

Lymphom
Kompetenz
KOMPAKT



KML KONGRESSE

Expert:innen berichten zu
Lymphomen & Leukämien



Amy Sparwasser, Stock-Fotografie-ID: 1455291856

ASH 2025

ORLANDO | 06.-09. Dezember 2025



Prof. Dr. med. Kai Hübel
Uniklinik Köln

Folikuläre Lymphome (FL)

Offenlegung potentieller Interessenskonflikte

LymphomKompetenz KOMPAKT – ASH2025 wird in Kooperation mit acht unterstützenden Firmen durchgeführt.

Meine persönlichen Disclosures betreffen:

Anstellungsverhältnis, Führungsposition	Oberarzt, Uniklinik Köln
Beratungs-/ Gutachtertätigkeit	Roche, BMS, Incyte, Recordati, AbbVie, Novartis, Gilead, Miltenyi Biotec, BeOne, Sandoz
Besitz von Geschäftsanteilen, Aktien oder Fonds	entfällt
Patent, Urheberrecht, Verkaufslizenz	entfällt
Honorare	Amgen, Roche, Incyte, Recordati, Sandoz, Novartis, BeOne, AbbVie
Finanzierung wissenschaftlicher Untersuchungen	Roche, Gilead, Incyte
Andere finanzielle Beziehungen	entfällt
Immaterielle Interessenkonflikte	entfällt

Kapitel 1

Die neue Zweitlinie:
CD19-Antikörper oder Bispezifische?

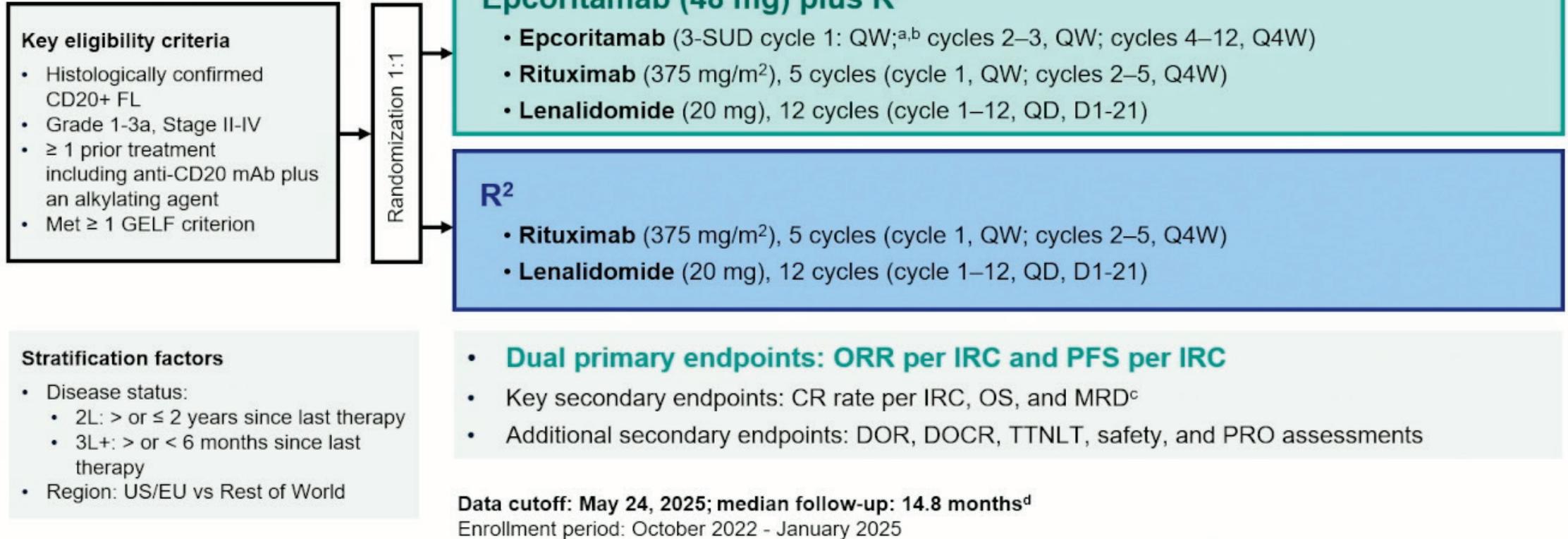
Primary Phase 3 Results from the EPCORE FL-1 Trial of Epcoritamab with Rituximab and Lenalidomide (R²) versus R² for Relapsed or Refractory Follicular Lymphoma

Presentation ID: 466

Lorenzo Falchi et al.

EPCORE FL-1: Studiendesign

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

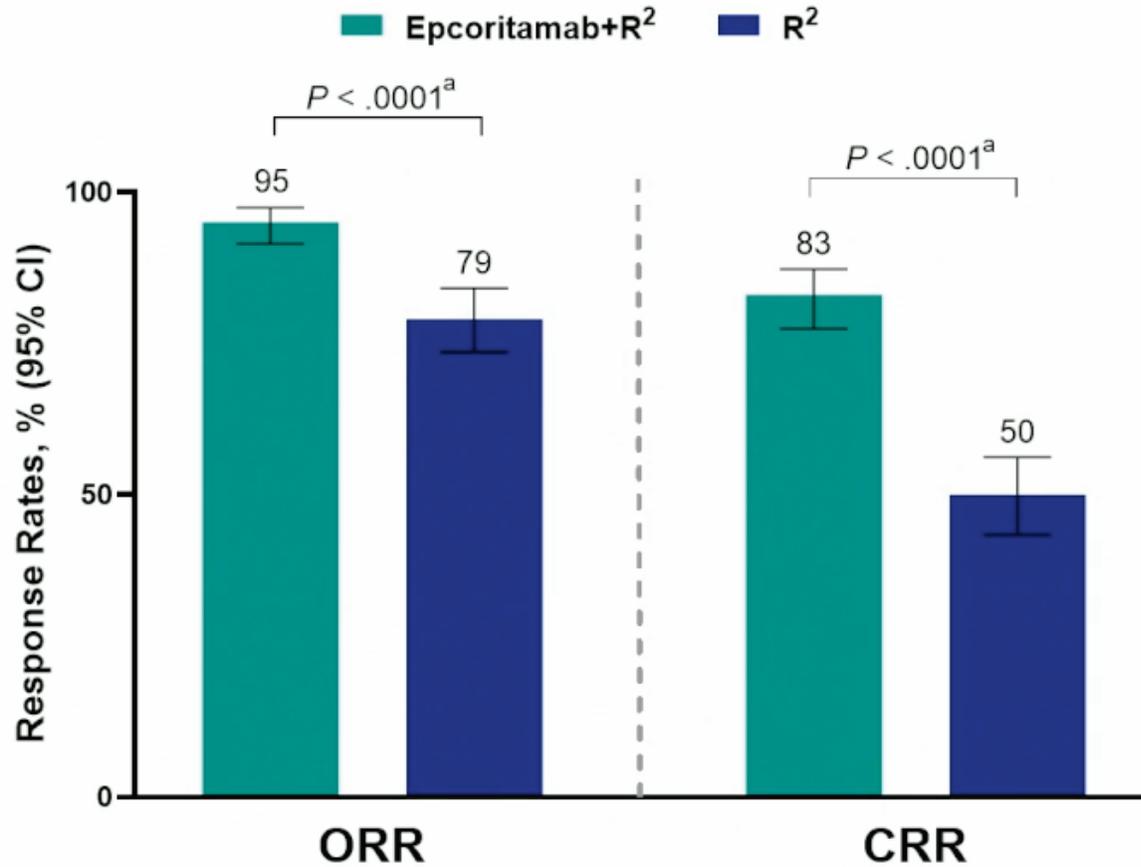


^aTwo step-up dosing (SUD) regimens during cycle 1 to mitigate the risk of cytokine release syndrome: either a 2-SUD (0.16 mg on cycle 1 day 1, 0.8 mg on cycle 1 day 8), or 3-SUD (0.16 mg on cycle 1 day 1, 0.8 mg on cycle 1 day 8, 3 mg on cycle 1 day 15) regimen, followed by full dose 48 mg. The 3-SUD 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.

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EPCORE FL-1: Therapieansprechen



