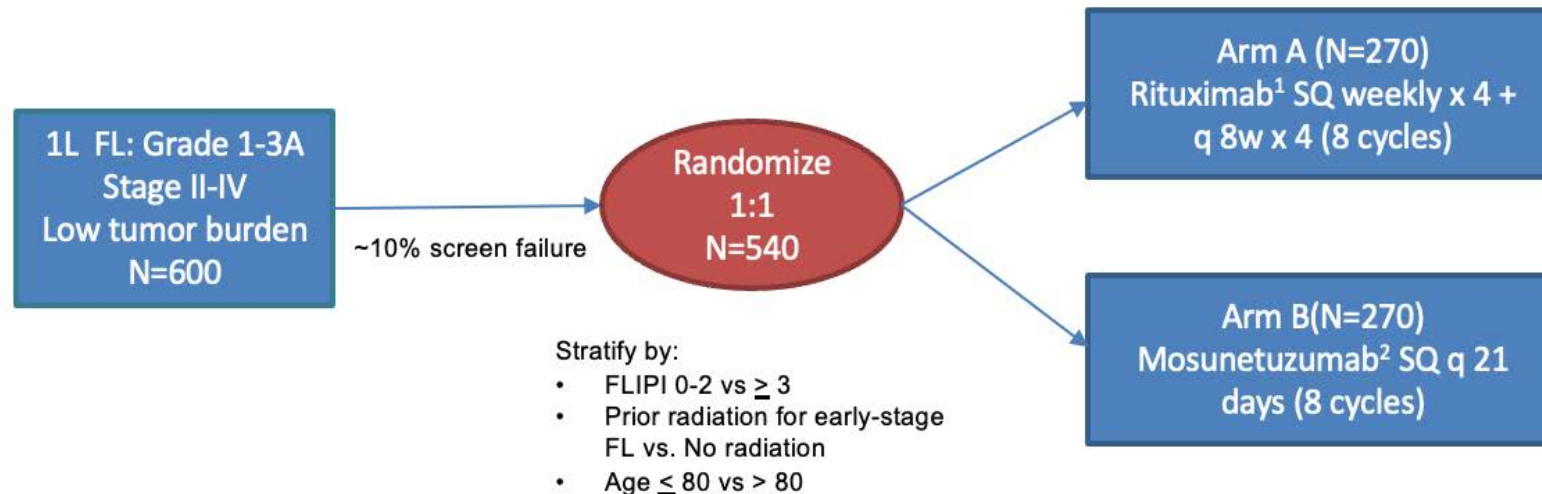
- 66.7% were eligible for maintenance, 44.7% received maintenance
- No CRS occurred during maintenance
- Infections were common (Gr 3-5 19.4%), no increase over time

Front Line Trials in High Tumour Burden FL

	EPCORE FL-2 (NCT06191744)	MorningLyte (NCT06284122)	OLYMPIA-1 (NCT06091254)	OLYMPIA-2 (NCT06097364)
Experimental agent	Epcoritamab	Mosunetuzumab	Odronextamab	Odronextamab
Route of administration	SC	SC	IV	IV
Experimental arm(s)	Epcoritamab + R ² followed by epcoritamab maintenance (ratio 1:1 with control arm)	Mosunetuzumab + lenalidomide followed by mosunetuzumab maintenance (ratio 1:1 with control arm)	Odronextamab induction and maintenance (ratio 1:1 with control arm)	Odronextamab + CHOP/CVP followed by odronextamab maintenance or odronextamab + CHOP/CVP without maintenance (ratio 1:1:1 with control arm)
Control arm	R/O + CHOP/bendamustine followed by anti-CD20 maintenance	R/O + CHOP/bendamustine followed by anti-CD20 maintenance	R + CHOP/CVP/bendamustine followed by anti-CD20 maintenance	R + CHOP/CVP followed by R maintenance
Primary end point	CR30 (PET-CT Lugano 2014) and PFS (dual end point)	PFS	CR30	PFS
Supplementary arm(s)*	R ² only and epcoritamab + R ² without maintenance	None	None	None
Patient population	Stage II to IV disease with at least one GELF high tumor burden criterion (any FLIPI)	Stage I to IV disease with at least 1 GELF high tumor burden criterion FLIPI 2-5	Stage II bulky or stage III/IV (any FLIPI)	Stage II bulky or stage III/IV (any FLIPI)
Planned enrollment	~1080 patients	~790 patients	~446 patients	~669 patients

