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# Das diffuse großzellige B-Zell-Lymphom (DLBCL): Aktuelle Therapiestrategien

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# Disclosures

Advisory role or expert testimony:

Takeda Oncology, Bristol-Myers Squibb, Merck Sharp & Dohme, Roche, Novartis, Amgen

Honoraria:

Takeda Oncology, Novartis, Bristol-Myers Squibb, Roche, Merck Sharp & Dohme, Kite-Gilead, Incyte

Scientific research support:

Takeda Oncology, MPI, Roche, Novartis, Merck Sharp & Dohme, Amgen

# Das diffuse großzellige B-Zell-Lymphom (DLBCL): Aktuelle Therapiestrategien

1. Erstlinie
2. Zweitlinie
3. Nach der Zweitlinie
4. Perspektiven

# Summary of the „German perspective“ (former DSHNHL, today GLA)

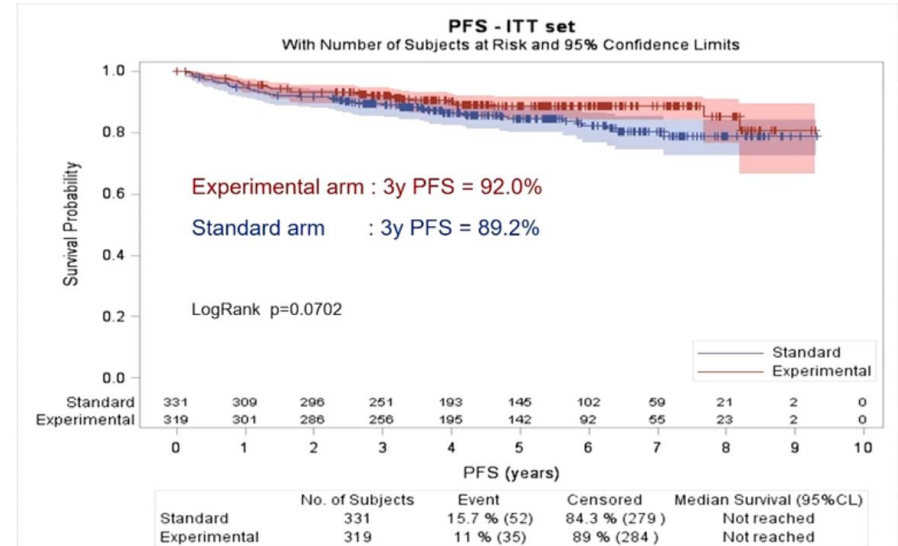
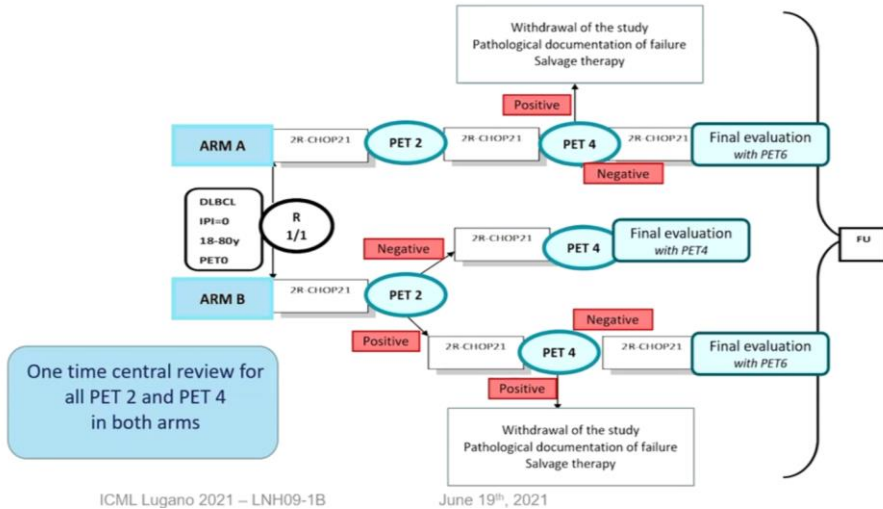
	Young (< 60y)	Old (> 60y)
Low risk (IPI 0, no Bulk)	FLYER: SOC 4x Std R-CHOP-21	IPI 1 SOC 6x R-CHOP-14/21
Intermediate (Bulk and/or IPI 1)	“Unfolder” SOC R-CHOP-21 or R-ACVBP ?	R-CHOP-14/21 or SOC Pola-R-CHP  PET-guided radiotherapy of PET+ residual disease
High risk (IPI 2 oder 3)	8x R-CHOEP-14 or SOC Pola-R-CHP 21?	

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	Young (< 60y)	Old (> 60y)
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High risk (IPI 2 oder 3)	8x R-CHOEP-14 or SOC Pola-R-CHP 21?	PET-guided radiotherapy of PET+ residual disease

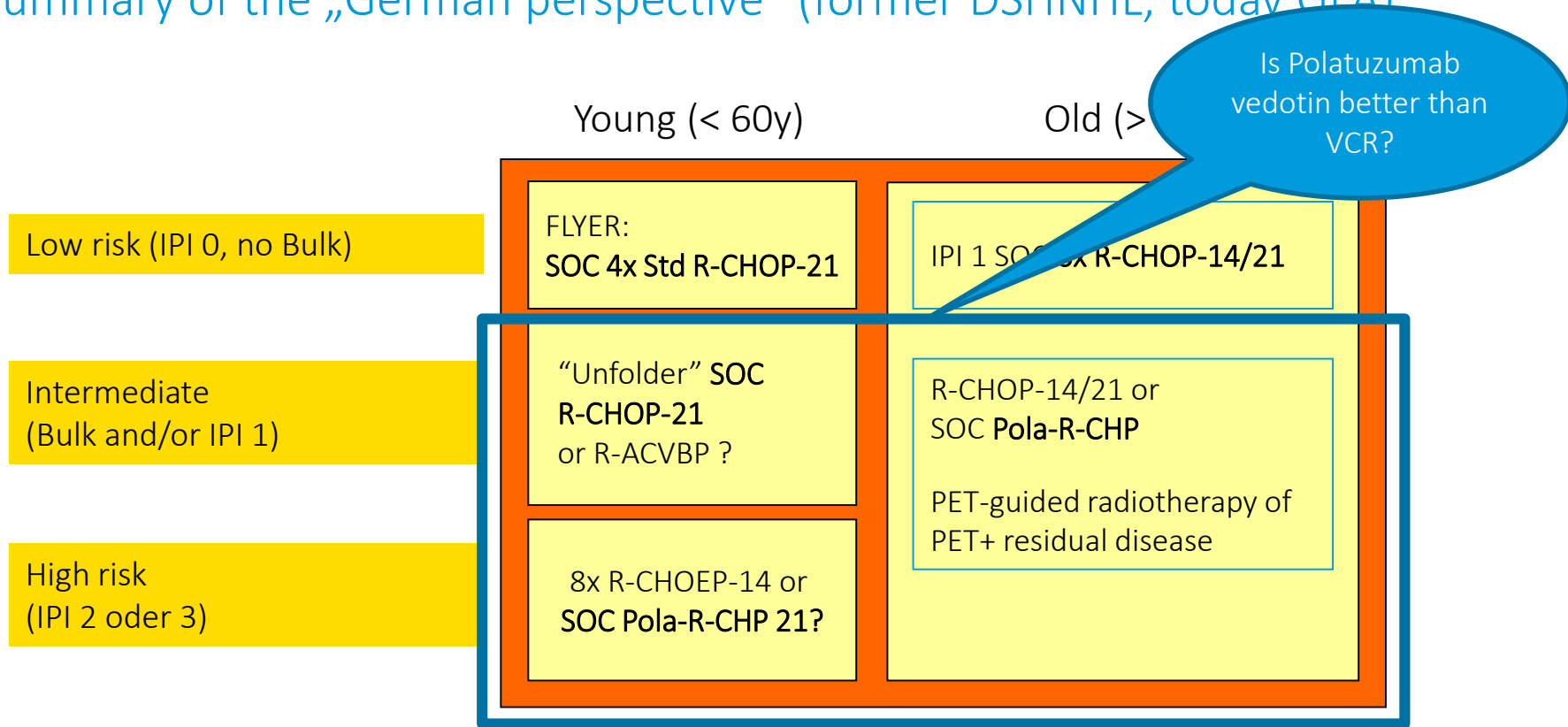
Do we really need 6 cycles R-CHOP in this cohort?

# The Phase 3 LNH-09-1B Trial: PET-guided reduction of Tx cycles



Die Studie wird hoffentlich iPET beim DLBCL erlauben.