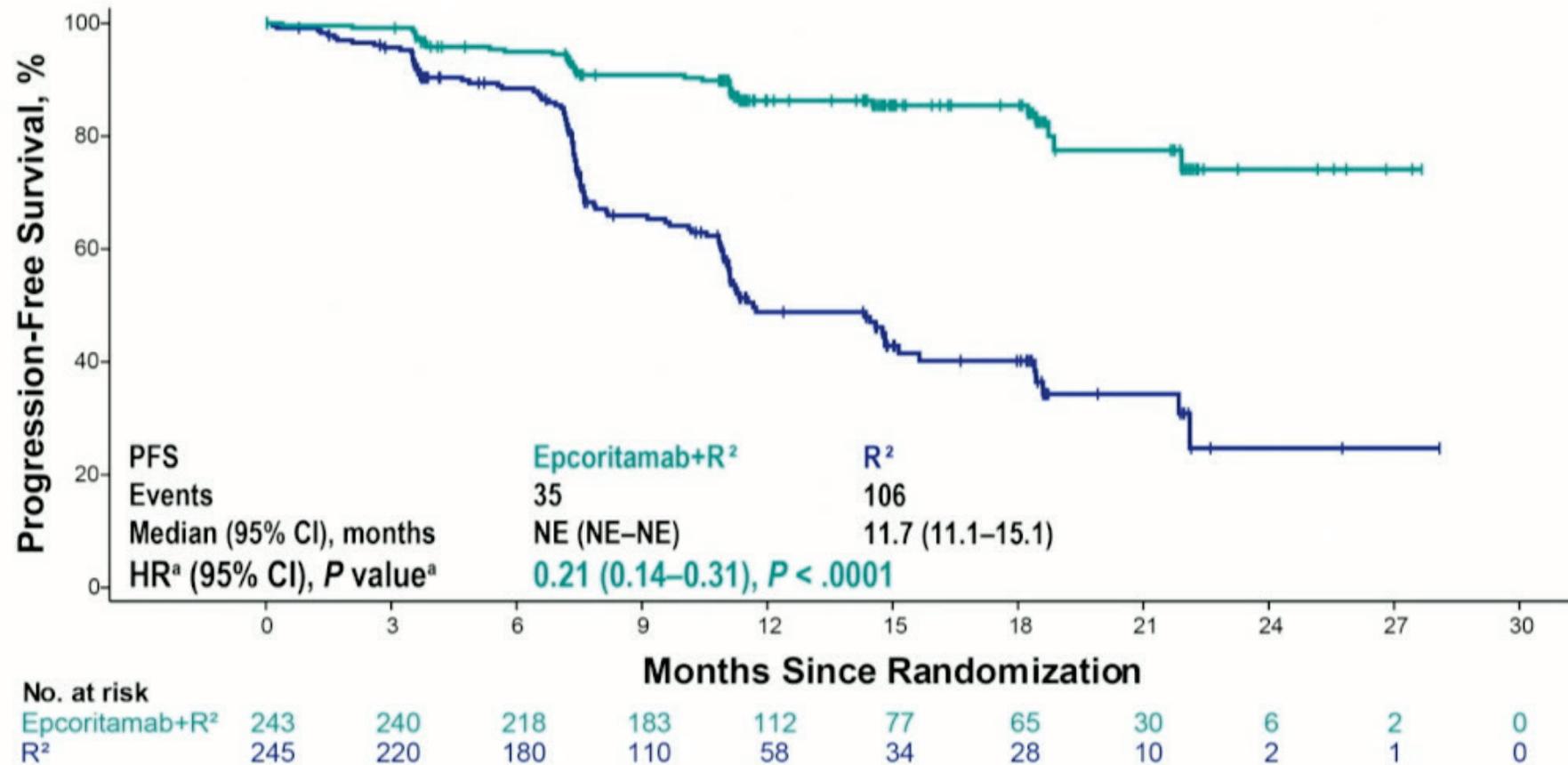
	Epcoritamab+R ² (N = 243)	R ² (N = 245)
ORR , n (%)	231 (95)	194 (79)
CRR , n (%)	201 (83)	122 (50)
PR, n (%)	30 (12)	72 (29)
SD, n (%)	1 (< 1)	17 (7)
PD, n (%)	7 (3)	16 (7)
NE, ^b n (%)	4 (2)	18 (7)

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.

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EPCORE FL-1: PFS

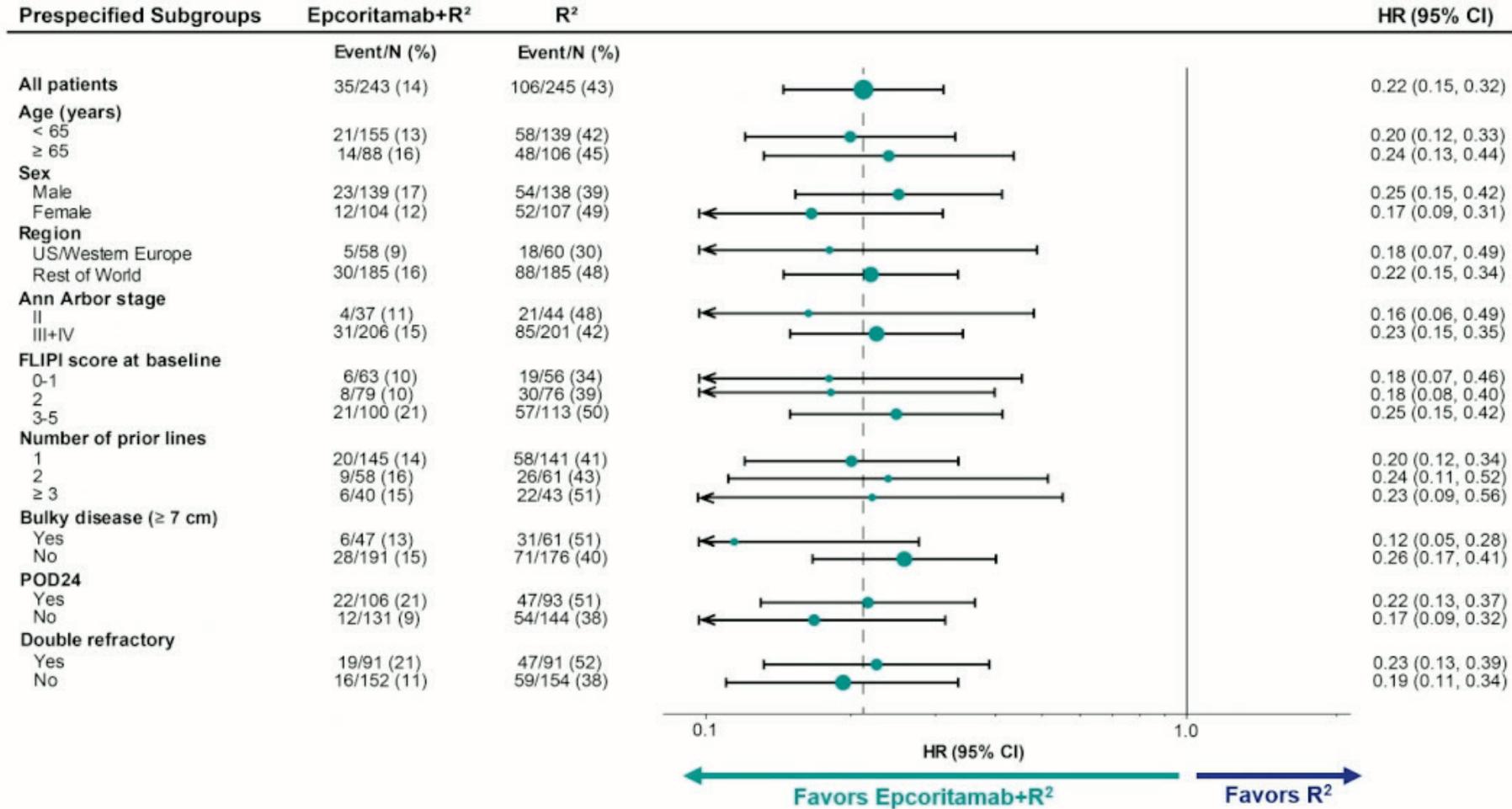


- Concordance rate was 94% for PFS between IRC and investigator assessment
- The estimated 16-month PFS was 85.5% (95% CI: 79.7, 89.7) for epcoritamab+R² and 40.2% (95% CI: 31.8, 48.4) for R²

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.

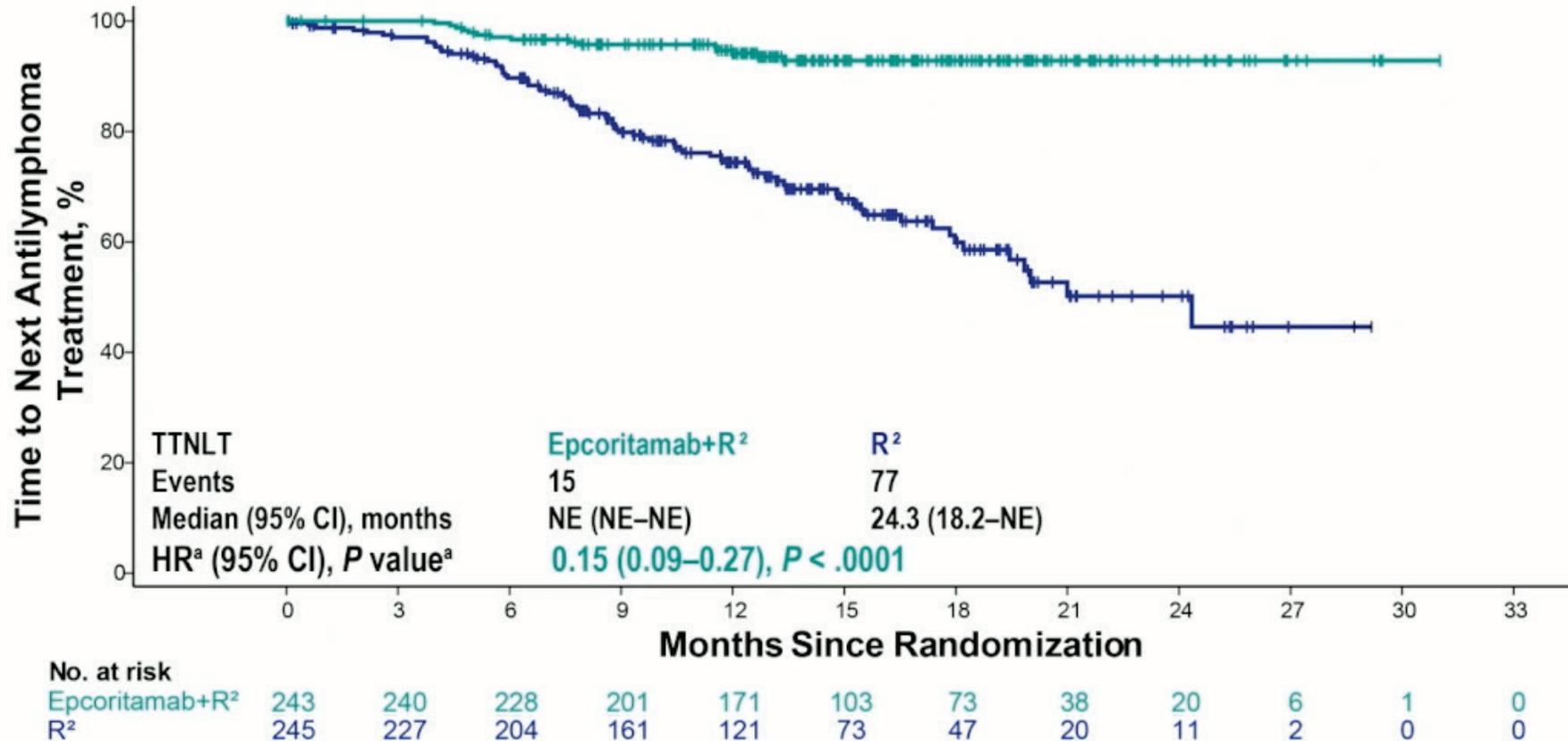
EPCORE FL-1: PFS in Subgruppen



- Trends in favor of epcoritamab+R² were shown for all prespecified subgroups and ORR, CR, and DOR endpoints

N represents the total number of patients within each category in each arm. Arrows indicate that the confidence interval is extended more than current range. 95% CI is by unstratified Cox proportional hazard model.