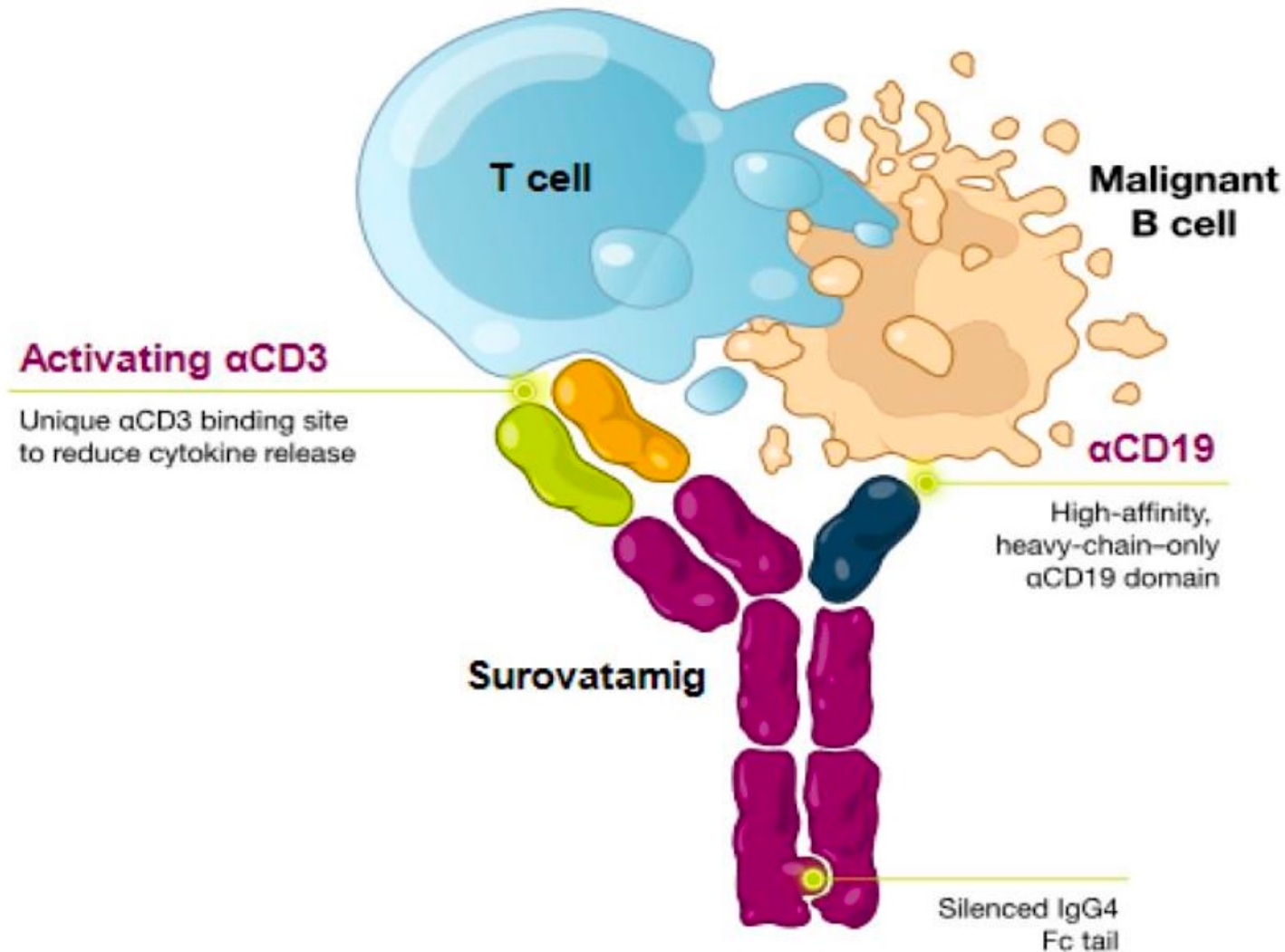
Phase III Front Line SWOG Trial in LOW Tumour Burden FL

1L low tumor burden FL trial design S2308



Surovatamig (formerly AZD0486)

Fully human CD19xCD3 bispecific T- cell engager



Three-year Follow-up of the Phase 1 First-in-Human Study Investigating Surovatamig, a Novel CD19xCD3 T-cell Engager, in Patients With Relapsed/Refractory (R/R) Follicular Lymphoma (FL)