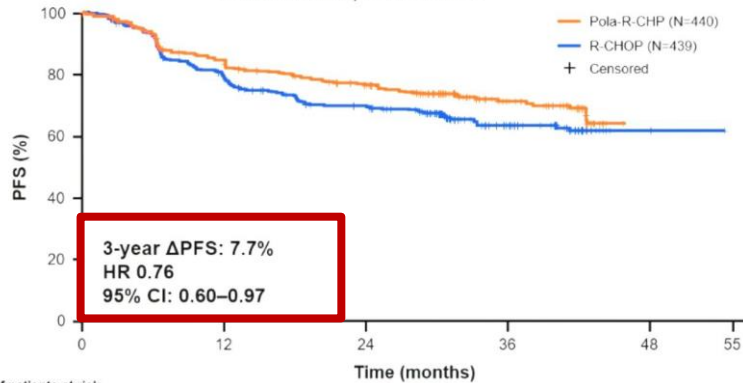
# Summary of the „German perspective“ (former DSHNHL, today GLA)



# Die Polarix Studie – Pola-R-CHP vs. R-CHOP (IPI 2-5)

## Progression free survival

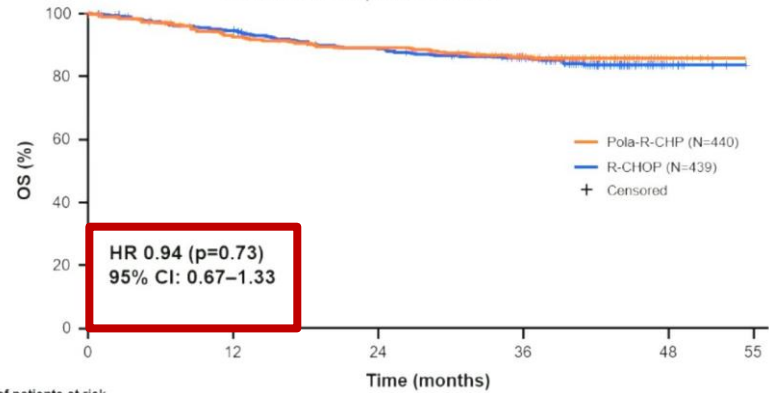
Updated results (CCOD: June 15, 2022)  
Median follow-up: 39.7 months



No. of patients at risk	
Pola-R-CHP	440 405 354 331 313 242 103 66 0 0
R-CHOP	439 390 331 300 284 222 94 59 2 1

## Overall survival

Updated results (CCOD: June 15, 2022)  
Median follow-up: 39.7 months

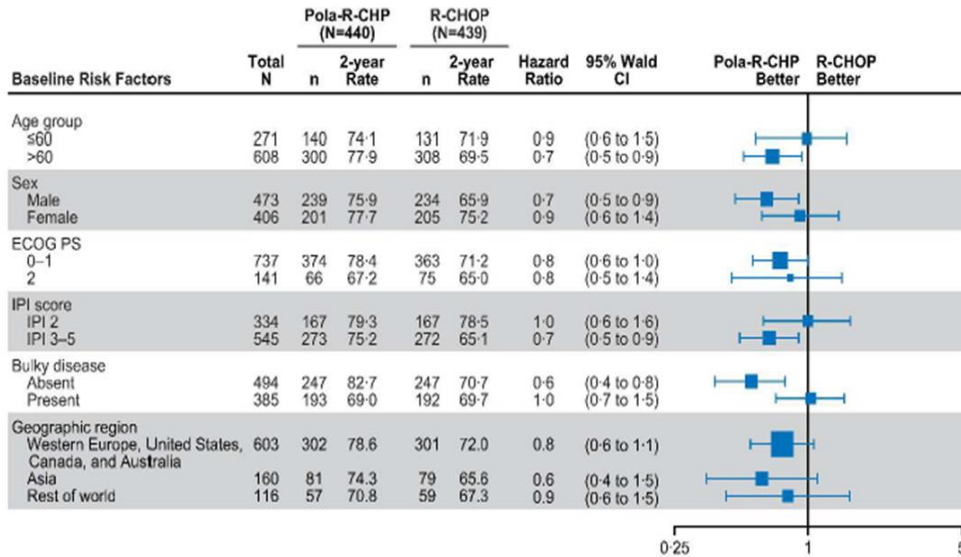


No. of patients at risk	
Pola-R-CHP	440 423 398 387 379 371 338 129 13 1
R-CHOP	439 415 403 382 372 361 329 124 18 1

Pola-R-CHP stellt gegenüber R-CHOP eine effizientere Therapie bei fast gleicher Toxizität dar und erweitert damit das Spektrum der zugelassenen R-CHOP-like Therapien in der Erstlinie

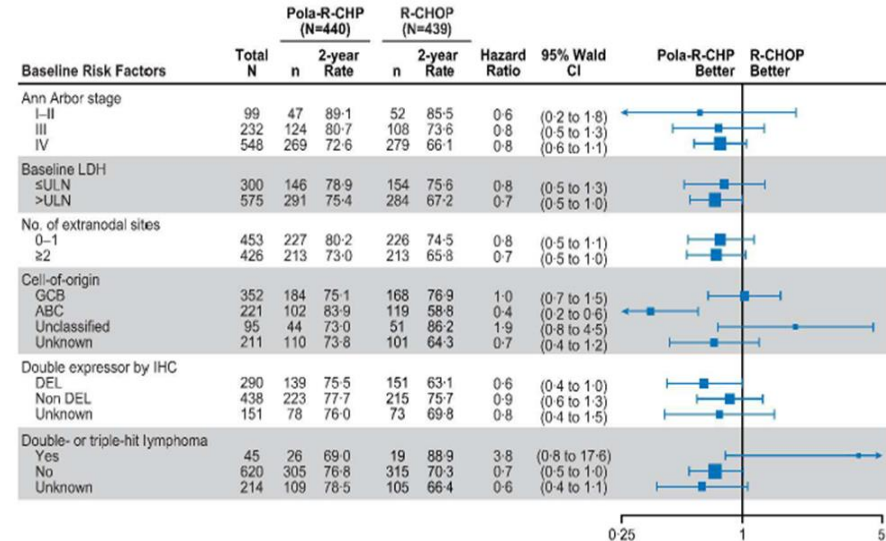


# POLARIX: EXPLORATORY PFS subgroup analysis



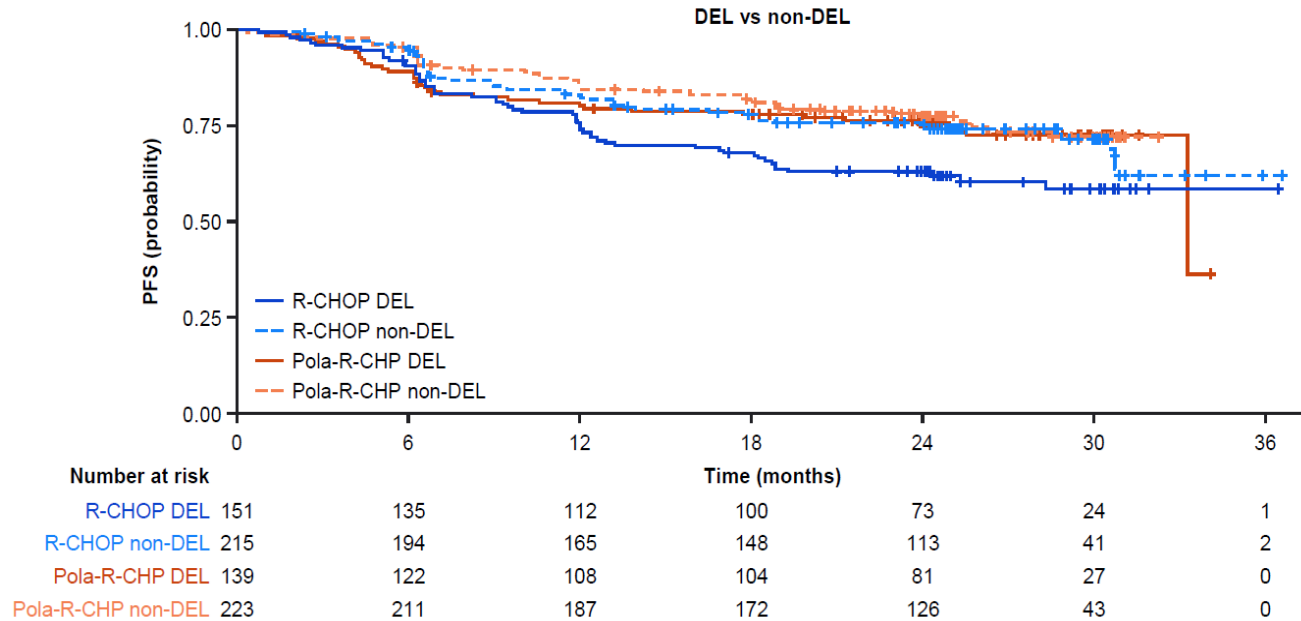
Favours Pola-R-CHP:

- > 60 y, male gender
- IPI 3-5
- Absence of bulky disease



Favours Pola-R-CHP:  
COO ABC

# P7517: Outcomes by BCL2 and MYC expression and rearrangements in untreated diffuse large B-cell lymphoma (DLBCL) from the POLARIX trial: The prognostic impact of DEL vs non-DEL (Morschhauser et al.)