EPCORE FL-1: TTNT



- At 16 months, 92.8% of patients treated with epcoritamab+R² remained free from new antilymphoma treatment compared with 64.9% of patients treated with R²

Median follow-up for TTNT: epcoritamab+R² (14.6m), R² (14.1m). TTNT results are for descriptive purposes only.

^aNominal P value is based on stratified log-rank test. Hazard ratio is estimated using stratified Cox proportional hazards model.

EPCORE FL-1: Sicherheit

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)

- Neutropenia was manageable and few patients discontinued any study drug (epcoritamab+R², 3%; R², 2%)
 - Incidence of febrile neutropenia: epcoritamab+R², 6%; R², 3%
- Infections were manageable and few patients discontinued any study drug (epcoritamab+R², 6%; R², 1%)
- Fatal adverse events were rare (epcoritamab+R², 2%; R², 4%)
- Despite higher rates of AEs in the epcoritamab+R² arm, most patients completed the prescribed regimen (median relative dose intensity ≥ 90% for epcoritamab+R²)

^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.

Tafasitamab plus Lenalidomide and Rituximab for Relapsed and Refractory Follicular Lymphoma: Results from a Phase 3 Study (inMIND)

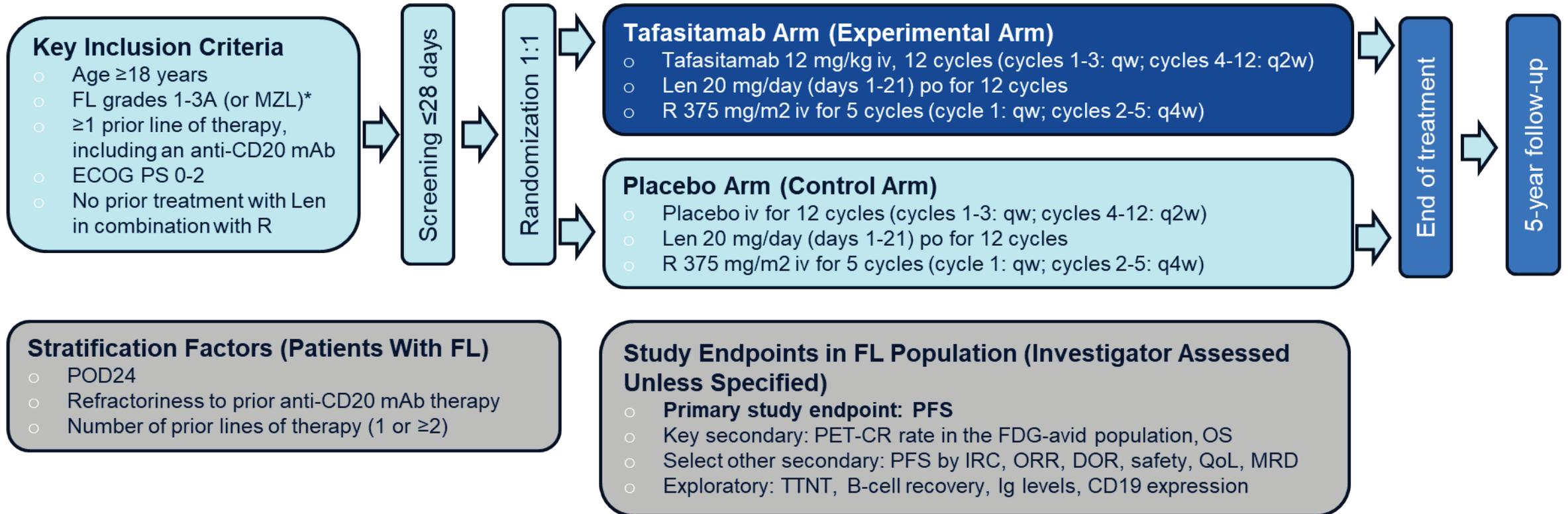
Presentation ID: 5367, 3582, 1819

Kai Hübel et al.

Christina Poh et al.

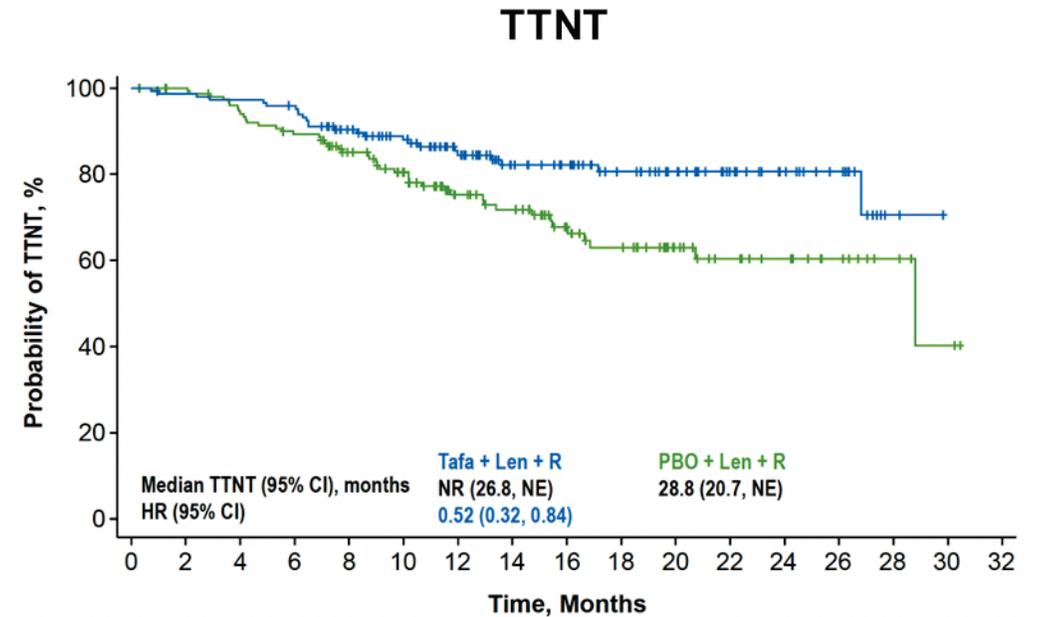
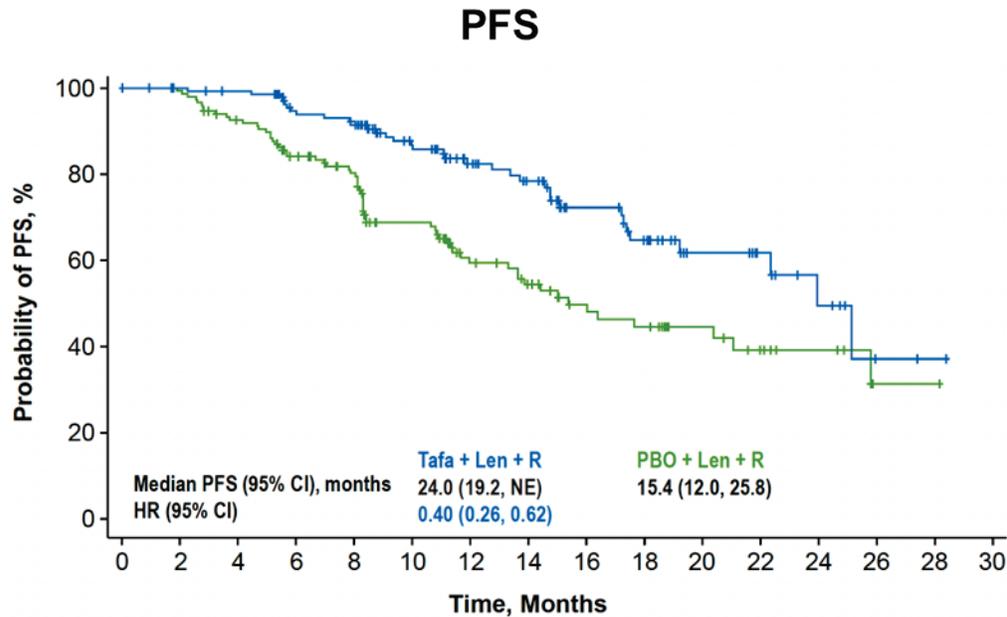
Ajay Gopal et al.

inMIND: Studiendesgin



- For the primary analysis, 174 investigator assessed progression-free survival events in the FL population were required to detect a HR of 0.65 with 80% power, using a 2-sided log-rank test at an alpha level of 5%
- Final analysis for overall survival is planned at 5 years of follow-up

inMIND: PFS und TTNT in der zweiten Therapielinie (n=300)



No. at Risk

Tafa + len + R	147	140	137	117	113	90	65	57	40	32	18	12	7	2	1	0
PBO + len + R	153	148	133	113	102	74	50	42	29	26	17	12	8	2	2	0