Jing-Zhou Hou, MD, PhD,¹ Tae Min Kim, MD, PhD,² Seok-Goo Cho, MD, PhD,³ Sameh Gaballa, MD,⁴ Ranjit Nair, MD,⁵ Koji Izutsu, MD, PhD,⁶ Sumana Devata, MD,⁷ Dok Hyun Yoon, MD, PhD,⁸ Won Seog Kim, MD, PhD,⁹ Yazeed Sawalha, MD,¹⁰ Ryan Jacobs, MD,¹¹ Eliza Hawkes, MD,¹² Ming-Chung Wang, MD,¹³ Constantine S. Tam, MD, MBBS,¹⁴ Don Stevens, MD,¹⁵

Phase 1 Study of Surovatamig: FL C1

Phase 1 Study of Surovatamig: FL Cohort

Phase 1 Study of Surovatamig

Key Eligibility Criteria

- Adults with R/R B-NHL
- CD19+ by flow cytometry or IHC
- ≥2 prior lines of therapy
- ≥1 measurable lesion
- No active CNS disease
- No leukemic presentation
- ECOG PS ≤2
- Prior anti-CD19 therapies, CAR T-cells, and anti-CD20 TCE allowed

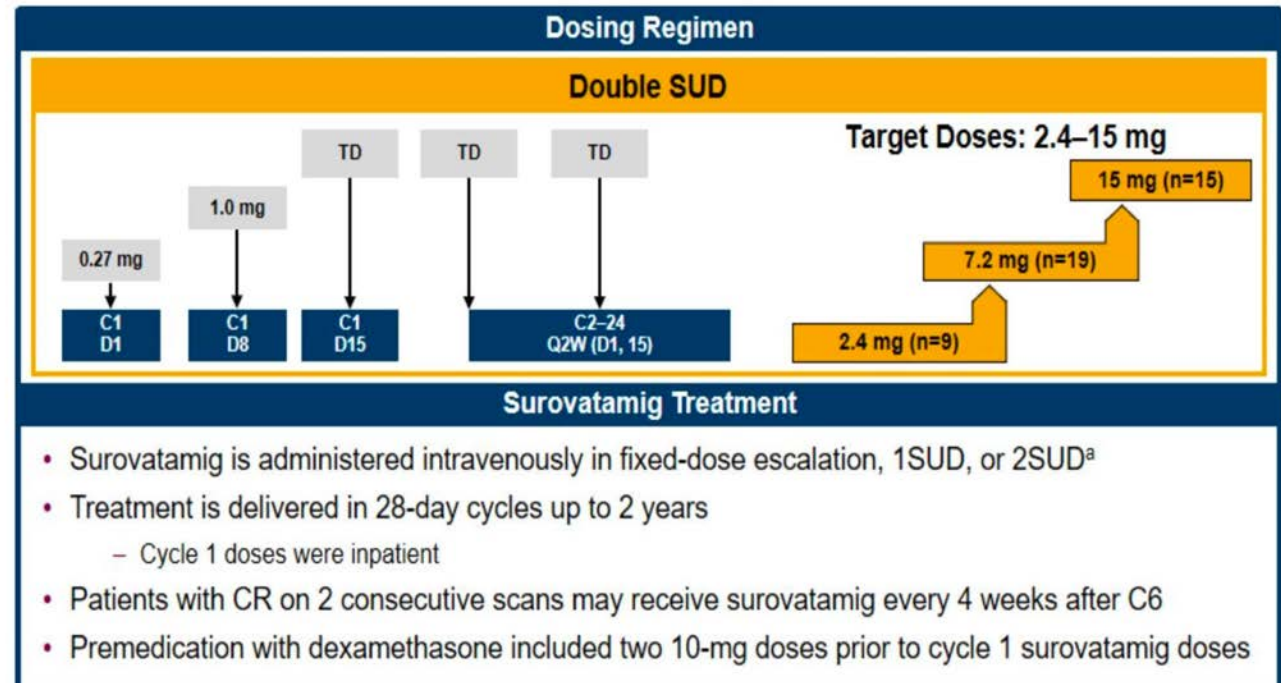
Assessments

- Disease response: RECIL using PET-CT by ICR¹
- CRS and ICANS: ASTCT criteria²
- AEs: CTCAE v5.0
- MRD: PhasED-Seq CLARITY assay in plasma ctDNA (approximately <1 part/million detection limit)