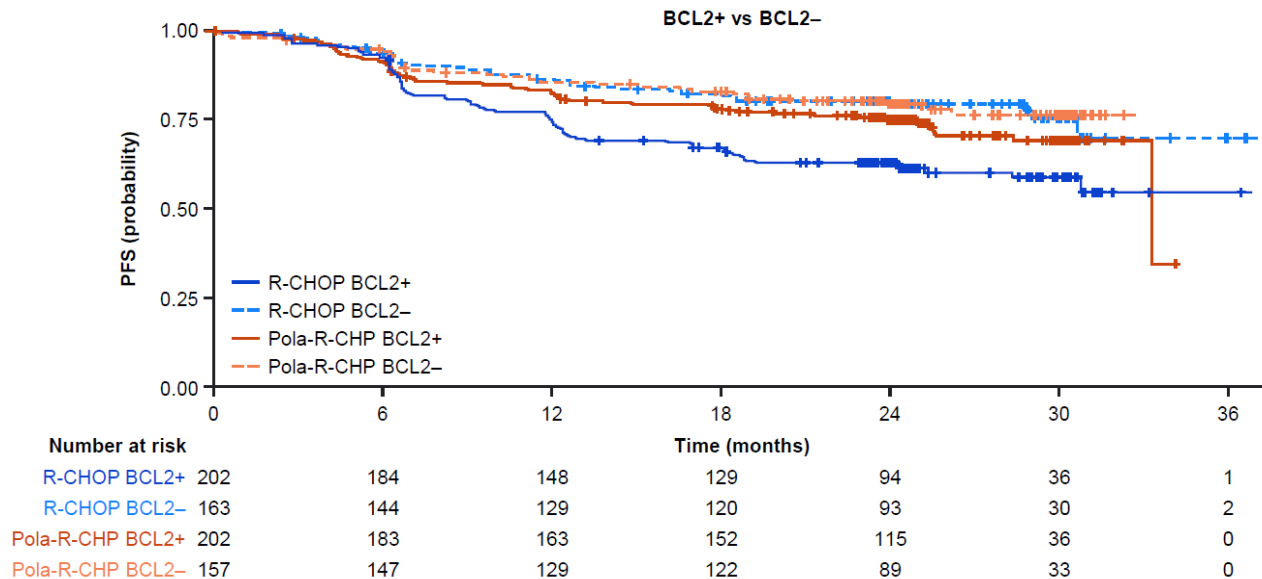


The prognostic impact of DEL vs non-DEL was more pronounced with R-CHOP (univariate HR (95% CI) 1.53; 1.06-2.21; multivariate HR 1.29; 0.88-1.91) vs Pola-R-CHP (univariate HR 1.10; 0.72-1.69; multivariate HR 1.42; 0.89-2.28).

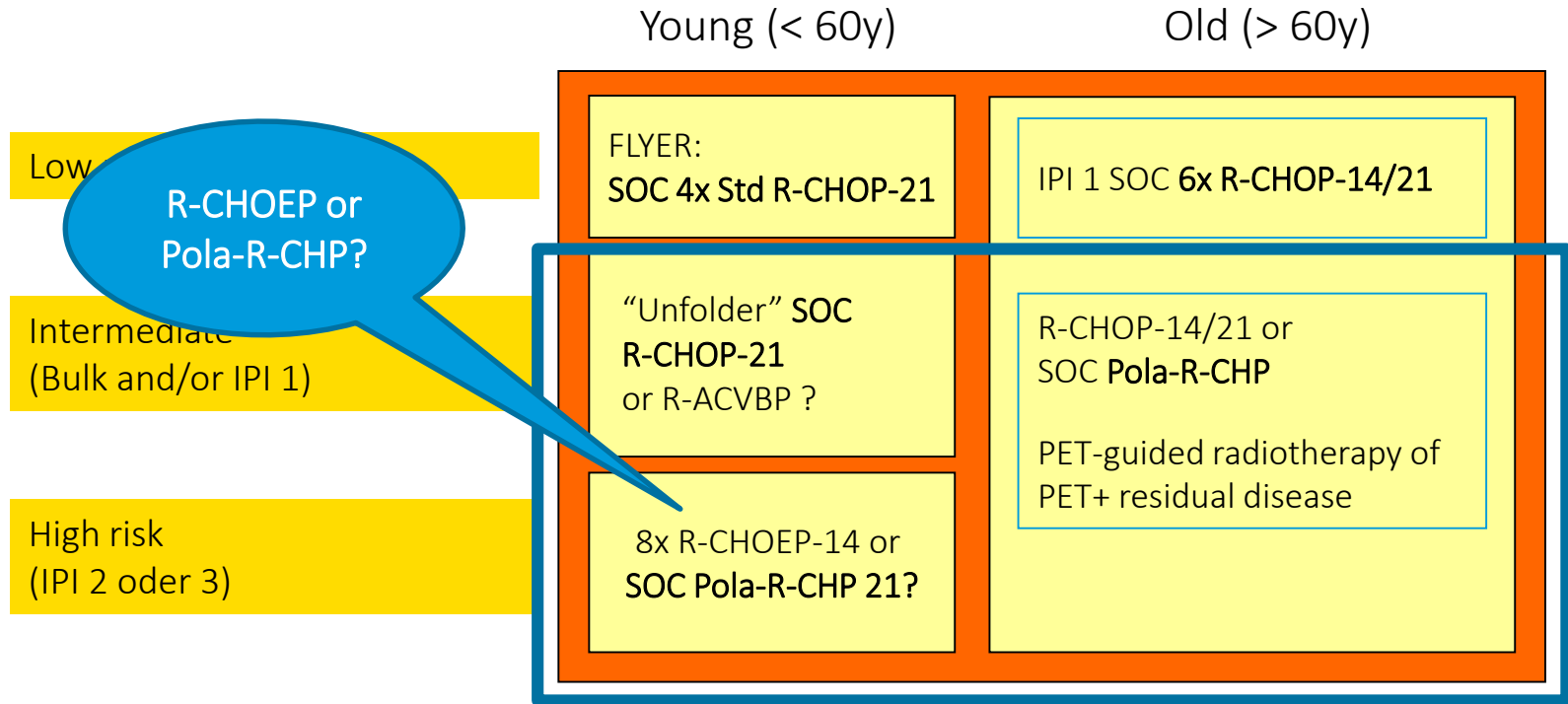
# P7517: The prognostic impact of BCL2+ vs BCL2- was more pronounced with R-CHOP vs Pola-R-CHP

Patients with BCL2+ lymphoma had inferior PFS vs patients with BCL2 in the R-CHOP arm, but no prognostic difference was detected in the Pola-R-CHP arm.

- In univariate analysis, the HR (95% CI) for R-CHOP was 1.96 (1.31-2.93) and the HR for Pola-R-CHP was 1.30 (0.85-2.01).
- In multivariate analysis, the HR for R-CHOP was 1.74 (1.14-2.66) and the HR for Pola-R-CHP was 1.56 (0.99-2.47).



# Summary of the „German perspective“ (former DSHNHL, today GLA)

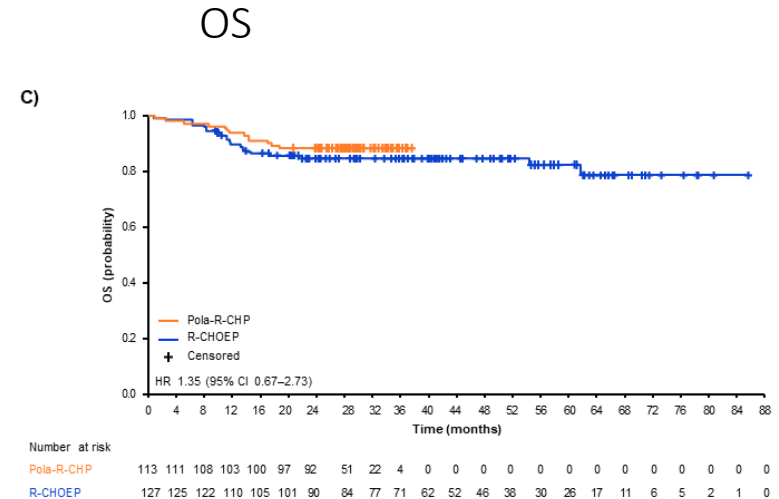
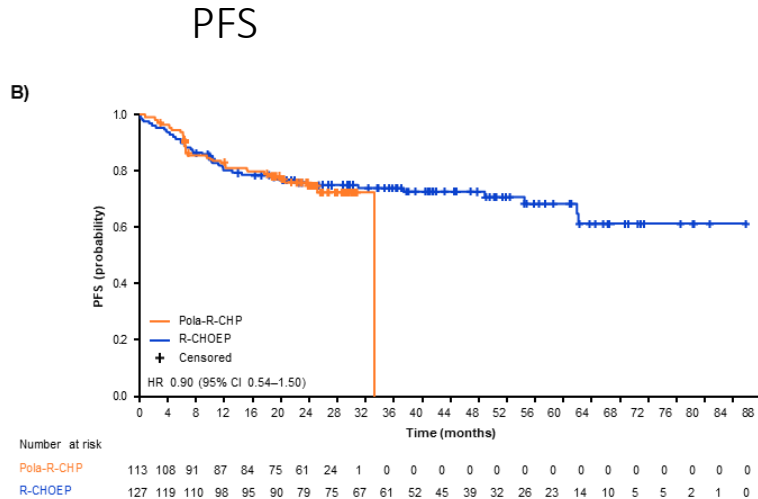


# Pola-R-CHP versus R-CHOEP in young high-risk patients (Mega-CHOEP versus Polarix, indirect comparison)

	Pola-R-CHP (n=113)	R-CHOEP (n=127)
Median age (range), years	52 (19–60)	50 (18–60)
Sex, n (%)		
Male	68 (60.2)	79 (62.2)
Female	45 (39.8)	48 (37.8)
aalPI score, n (%)		
2	99 (87.6)	92 (72.4)
3	14 (12.4)	35 (27.6)
Elevated LDH level, n (%)	100 (88.5)	124 (97.6)
ECOG PS,* n (%)		
0–1	92 (81.4)	85 (66.9)
>1	21 (18.6)	42 (33.1)
Ann Arbor stage,* n (%)		
I–II	3 (2.6)	4 (3.1)
III–IV	110 (97.4)	123 (96.9)
Extranodal sites >1,* n (%)	61 (54.0)	55 (43.3)
Bone marrow involvement, n (%)	26 (23.0)	16 (12.6)
Bulky disease (≥7.5 cm), n (%)	60 (53.1)	75 (59.1)