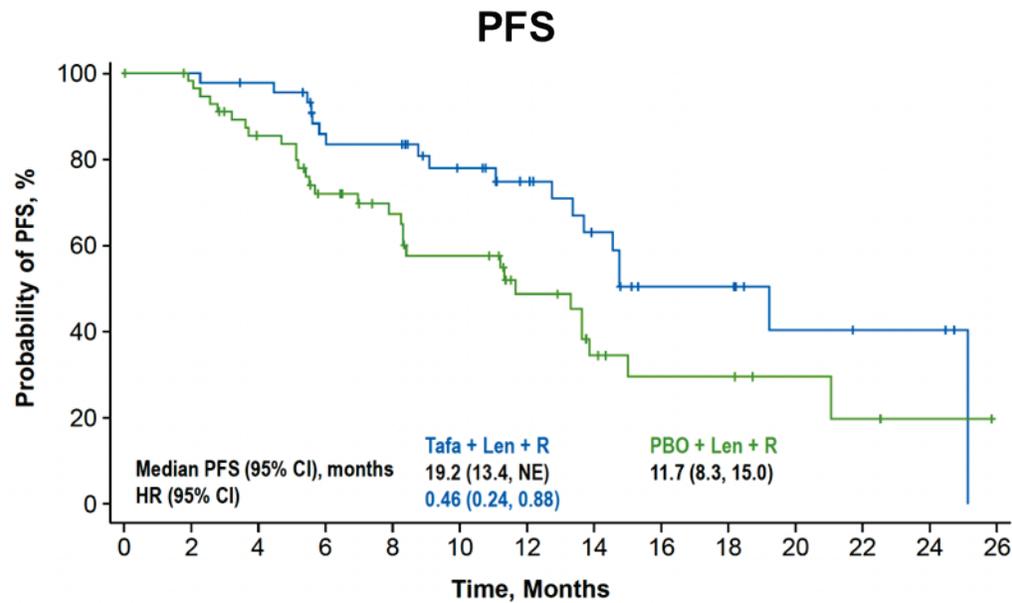
No. at Risk

Tafa + len + R	147	144	142	139	122	108	87	68	60	49	39	27	20	14	2	0	
PBO + len + R	153	150	141	132	116	100	70	61	46	38	27	19	15	10	5	2	0

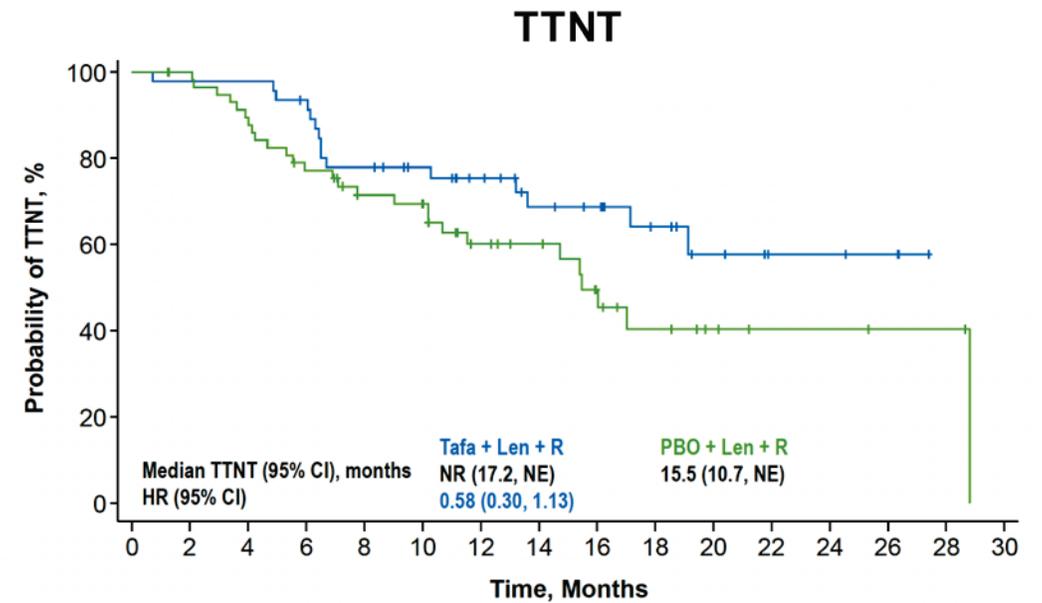
ITT population. Analysis by investigator assessment.

2L, second-line; CI, confidence interval; FL, follicular lymphoma; HR, hazard ratio; ITT, intention-to-treat; len, lenalidomide; NE, not evaluable; NR, not reached; PBO, placebo; PFS, progression-free survival; R, rituximab; tafa, tafasitamab; TTNT, time to next treatment.

inMIND: PFS und TTNT bei POD24-Patienten in der zweiten Therapielinie (n=105)



No. at Risk	0	2	4	6	8	10	12	14	16	18	20	22	24	26
Tafa + len + R	46	45	43	35	34	27	21	15	9	9	4	3	3	0
PBO + len + R	59	55	45	34	28	23	15	9	6	6	3	2	1	0



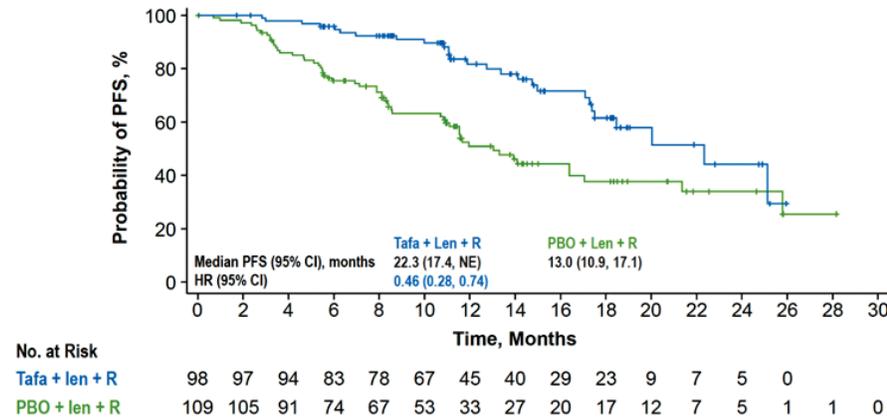
No. at Risk	0	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30
Tafa + len + R	46	45	45	42	35	31	26	20	18	13	8	5	5	4	0	0
PBO + len + R	59	57	51	43	35	33	22	19	12	8	5	3	3	2	2	0

ITT population. Analysis by investigator assessment.

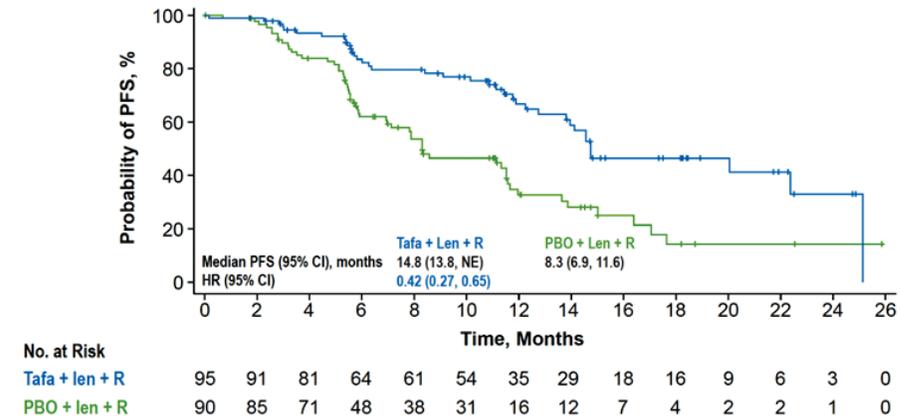
1L, first-line; 2L, second-line; CI, confidence interval; FL, follicular lymphoma; HR, hazard ratio; ITT, intention-to-treat; len, lenalidomide; NE, not evaluable; NR, not reached; PBO, placebo; PFS, progression-free survival; POD24, progression of disease within 24 months from the start of initial treatment; R, rituximab; tafa, tafasitamab; TTNT, time to next treatment..

inMIND: PFS in weiteren Risikogruppen (ab 2. Linie)

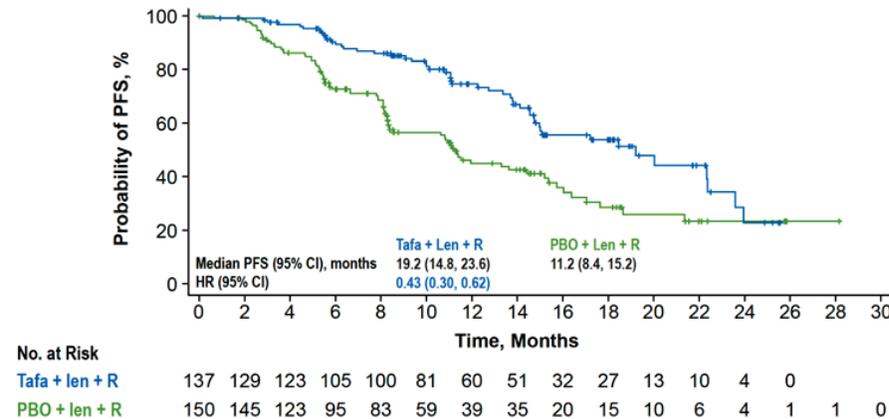
Bulky Disease



CIT Refractory



FLIPI Score 3-5

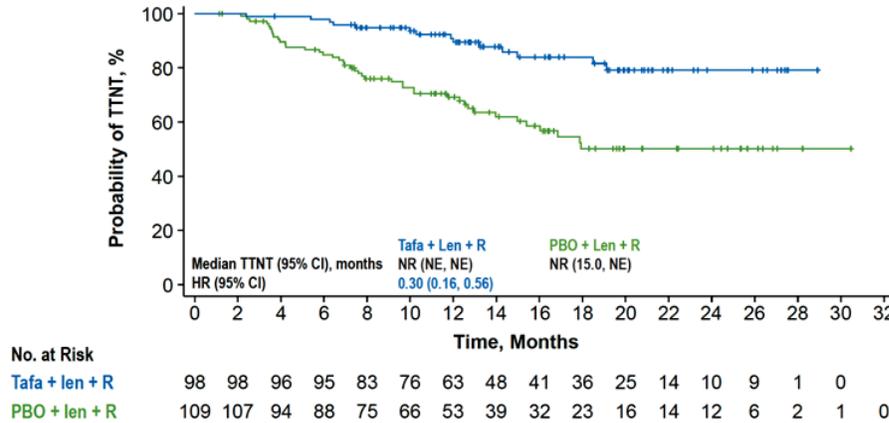


ITT population. Analysis by investigator assessment.