Endpoints

- | Primary | Secondary |
|---------------------|--------------------|
| Safety/tolerability | Antitumor activity |
| MTD/RP2D | |
| PK | |

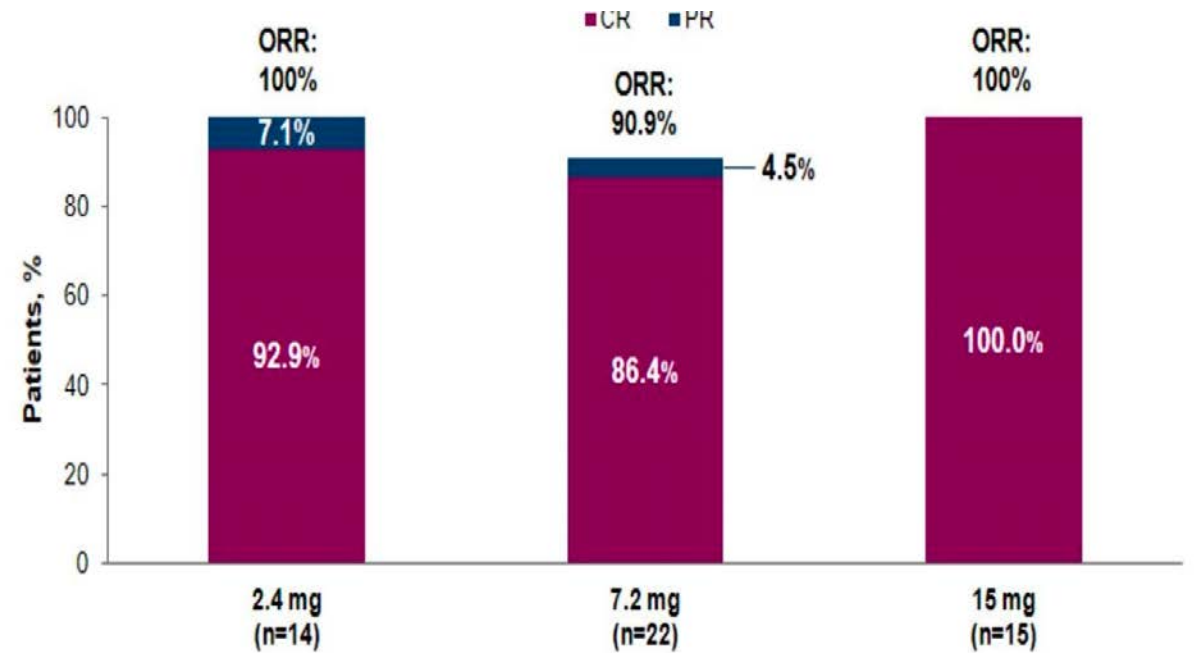
Surovatamig Phase 1 Study Design



Three-year Follow-up of the Phase 1 Surovatamig in R/R FL

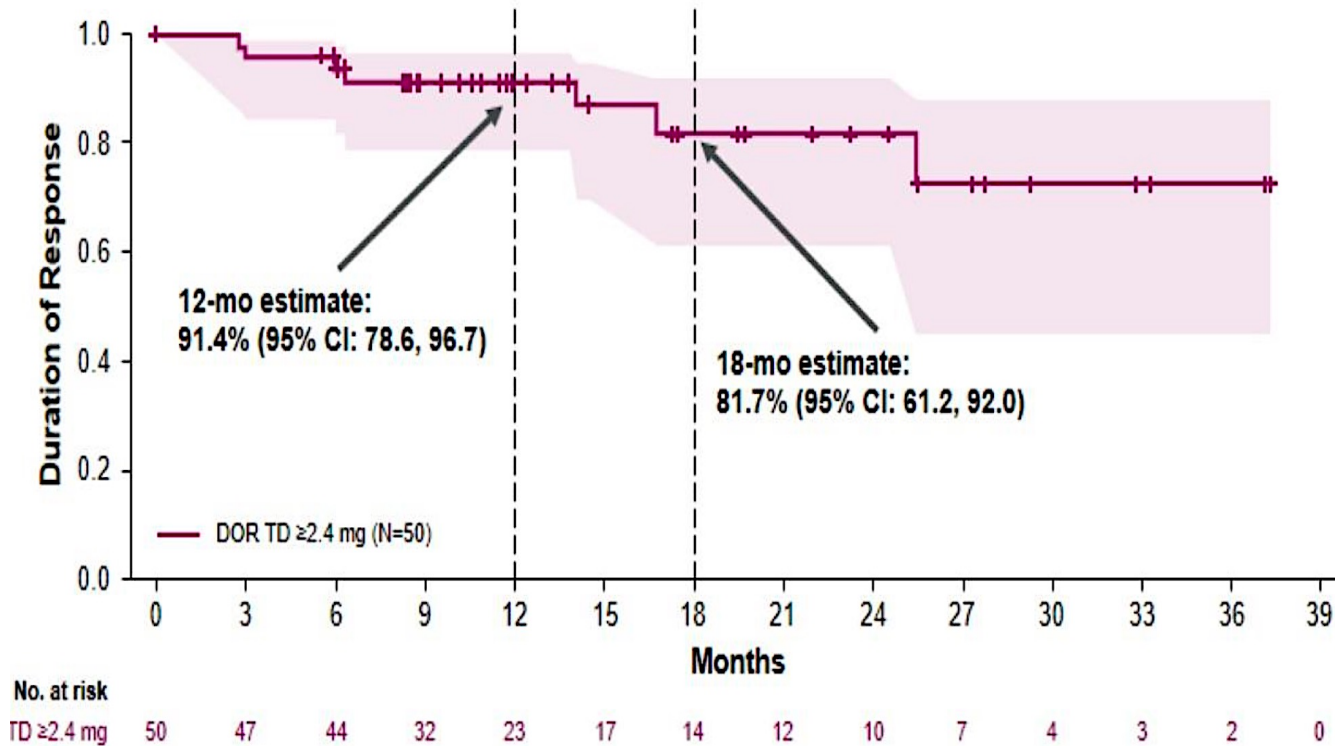
Characteristic	N=61 ^a
Age, median (range), y	63 (33–86)
ECOG PS 2, n (%)	2 (3)
Ann Arbor stage III–IV, n (%)	49 (80)
CD20-negative disease at study entry, n (%)	10 (16)
Bulky disease, ^b n (%)	13 (21)
POD24, n (%)	22 (36)
Median prior lines of therapy (range)	3 (2–11)
3–4 lines, n (%)	27 (44)
≥5 lines, n (%)	9 (15)
Refractory to last line of therapy, ^c n (%)	32 (52)
Prior types of treatment, n (%)	
R-CHOP	37 (61)
Lenalidomide	26 (43)
CD19-directed CAR T	7 (11)
CD20 TCE	5 (8)
Allogeneic or autologous SCT	3 (5)

Median study follow-up for TDs ≥ 2.4 mg – 16 months (1-40)



ORR/CR rate for patients who received ≥ 2.4 mg was 96%/92%

Three-year Follow-up of the Phase 1 Surovatamig in R/R FL



Safety

Infections occurred in 43 (70%) patients- URIs/Covid-19 grade 3/4: n=8 [13%]; grade 5: n=2

All CRS (51%) and ICANS (5%) events were low grade with 2SUD Resolution of CRS/ICANS in all.

All 8 patients with prior CD20 TCE therapy and/or CD19 CAR T who achieved CR with surovatamig remain in CR

All 11 patients who completed surovatamig treatment remain in CR off treatment

Median PFS Not Reached

Phase III SOUNDTRACK-F1 study

Global, Randomized, Phase 3, Multicenter, Open-label Study of Surovatamig Plus Rituximab in Patients With Previously Untreated High Tumor Burden FL