	Pola-R-CHP (n=113)	R-CHOEP (n=127)
Tumor expression,† n (%)		
BCL2 positive	48/96 (50.0)	26/36 (72.2)
MYC positive	63/98 (64.3)	8/38 (21.1)
Tumor gene rearrangements, n (%)		
BCL2	17/95 (17.9)	9/52 (17.3)
BCL6	2/8 (25.0)	18/51 (35.3)
MYC	8/90 (8.9)	4/47 (8.5)
DEL status, n (%)		
DEL	37 (32.7)	5 (3.9)
non-DEL	61 (54.0)	32 (25.2)
Unknown	15 (13.3)	90 (70.9)
Double-/triple-hit lymphoma, n (%)		
Negative	86 (76.1)	43 (33.9)
Positive	4 (3.5)	4 (3.1)
Unknown	23 (20.4)	80 (63.0)

# Pola-R-CHP versus R-CHOEP in young high-risk patients (Mega-CHOEP versus Polarix, indirect comparison)

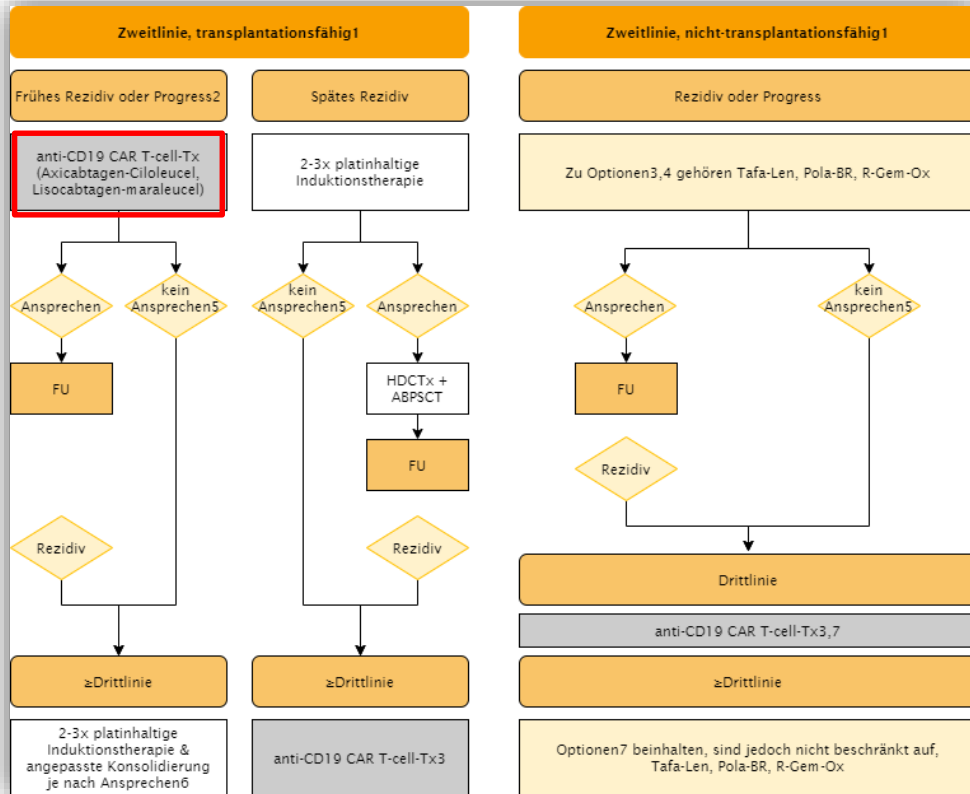


Overlapping efficacy results for aalPI 2 and 3, but relevant differences in tolerability in favour of Pola-R-CHP

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# S3– Schlüsselempfehlungen zur Rezidivtherapie: Zweitlinie



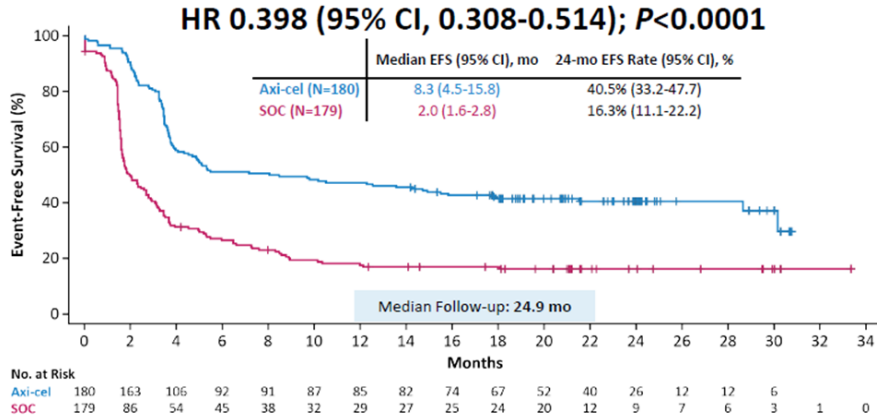
CAVE:

1. „Sollte“-Empfehlung
2. „Hochdosis-Fähigkeit“ wird sehr gerne als Begriff verwendet, ist aber keineswegs definiert, ebenso wenig wie „CAR-T-Zellfähigkeit“ (Onkopedia)
3. Ich **persönlich** richte mich eher nach dem Therapieziel: Soll die Therapie in kurativer Intention erfolgen? Dann CARs!



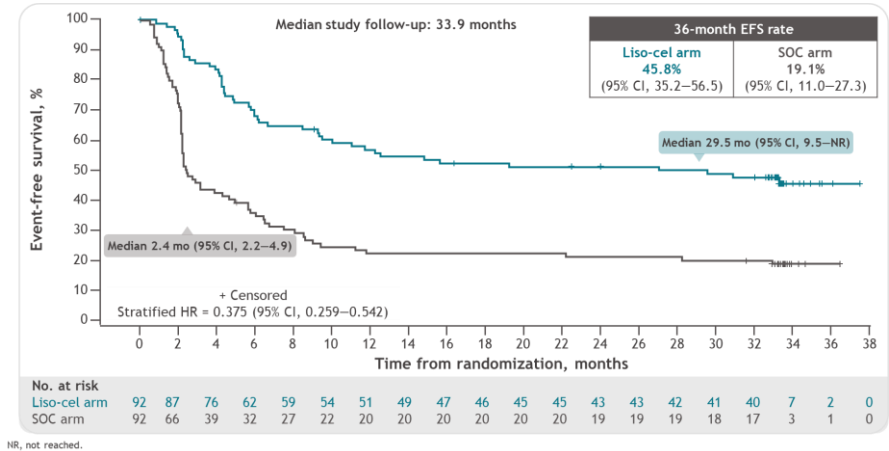
# Axi-cel (ZUMA-7) und Liso-cel (TRANSFORM) in “transplant-eligible” patients: primary endpoint EFS

## Axi-cel (ZUMA-7)



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

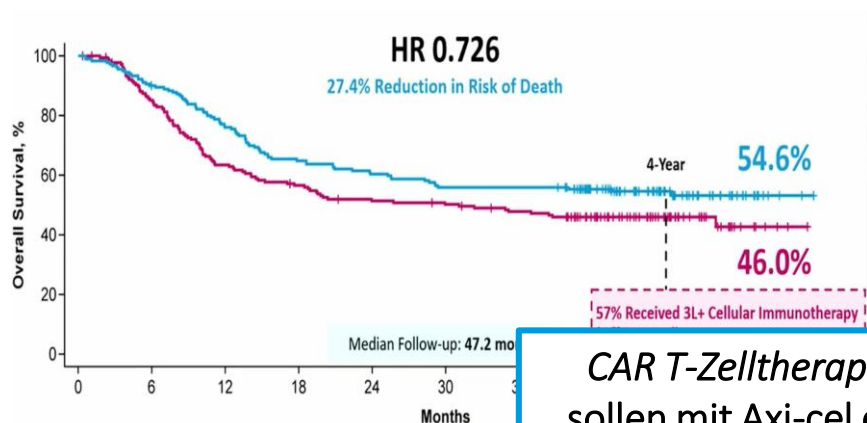
## Liso-cel (TRANSFORM)



Kamdar et al., ASCO 2024 Abstract number 7013

# Axi-cel (ZUMA-7) und Liso-cel (TRANSFORM) in “transplant-eligible” patients: OS

## Axi-cel (ZUMA-7)



one-sided  $p=0.0168$ ; HR 0,726 (95% CI, 0.52–1.00)