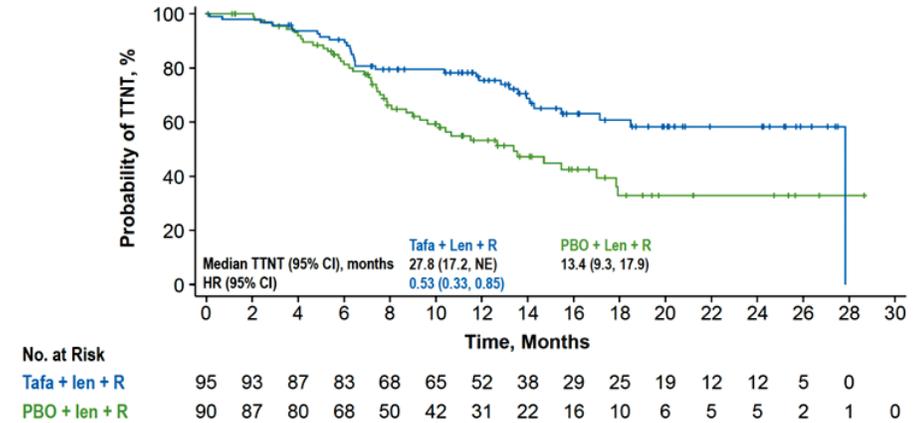
CI, confidence interval; CIT, chemoimmunotherapy; FLIPI, Follicular Lymphoma International Prognostic Index; HR, hazard ratio; ITT, intention-to-treat; len, lenalidomide; NE, not evaluable; NR, not reached; PBO, placebo; R, rituximab; tafa, tafasitamab; TTNT, time to next treatment.

inMIND: TTNT in weiteren Risikogruppen (ab 2. Linie)

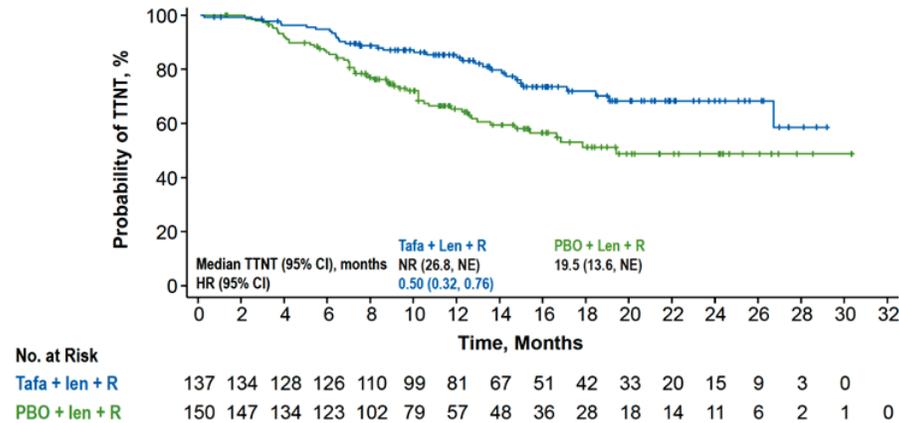
Bulky Disease



CIT Refractory



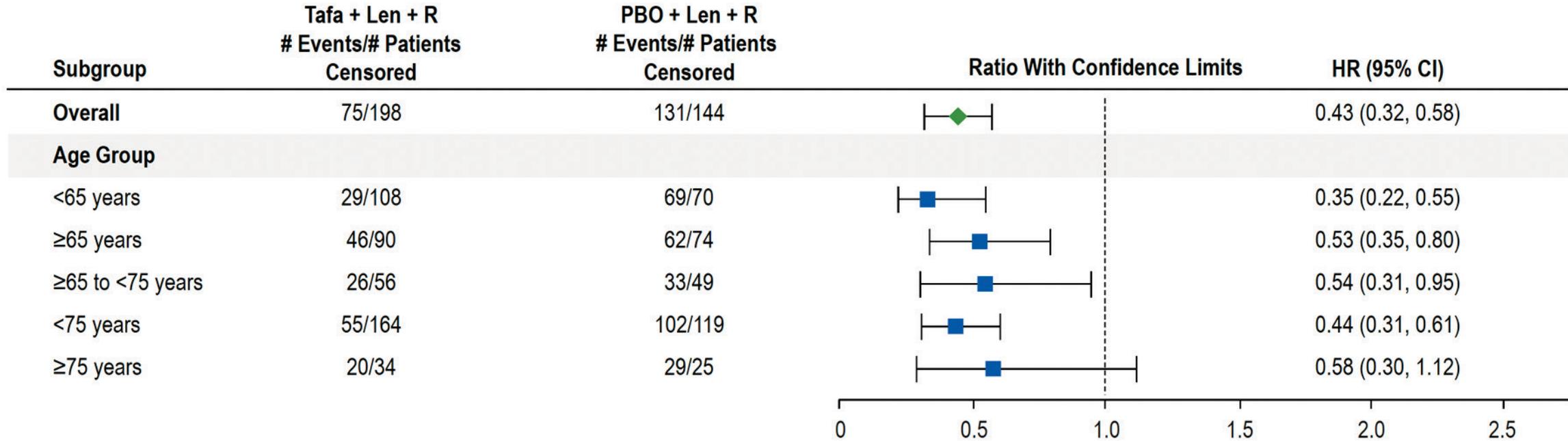
FLIPI Score 3-5



ITT population. Analysis by investigator assessment.

CI, confidence interval; CIT, chemoimmunotherapy; FLIPI, Follicular Lymphoma International Prognostic Index; HR, hazard ratio; ITT, intention-to-treat; len, lenalidomide; NE, not evaluable; NR, not reached; PBO, placebo; R, rituximab; tafa, tafasitamab; TTNT, time to next treatment.

inMIND: PFS in verschiedenen Altersgruppen



ITT population. Analysis by investigator assessment.

CI, confidence interval; HR, hazard ratio; ITT, intention-to-treat; len, lenalidomide; PBO, placebo; PFS, progression-free survival; R, rituximab; tafa, tafasitamab.

Kapitel 2

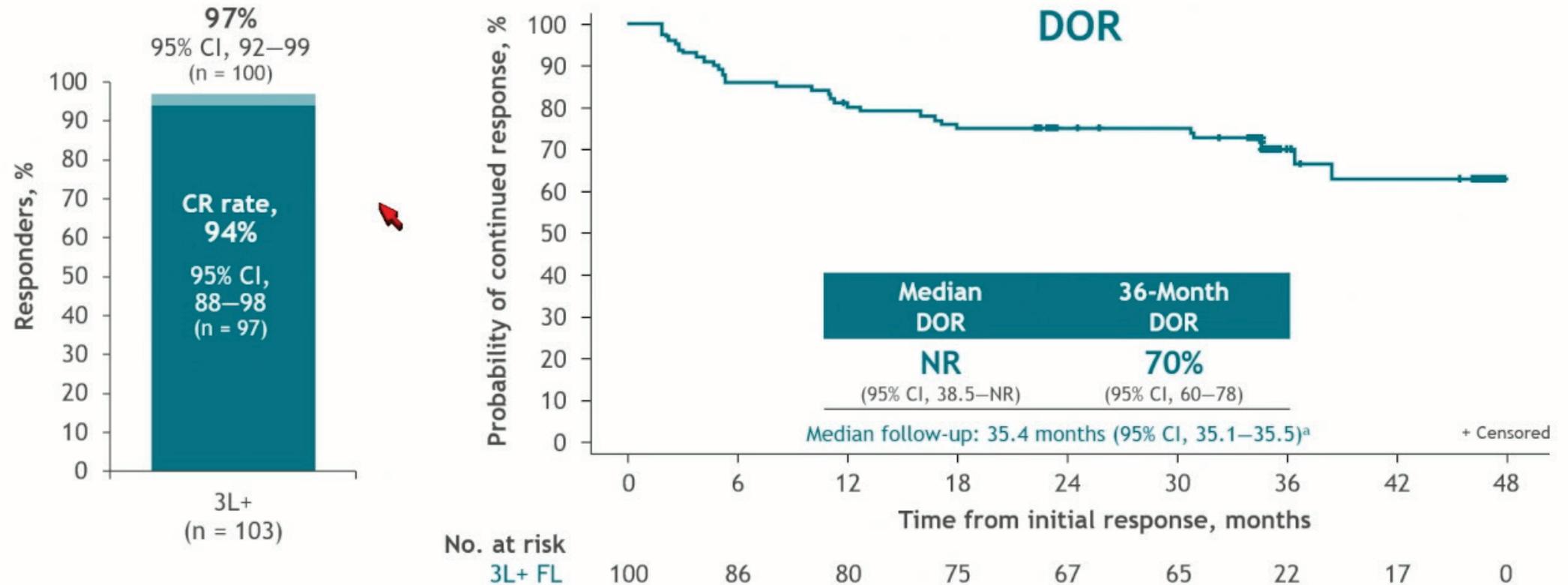
Langzeitdaten zu Behandlungen in der Drittlinie:
CARs und BTK-Inhibitoren

Three-Year Efficacy and Longitudinal Safety of Lisocabtagene Maraleucel (liso- cel) in Patients With Third-Line or later (3L+) Follicular Lymphoma (FL) from TRANSCEND FL

Presentation ID: 467

Sairah Ahmed et al.