SOUNDTRACK-F1 Consists of a SRI Followed by a Phase 3 Portion

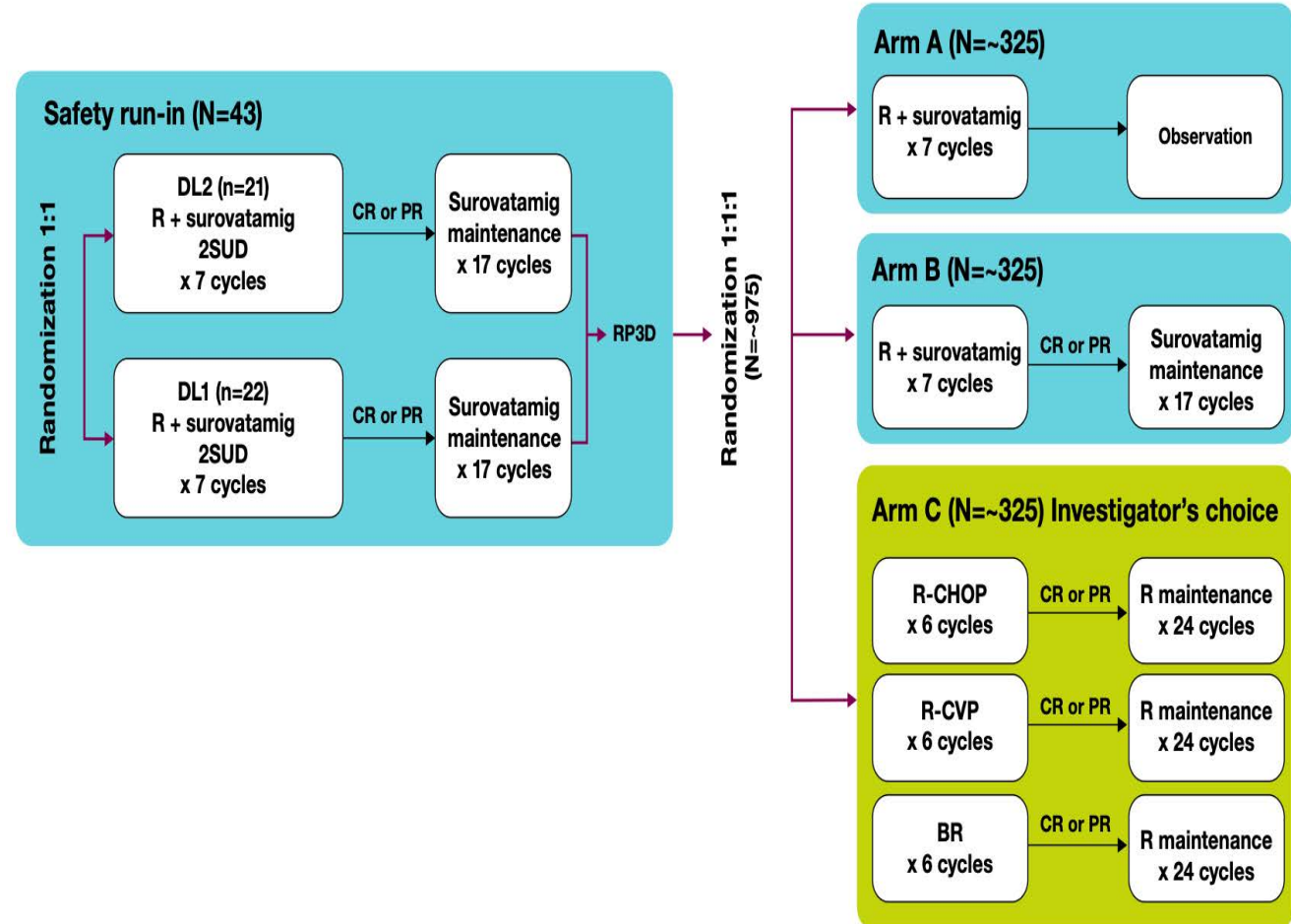


Study Design

- The SRI will identify the RP3D of surovatamig in combination with rituximab (**Figure 3**)
 - Dose 1:** surovatamig 2.4 mg (monotherapy RP2D minus 1 dose level for R/R FL)
 - Dose 2:** surovatamig 7.2 mg (monotherapy RP2D for R/R FL)
- The phase 3 portion consists of 3 randomization arms (**Figure 3**); patients will be randomized 1:1:1 to:
 - Arm A:** surovatamig + rituximab without maintenance therapy
 - Arm B:** surovatamig + rituximab with maintenance therapy
 - Arm C:** rituximab-based CIT^a with rituximab maintenance therapy

Phase 3 Study Endpoints

- Dual primary:** PFS; ORR at EOI
- Key secondary:** OS



Fifth Annual National General Medical Oncology Summit

Keynote Session: Diffuse Large B-Cell Lymphoma and Follicular Lymphoma

Friday, April 24, 2026

Moderator

Neil Love, MD

Faculty

Manali Kamdar, MD, MBBS

Krish Patel, MD

Gilles Salles, MD, PhD

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Your feedback is very important to us.**

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