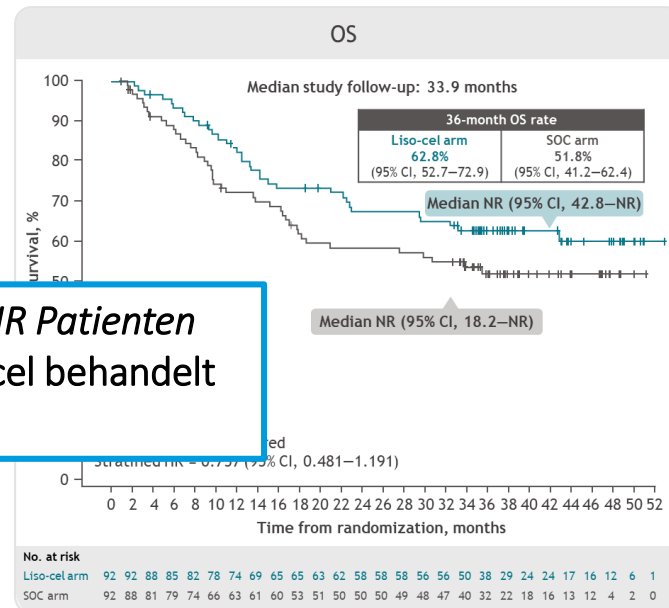
**CAR T-Zelltherapie fähige HR Patienten sollen mit Axi-cel oder Liso-cel behandelt werden.**

27.4% reduced risk of death compared to SOC, despite cross-over in 57% of out-of-study patients

- **1st study in 30 years to clearly show significant overall survival benefit in 2L DLBCL.**

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

## Liso-cel (TRANSFORM)



- 57 (62%) patients in SOC arm crossed over to receive liso-cel

Kamdar et al., ASCO 2024  
Abstract number 7013



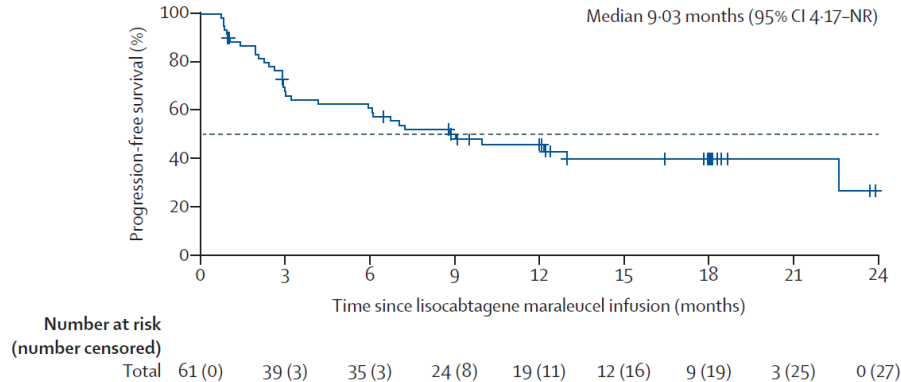
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## Abs 2 – Primary Analysis of ZUMA-7: safety aspects

	Axi-Cel		SOC	
	Any grade	Grade ≥ 3	Any grade	Grade ≥ 3
Any AE	175 (100)	155 (91)	168 (100)	140 (83)
Any serious AE	85 (50)	72 (42)	77 (46)	67 (40)
CRS	159 (92)	11 (6)		
NE (ICANS), n (%)	102 (60)	36 (21)	33 (30)	1 (1)
Tozi/Steroids, n (%)	111/40 (65, 24)			
Definitive TRM n/N(%)	<b>1/170 (1)</b>		<b>2/64 (3)</b>	
ICU (median duration)	25%, 5d		5%, 3d	
Hospitalization (med. duration)	16d		21d	

# Zweitlinien-CAR-T-Therapie bei “nicht-hochdosisfähigen Patienten” mit DLBCL

## Lisocabtagen maraleucel (PILOT-Studie, 61 Patienten, PFS)



**Medianes Follow-up 12,3 Monate**

**CRS Gr.3 2%**

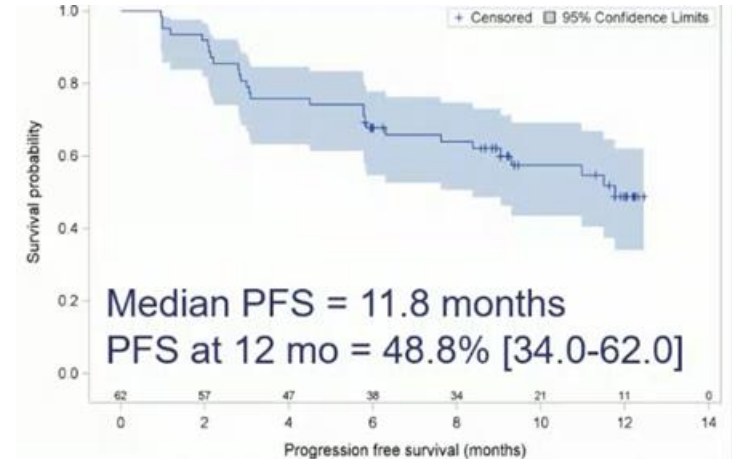
**ICANS Gr.3 5%**

**Infektionen Gr.3-4 7%; Gr. 5 3,3%**

**Non-relapse mortality 3,3%**

**Final analysis Sehgal ASH 2023:  
18-Monats PFS 43%; OS 59%**

## Axicabtagene ciloleucel (Alycante-Studie, 62 Patienten, PFS)



**Medianes Follow-up 12 Monate**

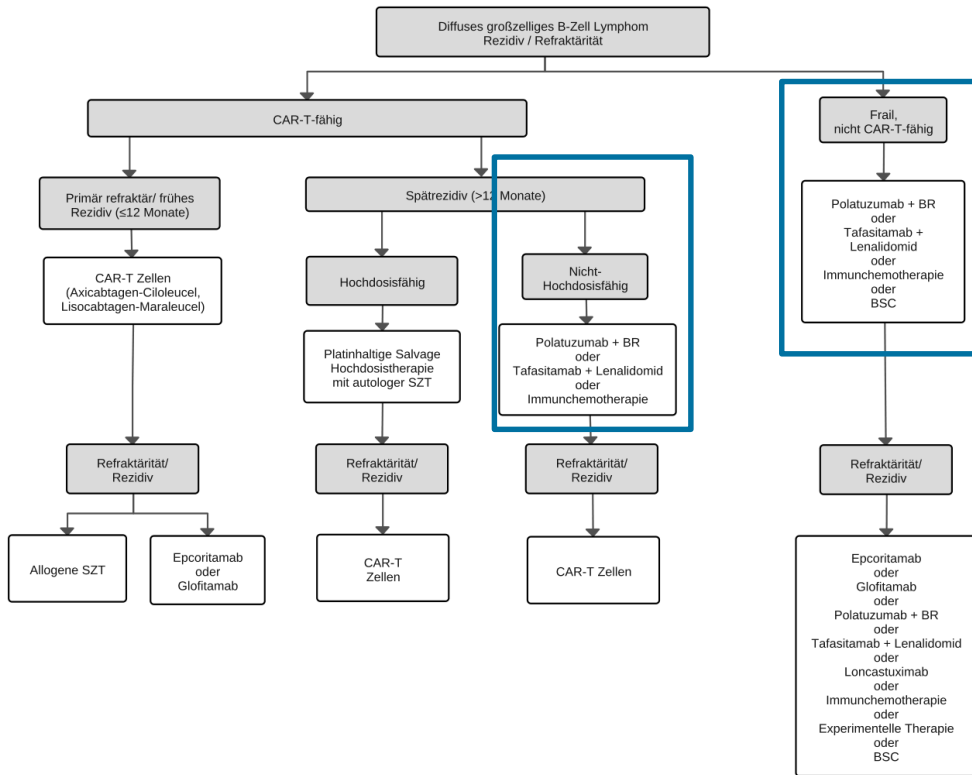
**CRS Gr.3-4 8,1%**

**ICANS Gr.3-4 14,5%**

**Infektionen Gr.3-4 29%; Gr. 5 9,7%**

**Non-relapse mortality 9,7%**

# Rezidivtherapie bei diffusem großzelligem B-Zell-Lymphom (erstes und nachfolgende Rezidive)



Zweitlinie für Nicht-HDCTX  
fähige Patientinnen Rezidive  
war bisher ohne Phase III  
Studien-Ergebnisse.

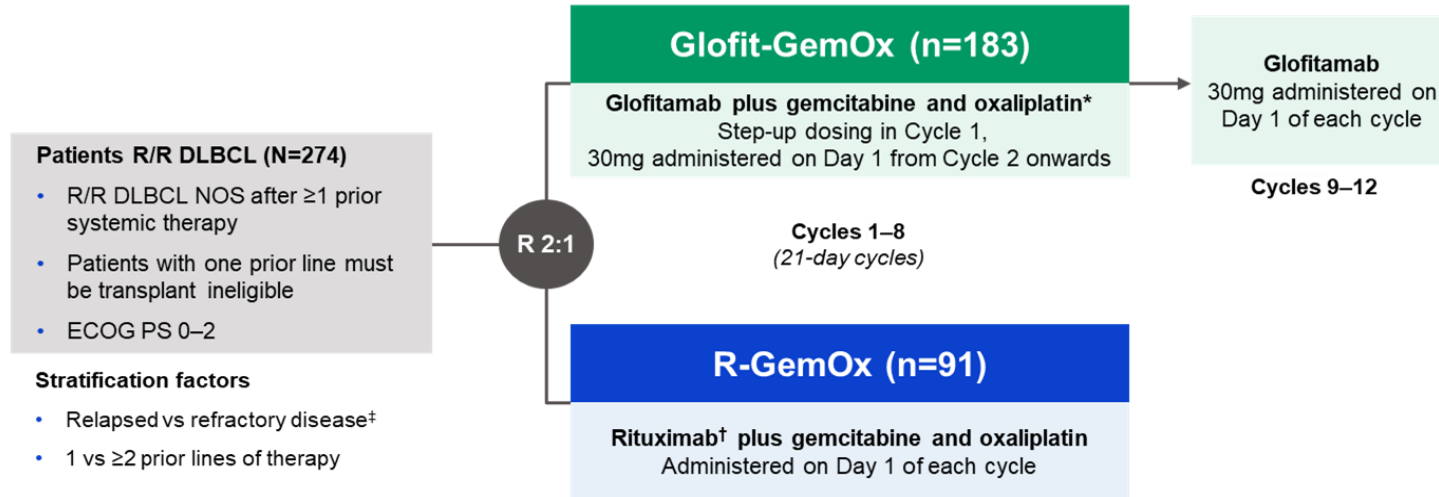
➤ Welche der zahlreichen  
Optionen hier die beste  
Nutzen/Risiko Relation  
hat, ist unbekannt.