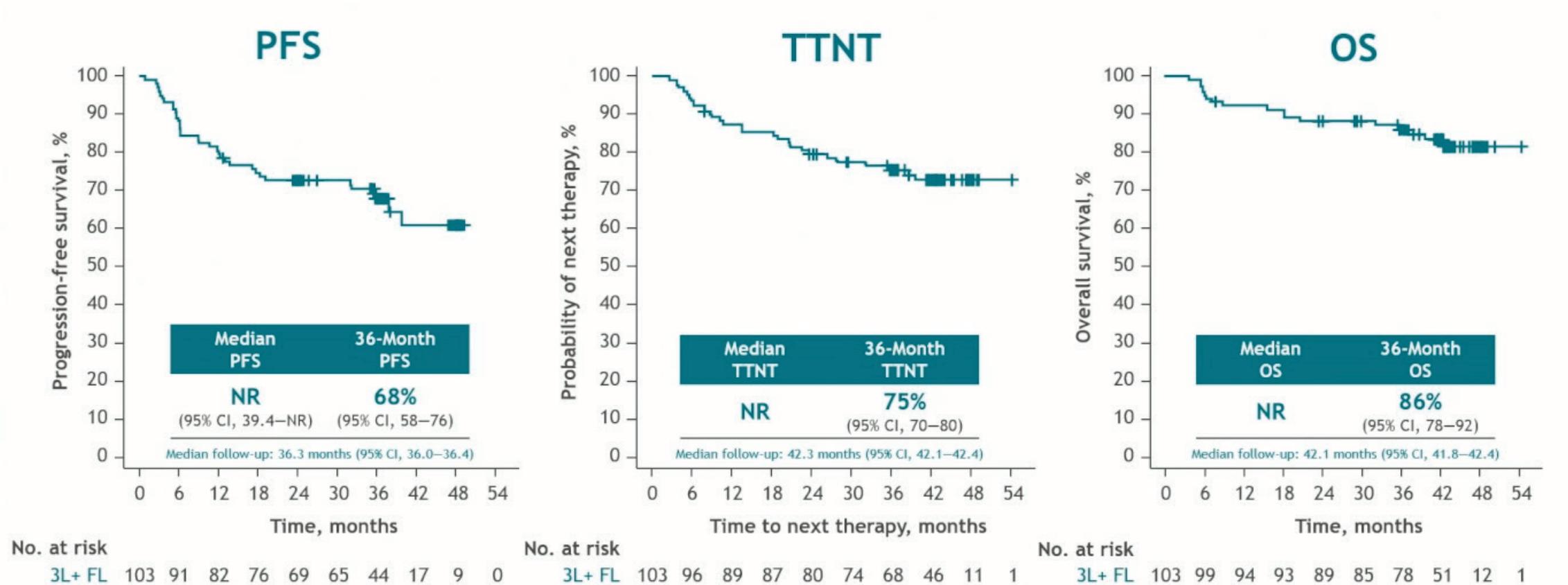
TRANSCEND FL: Ansprechen und DOR



- Median DOR continued to be **not reached** with longer follow-up, and 70% remained in response at 36 months

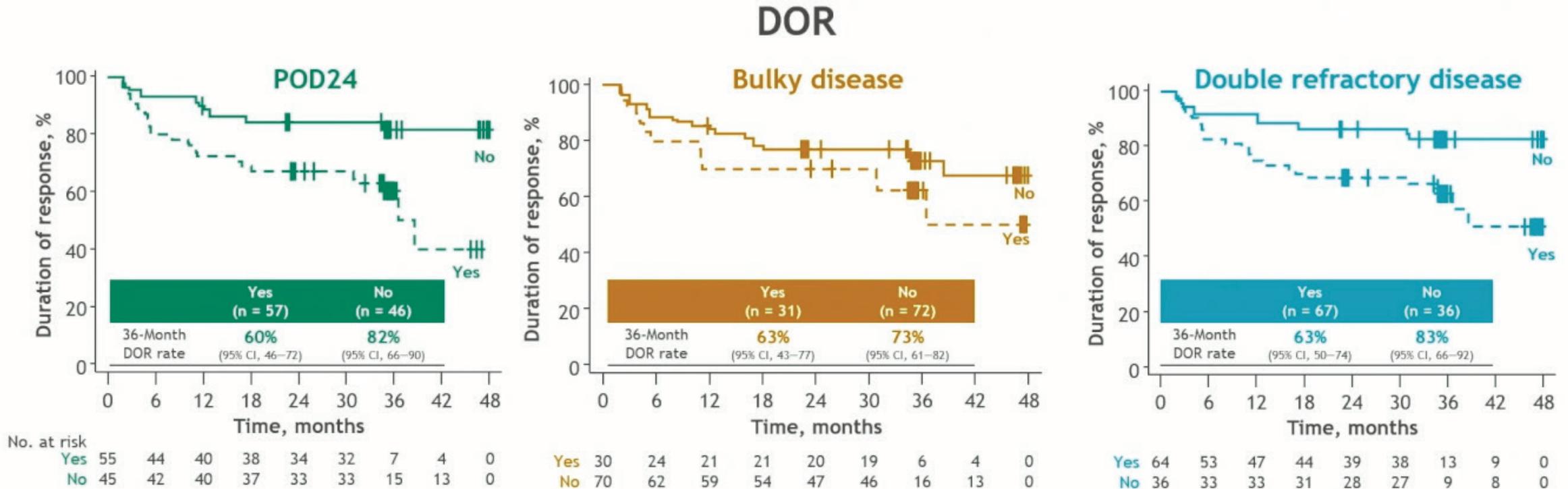
^aReverse KM method was used to obtain the median follow-up and 95% CI. NR, not reached.

TRANSCEND FL: PFS, TTNT und OS nach 36 Mo



- Median PFS, TTNT, and OS all continued to be **not reached** with longer follow-up

TRANSCEND FL: DOR und PFS bei Risikopatienten

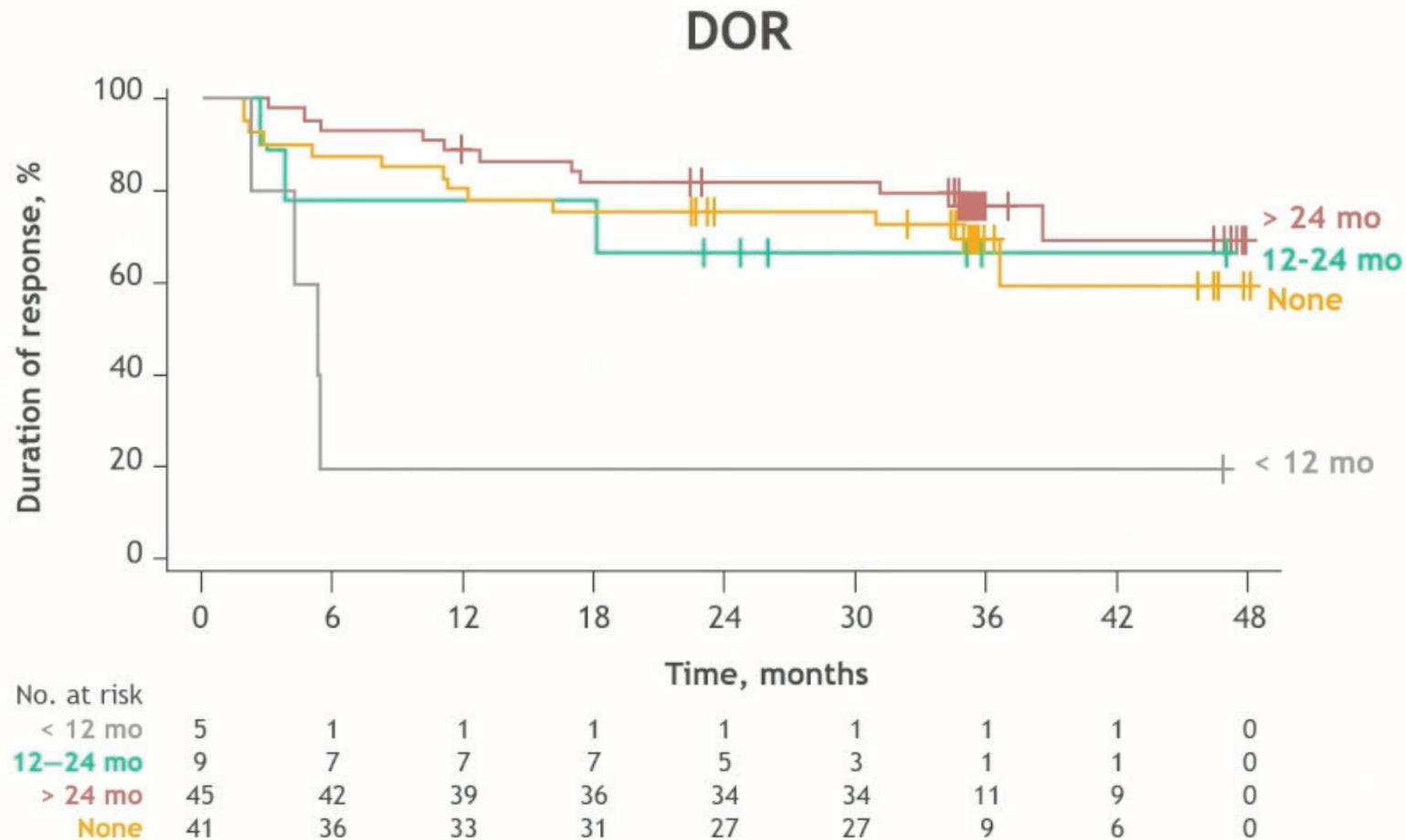


36-Month PFS rate

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%	80%	61%	71%	60%	83%
(95% CI, 43–70)	(95% CI, 65–89)	(95% CI, 41–75)	(95% CI, 58–80)	(95% CI, 47–71)	(95% CI, 66–92)

Median DOR was not reached across all these subgroups except patients with POD24 (38.5 months [95% CI, 31.0–NR]).