Legende:

BSC: best supportive care.

Die Beschreibung der Therapieprotokolle findet sich im zugehörigen Dokument „Medikamentöse Tumorthherapie“

# EHA LB3438: Glofitamab plus Gemcitabine and Oxaliplatin (Glofit-GemOx) for Relapsed/Refractory (R/R) Diffuse Large B-cell Lymphoma (DLBCL): Results of a Global Randomized Phase III Trial (STARGLO). Abramson et al



\*Gemcitabine 1000mg/m<sup>2</sup> and oxaliplatin 100mg/m<sup>2</sup>. In C1, Gpt administered on D1, GemOx on D2, followed by glofit 2.5mg on D8 and glofit 10mg on D15; in C2–8, glofit 30mg and GemOx are administered on D1. <sup>†</sup>Rituximab 375mg/m<sup>2</sup>. <sup>‡</sup>Relapsed disease: recurrence following a response that lasted  $\geq 6$  months after completion of the last line of therapy; refractory disease: disease that did not respond to, or that progressed  $< 6$  months after, completion of the last line of therapy. ASCT, autologous stem cell transplant; C, cycle; D, day; ECOG PS, Eastern Cooperative Oncology Group performance status; Gpt, obinutuzumab pre-treatment; NOS, not otherwise specified; R 2:1, patients randomized in a 2:1 ratio.

# EHA LB3438: Glofitamab plus Gemcitabine and Oxaliplatin (Glofit-GemOx, STARGLO). Baseline characteristics

n (%), unless otherwise stated		R-GemOx (n=91)	Glofit-GemOx (n=183)
<b>Age, years</b>	Median (range)	68.0 (20–84)	68.0 (22–88)
	≥65 years	56 (61.5)	116 (63.4)
<b>Sex</b>	Male	53 (58.2)	105 (57.4)
	Female	38 (41.8)	78 (42.6)
<b>Race</b>	Asian	51 (56.0)	86 (47.0)
	Black or African American	1 (1.1)	2 (1.1)
	White	33 (36.3)	82 (44.8)
	Unknown	6 (6.6)	13 (7.1)
<b>ECOG PS</b>	0	44 (50.0)	72 (40.0)
	1	36 (40.9)	89 (49.4)
	2	8 (9.1)	19 (10.6)
<b>Ann Arbor stage</b>	I–II	20 (22.0)	60 (32.8)
	III–IV	70 (76.9)	123 (67.2)
<b>Number of prior lines of therapy</b>	1	57 (62.6)	115 (62.8)
	≥2	34 (37.4)	68 (37.2)
<b>Primary refractory</b>	Yes	47 (51.6)	106 (57.9)
<b>R/R to last prior therapy</b>	Relapsed / refractory	37 (40.7) / 54 (59.3)	71 (38.8) / 112 (61.2)
<b>Bulky disease (≥10cm)</b>	Present	14 (15.4)	23 (12.6)
<b>Cell of origin at initial diagnosis</b>	GCB	29 (31.9)	60 (32.8)
	Non-GCB (including ABC)	50 (54.9)	103 (56.3)
	Unknown	12 (13.2)	20 (10.9)
<b>Prior CAR T-cell therapy</b>	Received	8 (8.8)	13 (7.1)

ABC, activated B-cell-like; CAR, chimeric antigen receptor; GCB, germinal center B-cell-like.





# OS in pre-specified subgroups: exploratory analysis

Baseline Risk Factors	Total n	R-GemOx (n=91)			Glofit-GemOx (n=183)			HR	95% Wald CI	Glofit-GemOx better	R-GemOx better
		n	Events	Median (Months)	n	Events	Median (Months)				
All Patients	274	91	52	12.9	183	80	25.5	0.62	(0.44, 0.89)		
<b>Sex</b>											
Male	158	53	36	10.3	105	51	20.4	0.56	(0.37, 0.86)		
Female	116	38	16	20.2	78	29	NE	0.76	(0.41, 1.40)		
<b>Age group</b>											
<65	102	35	19	9.0	67	29	NE	0.59	(0.33, 1.06)		
≥65	172	56	33	14.3	116	51	22.9	0.65	(0.42, 1.01)		
<b>Enrollment by geographic region</b>											
Europe	88	26	11	13.8	62	29	21.2	1.09	(0.54, 2.18)		
North America	25	10	2	NE	15	8	13.3	2.62	(0.56, 12.34)		
Rest of the World	161	55	39	8.3	106	43	NE	0.41	(0.27, 0.64)		
<b>No. of previous lines of systemic therapy for DLBCL</b>											
1	172	57	28	15.7	115	44	NE	0.68	(0.42, 1.09)		
≥2	102	34	24	6.7	68	36	18.3	0.55	(0.33, 0.93)		
<b>Prior CAR T-cell therapy</b>											
Yes	21	8	4	27.8	13	6	13.7	0.84	(0.23, 3.01)		
No	253	83	48	12.9	170	74	NE	0.62	(0.43, 0.89)		
<b>Relapse or refractory to last line of therapy</b>											
Refractory	166	54	36	7.5	112	61	11.9	0.65	(0.43, 0.99)		
Relapsed	108	37	16	27.8	71	19	NE	0.51	(0.26, 0.98)		
<b>Refractory to first line of therapy</b>											
Yes	153	47	34	7.3	106	59	10.2	0.60	(0.40, 0.92)		
No	121	44	18	27.8	77	21	NE	0.54	(0.29, 1.01)		
<b>Total number of risk factors for IPI (Derived)</b>											
Low (0-1)	61	13	6	NE	48	12	NE	0.41	(0.15, 1.10)		
Low-intermediate (2)	70	28	14	18.5	42	16	NE	0.59	(0.28, 1.20)		
High-intermediate (3)	79	30	20	14.3	49	26	21.2	0.75	(0.42, 1.35)		
High (4-5)	55	17	11	8.3	38	24	8.5	0.92	(0.45, 1.88)		
Unknown	9	3	1	0.6	6	2	NE	0.18	(0.01, 2.93)		
<b>Bulky disease ≥10cm</b>											
Yes	37	14	7	11.1	23	13	12.0	0.95	(0.38, 2.40)		
No	236	76	45	13.5	160	67	NE	0.58	(0.40, 0.85)		
Unknown	1	1	0	NE	-	-	-	NE	NE		
<b>Cell of origin</b>											
ABC	6	2	1	NE	4	2	NE	0.97	(0.09, 10.98)		
GCB	89	29	15	11.1	60	25	NE	0.55	(0.29, 1.06)		
Non-GCB (by IHC + non-GCB unclassified)	147	48	32	10.9	99	45	25.5	0.60	(0.38, 0.94)		
Unknown	32	12	4	20.2	20	8	NE	0.96	(0.28, 3.21)		

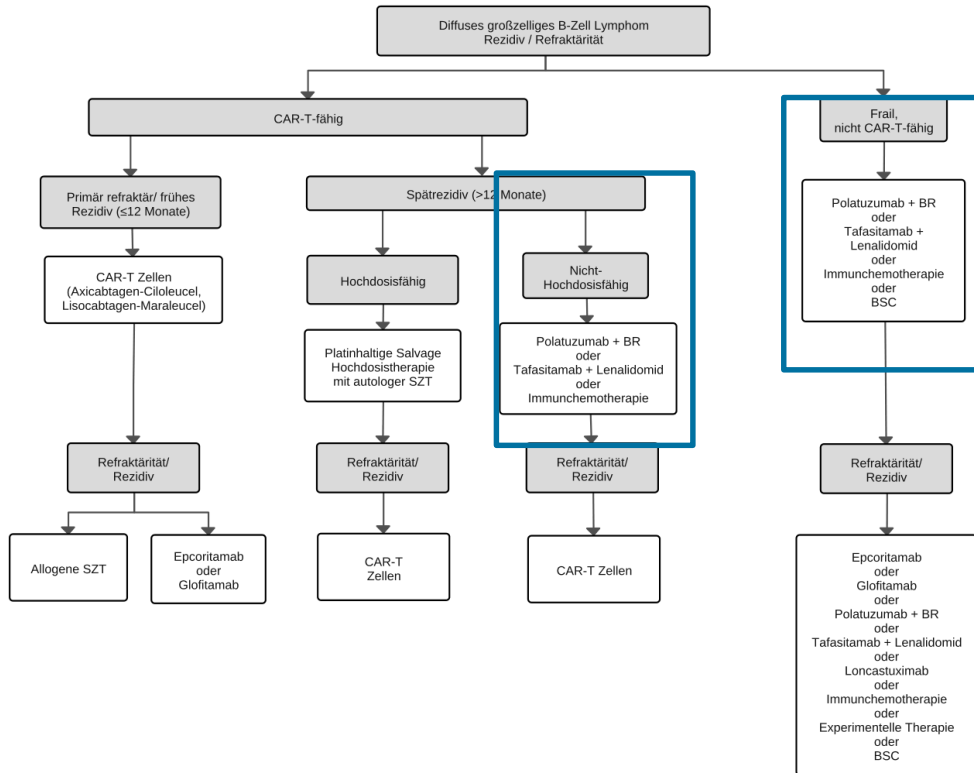
- Comparable results were observed in clinically relevant stratified subgroups: relapsed vs refractory and 2L vs 3L+
- Regional inconsistencies were observed, but interpretation was limited by wide CI and small patient numbers