TRANSCEND FL: DOR nach Bendamustin-Vorbehandlung



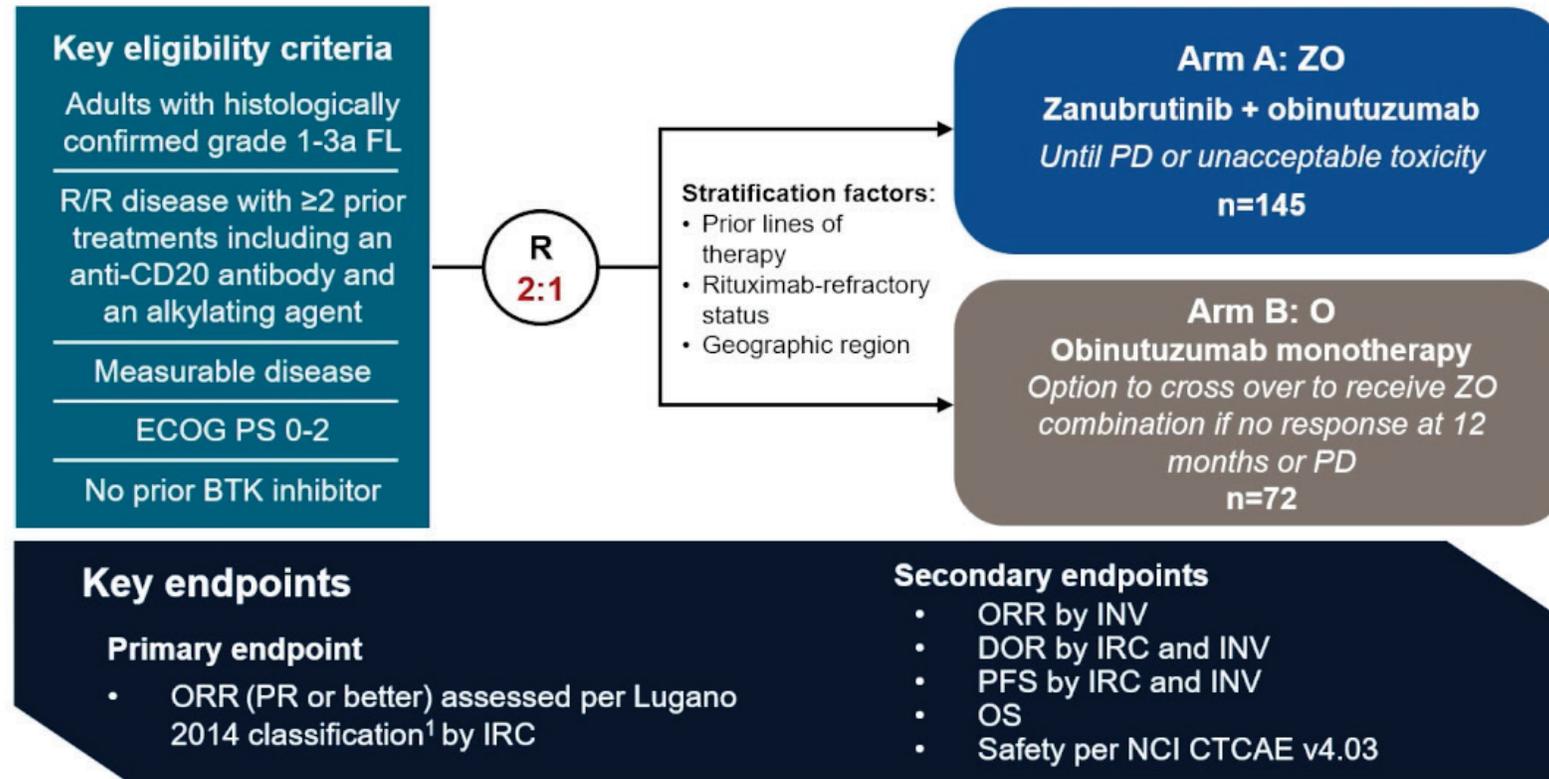
Median DOR was not reached across all these subgroups except patients with prior bendamustine < 12 months before leukapheresis (5.2 months [95% CI, 2.2–NR]).

Final Analysis of the Randomized Phase 2 ROSEWOOD Study of Zanubrutinib + Obinutuzumab vs Obinutuzumab Monotherapy in Patients with Relapsed/Refractory Follicular Lymphoma

Presentation ID: 227

Pier Luigi Zinzani et al.

ROSEWOOD: Studiendesign

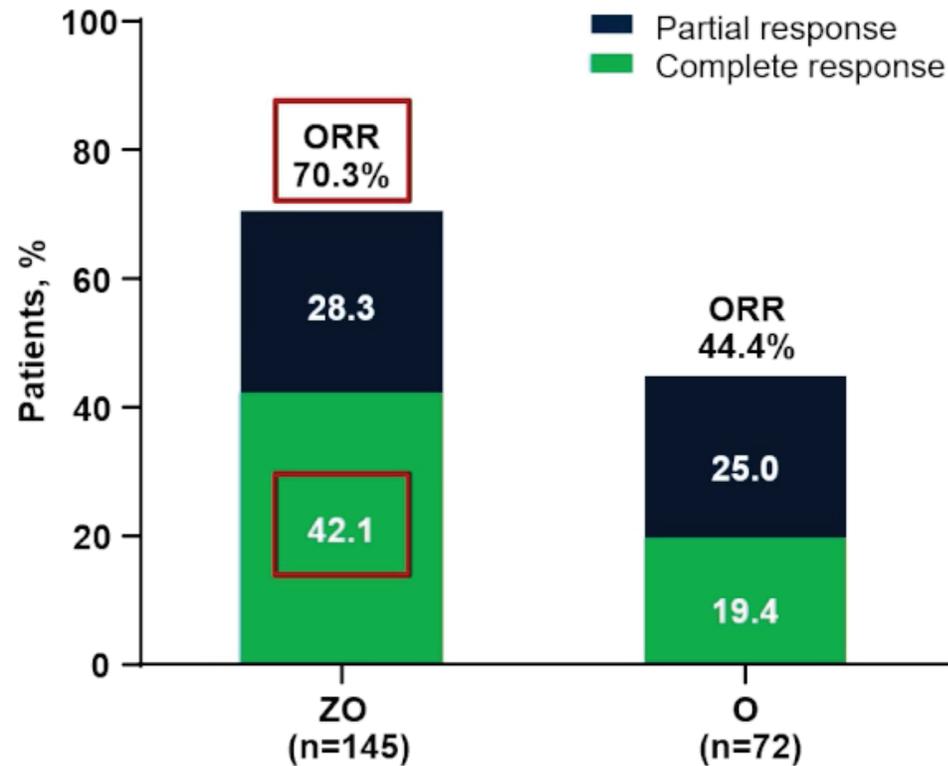


BTK, Bruton tyrosine kinase; CD, cluster of differentiation; DOR, duration of response; ECOG PS, Eastern Cooperative Oncology Group performance status; FL, follicular lymphoma; INV, investigator; IRC, independent review committee; NCI CTCAE, National Cancer Institute Common Terminology Criteria for Adverse Events; O, obinutuzumab; ORR, overall response rate; OS, overall survival; PD, progressive disease; PFS, progression-free survival; PR, partial response; R, randomized; R/R, relapsed/refractory; ZO, zanubrutinib + obinutuzumab.
1. Cheson BD, et al. *J Clin Oncol.* 2014;32(27):3059-3068.