# Safety profile summary

n (%), unless otherwise stated	R-GemOx (n=88)	Glofit-GemOx (n=180)
<b>Number of cycles,* median (range)</b>	4 (1–8)	11 (1–13)
<b>Any grade AEs</b>	84 (95.5)	180 (100)
Rituximab/glofitamab related	58 (65.9)	149 (82.8)
<b>Serious AEs</b>	15 (17.0)	98 (54.4)
Rituximab/glofitamab related	7 (8.0)	62 (34.4)
<b>Grade 3–5 AEs</b>	36 (40.9)	140 (77.8)
Rituximab/glofitamab related	20 (22.7)	85 (47.2)
<b>Grade 5 (fatal) AEs</b>	4 (4.5)	15 (8.3)
Rituximab/glofitamab related	1 (1.1)	5 (2.8)
<b>AE leading to any treatment discontinuation</b>	11 (12.5)	48 (26.7)

The safety profile of Glofit-GemOx is consistent with the known risk of the individual study drugs

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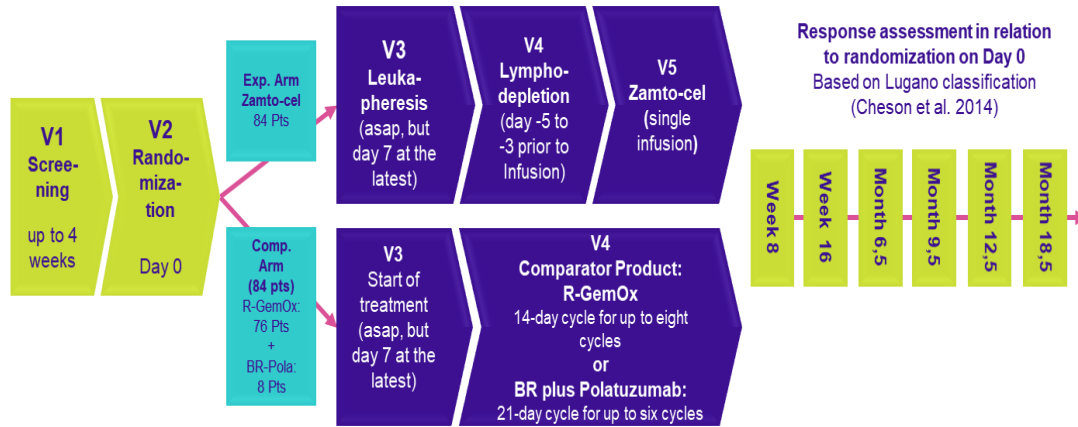


Legende:  
 BSC: best supportive care.  
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Zweitlinie für Nicht-HDCTX  
fähige Patientinnen Rezidive  
war bisher ohne Phase III  
Studien-Ergebnisse.

- Welche der zahlreichen Optionen hier die beste Nutzen/Risiko Relation hat, ist unbekannt.
- Und es wird in Kürze noch mehr Wissen in diesem Kollektiv geben!

# Development of CAR T-cell therapy for non-transplant eligible patients: the tandem CAR Zamtocabtagene autoleucel in the DALY 2-EU trial



- Studie ist im Moment voll rekrutiert.
- Ergebnisse sind Q1 2025 zu erwarten.
- Falls positiv, „POC production“ denkbar in voll automatisiertem System.

**Primary objective:** To determine the superiority of Zamtocabtagene autoleucel treatment *versus* SoC based on PFS

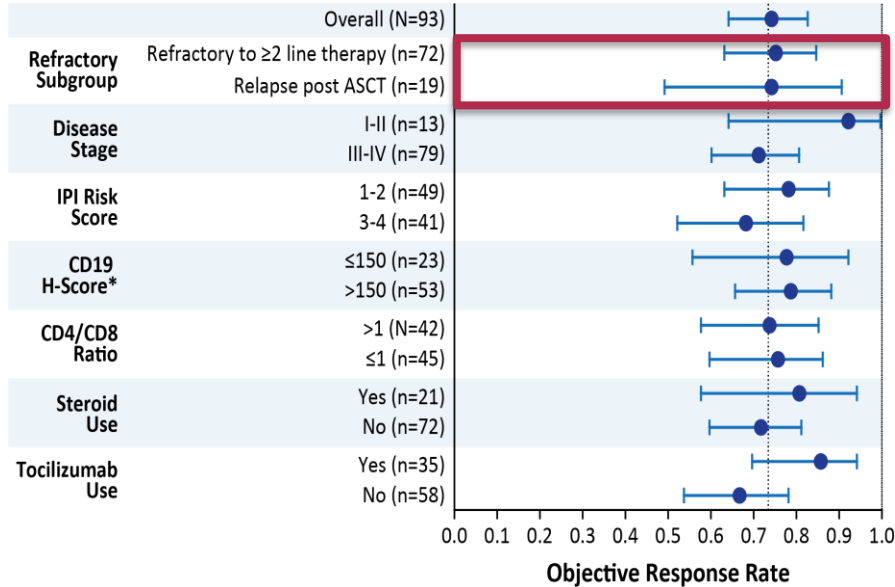
# Das diffuse großzellige B-Zell-Lymphom (DLBCL): Aktuelle Therapiestrategien

1. Erstlinie
2. Zweitlinie
3. Nach der Zweitlinie
4. Perspektiven

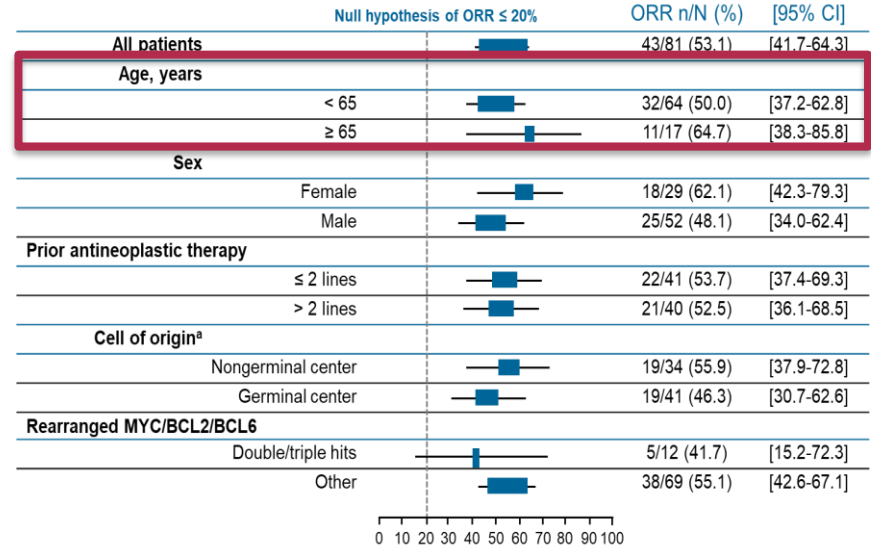


# Mit CAR T-Zelltherapien verlieren Chemo-Refraktaritat und Alter ihre prognostische Bedeutung beim r/r DLBCL praktisch vollstandig

## Axicabtagene Ciloleucel



## Tisagenlecleucel

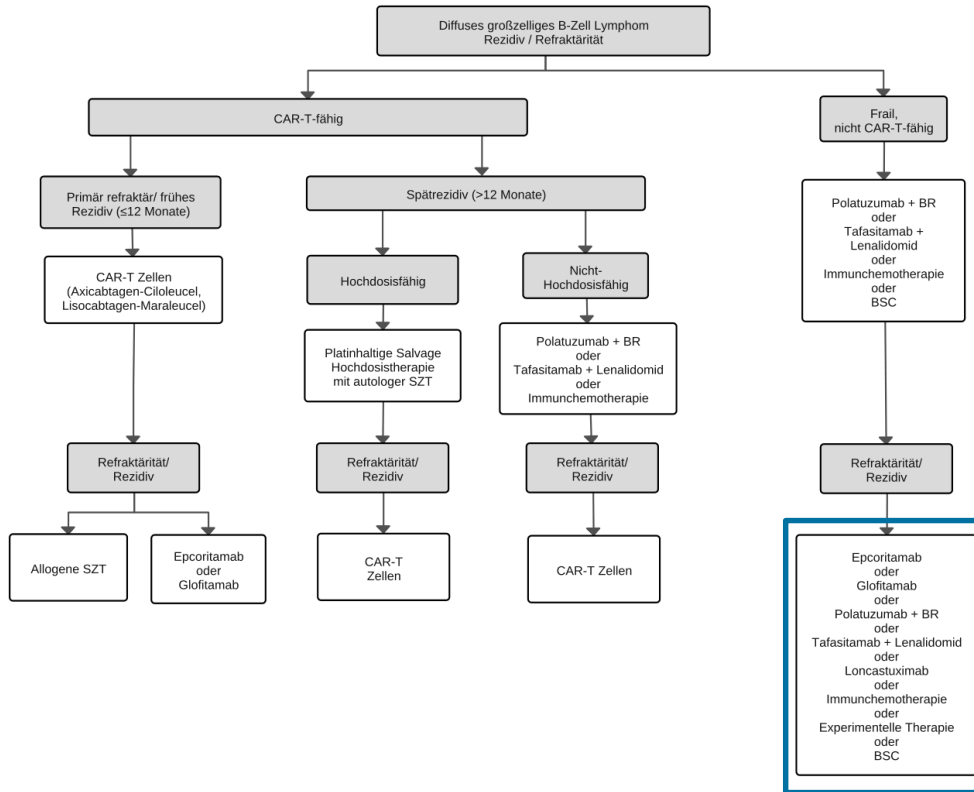


Neelapu et al., N Engl J Med 2017;377:2531-44.