3

Medianes Follow-up: 34,6 Mo

ROSEWOOD: Therapieansprechen



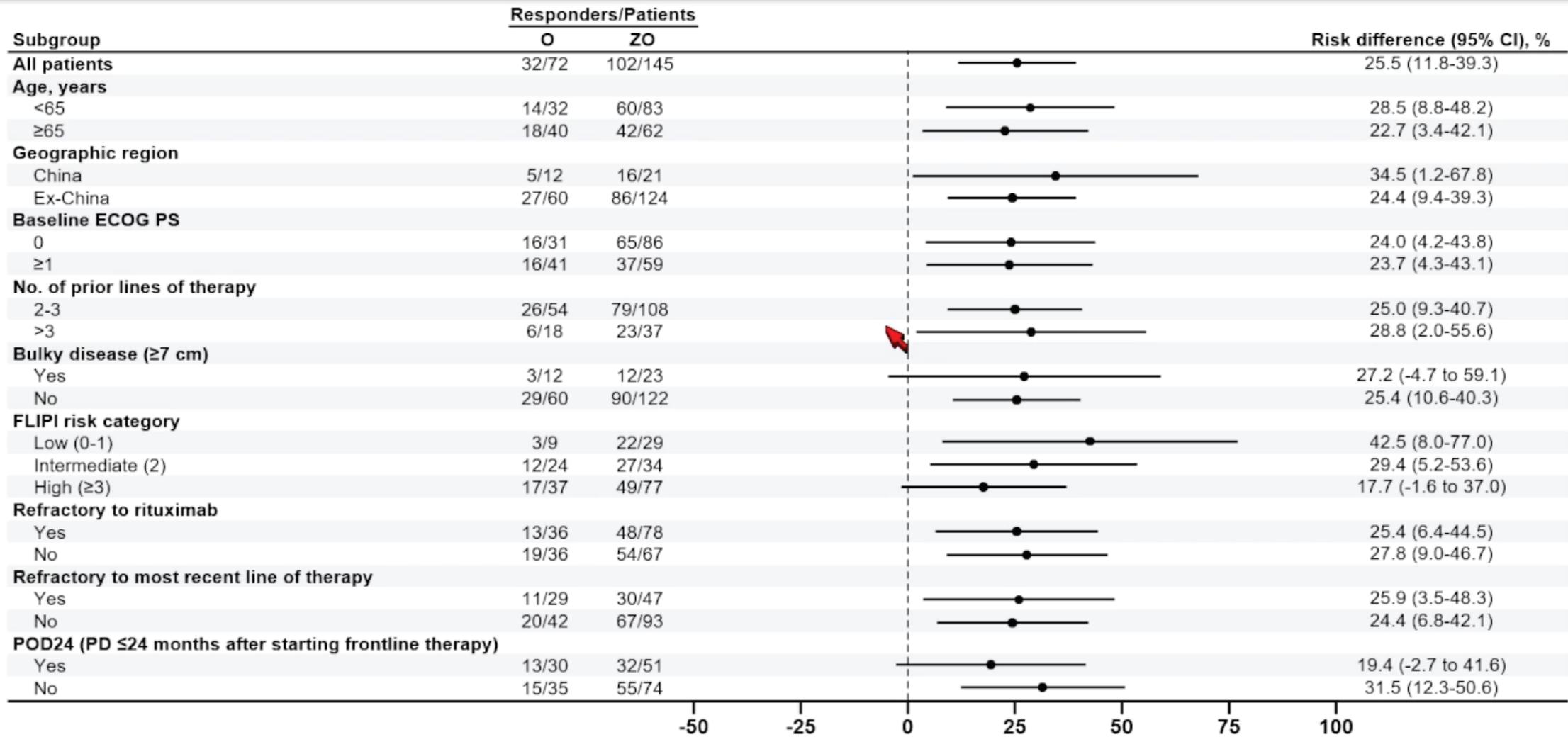
- ORRs per INV were similar to ORRs per IRC (ZO, 68.3%; O, 43.1%)

^aP value is descriptive. ^bDefined as PET assessment missing or not evaluable, and CT assessment showed no progressive disease.

CT, computed tomography; INV, investigator; IRC, independent review committee; O, obinutuzumab; ORR, overall response rate; PET, positron emission tomography; ZO, zanubrutinib + obinutuzumab.

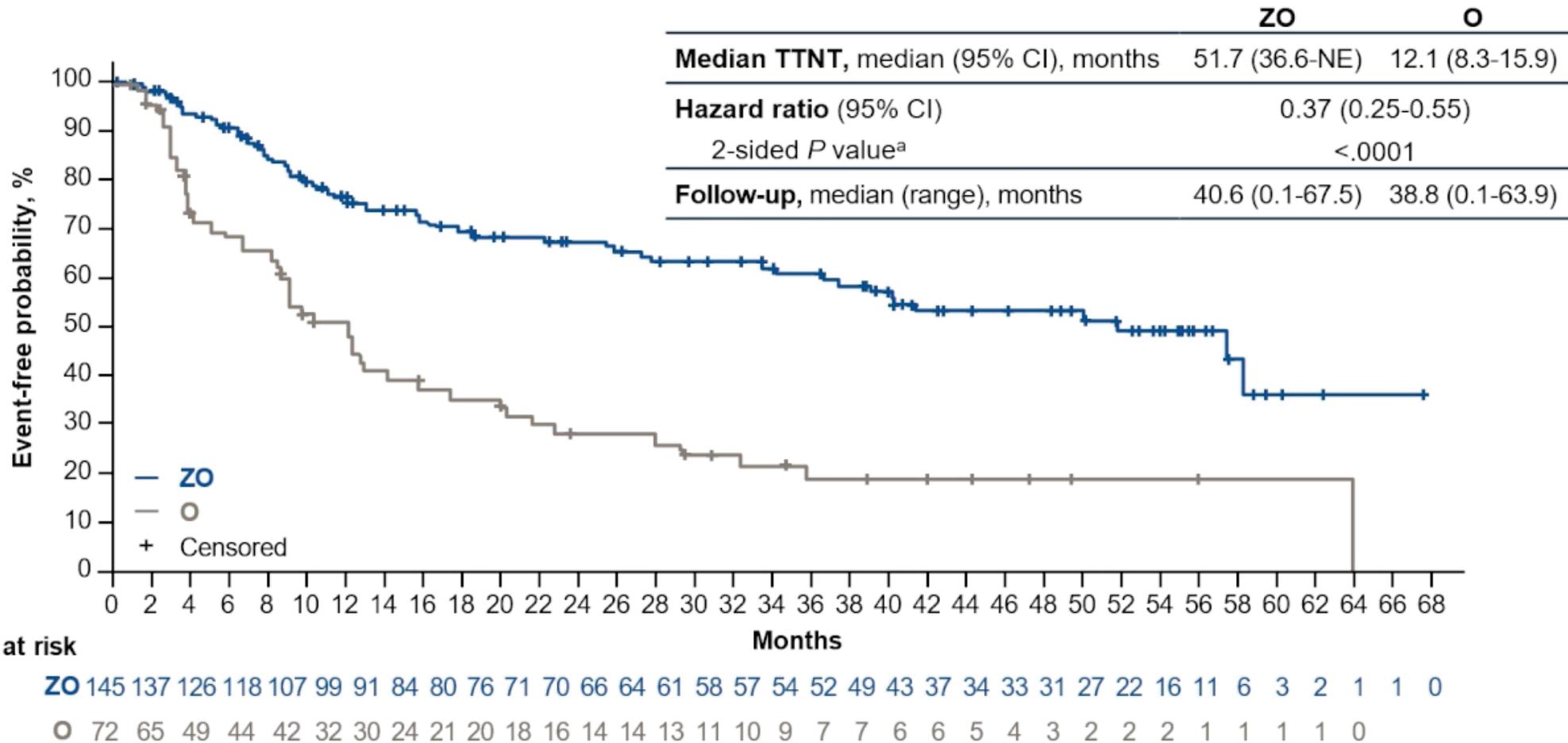
	ZO (n=145)	O (n=72)
Overall response rate, n (%)	102 (70.3)	32 (44.4)
95% CI	62.2-77.6	32.7-56.6
Risk difference (95% CI), %	25.5 (11.8-39.3)	
2-sided P value ^a	.0003	
Complete response rate, n (%)	61 (42.1)	14 (19.4)
95% CI	33.9-50.5	11.1-30.5
2-sided P value ^a	.0009	
Other responses, n (%)		
Stable disease	21 (14.5)	14 (19.4)
Indeterminate due to zanubrutinib hold	1 (0.7)	0
Non-progressive disease ^b	6 (4.1)	9 (12.5)
Progressive disease	13 (9.0)	16 (22.2)
Discontinued prior to first assessment/NE	2 (1.4)	1 (1.4)

ROSEWOOD: Therapieansprechen in Subgruppen



FLIPI, Follicular Lymphoma International Prognostic Index; O, obinutuzumab; PD, progressive disease; ZO, zanubrutinib + obinutuzumab.

ROSEWOOD: TTNT



^aP value is descriptive.

TTNT, time to new anticancer therapy or crossover; NE, not estimable; O, obinutuzumab; ZO, zanubrutinib + obinutuzumab.

ROSEWOOD: Sicherheit

- With a longer median duration of exposure (ZO, 12.4 months; O, 6.5 months), the incidence of TEAEs and treatment-related TEAEs was generally higher in the ZO arm vs the O arm

n (%)	ZO n=143	O n=71
Any TEAE	137 (95.8)	65 (91.5)
Any treatment-related TEAE	110 (76.9)	49 (69.0)
Grade ≥ 3	103 (72.0)	34 (47.9)
Treatment-related grade ≥ 3	62 (43.4)	19 (26.8)
Serious	75 (52.4)	22 (31.0)
Treatment-related serious	29 (20.3)	8 (11.3)
Leading to death	15 (10.5)	7 (9.9)
Treatment-related leading to death	2 (1.4)	1 (1.4)
Leading to treatment discontinuation	31 (21.7)	9 (12.7)
Treatment-related leading to treatment discontinuation	14 (9.8)	3 (4.2)

O, obinutuzumab; TEAE, treatment-emergent adverse event; ZO, zanubrutinib + obinutuzumab.

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Zusammenfassung | Take-Home-Messages

- Der CD3xCD20 bispezifische Antikörper Epcoritamab dokumentiert in der Kombination mit R² in einer randomisierten Studie eine Überlegenheit gegenüber einer Standard-Zweitlinientherapie.
- Die Kombination von Tafasitamab plus R² zeigt eine gute Effektivität auch in Risikogruppen und wird einen neuen Therapiestandard in der Zweitlinie des FL darstellen.
- Liso-Cel zeigt auch nach drei Jahren eine hervorragende Effektivität und Verträglichkeit.
- Die Langzeitdaten von Zanubrutinib und Obinutuzumab bestätigen die Kombination als wichtige Therapieoption ab der dritten Therapielinie des FL.

Die Kurzpräsentationen sind online unter

www.lymphome.de/ash2025

Für den Inhalt verantwortlich:

Prof. Dr. med. Kai Hübel

Uniklinik Köln



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abbvie

AMGEN

AstraZeneca 

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