Neelapu et al., LBA, ASH 2016

Schuster et al., ASH abs 2017

# Rezidivtherapie bei diffusem großzelligem B-Zell-Lymphom (erstes und nachfolgende Rezidive)

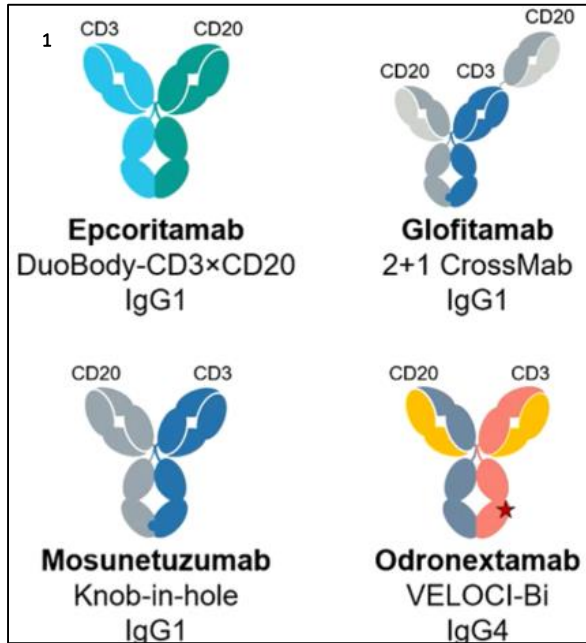


➤ Hier gibt es sehr viele  
"Optionen"

Legende:  
 BSC: best supportive care.  
 Die Beschreibung der Therapieprotokolle findet sich im zugehörigen Dokument „Medikamentöse Tumorthherapie“



# Selected CD3xCD20 bispecific Antibodies in development for B-NHL



Zugelassen oder in Zulassung

	Mosunetuzumab (RG7828) <sup>2</sup>	Odronextamab (REGN1979) <sup>3</sup>	Glofitamab (RG60269) <sup>4</sup>	Epcoritamab (GEN3019) <sup>5</sup>
Patients	98	35	154	157
ORR	38%	40%	51.6%	63%
CR	20%	31%	39.4%	39%
Median PFS [m]			4.9	4.4

Focus *hier und heute* Glofitamab  
(wegen der Zeit und ohne  
Wertung)

# Glofitamab in der Drittlinie des DLBCL

## Key inclusion criteria

- DLBCL NOS, HGBCL, transformed FL or PMBCL
- ECOG PS 0–1
- ≥2 prior therapies, including:
  - anti-CD20 antibody
  - anthracycline

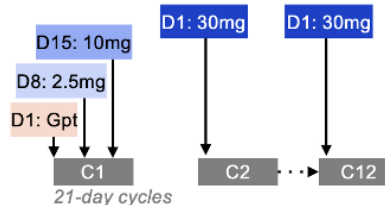
## Glofitamab IV administration

### Fixed-duration treatment

- **Max. 12 cycles (=8.3 months)**

### CRS mitigation:

- Obinutuzumab pretreatment (1 x 1000mg)
- C1 step-up dosing
- Monitoring after first dose (2.5mg)



## Endpoints

**Primary: CR (best response) rate by IRC\***

**Key secondary: ORR rate, DoR, DoCR, PFS, and OS**

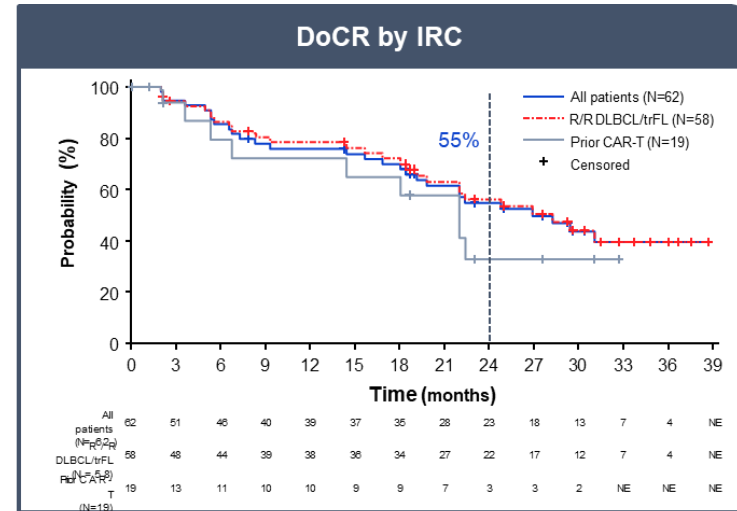
Adaptiert von D. Mougiakakos, Hämatologie Summit 2023, modifiziert nach Dickinson et al, ASCO 2023

# Glofitamab Monotherapy in Relapsed or Refractory Large B-Cell Lymphoma: Extended Follow-Up from a Pivotal Phase II Study and Subgroup Analyses in Patients with Prior Chimeric Antigen Receptor T-Cell Therapy and by Baseline Total Metabolic Tumor Volume

Martin Hutchings et al., Abs 433 ASH 2023

	All patients (N=155)*	R/R DLBCL/trFL (N=132) <sup>1</sup> ++	Prior CAR-T (N=52) +
ORR, n (%) [95% CI]	80 (52) [43.5–59.7]	74 (56) [47.2–64.7]	26 (50) [35.8–64.2]
CR rate, n (%) [95% CI]	62 (40) [32.2–48.2]	58 (44) [35.3–52.8]	19 (37) [23.6–51.0]
Median DoCR, months (95% I)	26.9 (19.8–NR)	28.3 (19.8–NR)	22.0 (6.7–NR)

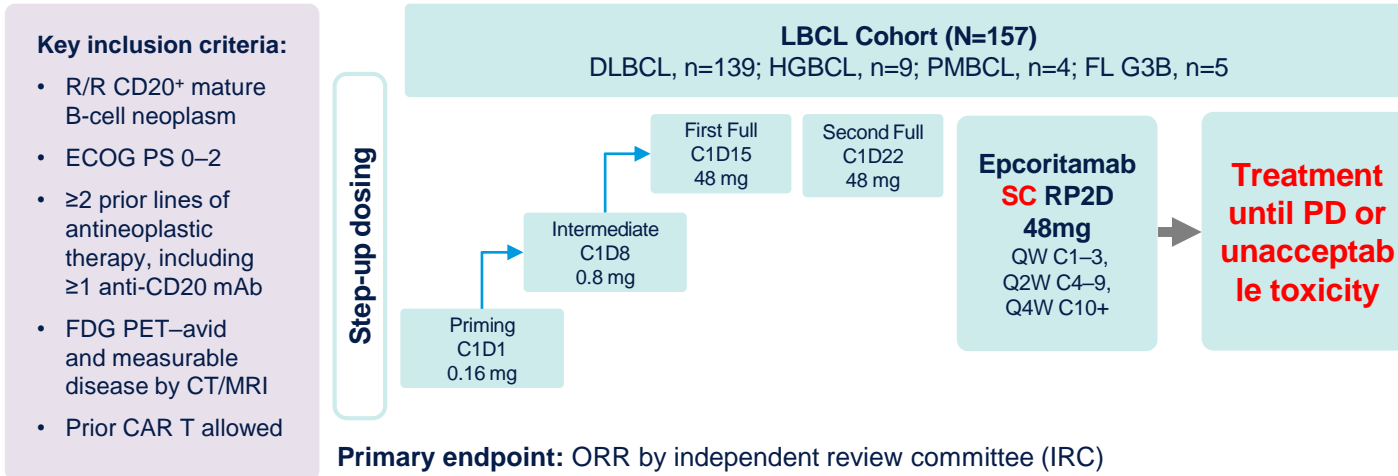
Liso cel Transcend ORR, CR [%]	73 / 53
DoCR	58.5% @ 24 m



- Median time on study: 32.1 months (range: 0–43)

# EPCORE NHL-1 (GCT3013-01): Design

kontinuierliche subkutane (s.c.) Therapie



**Primary endpoint:** ORR by independent review committee (IRC)

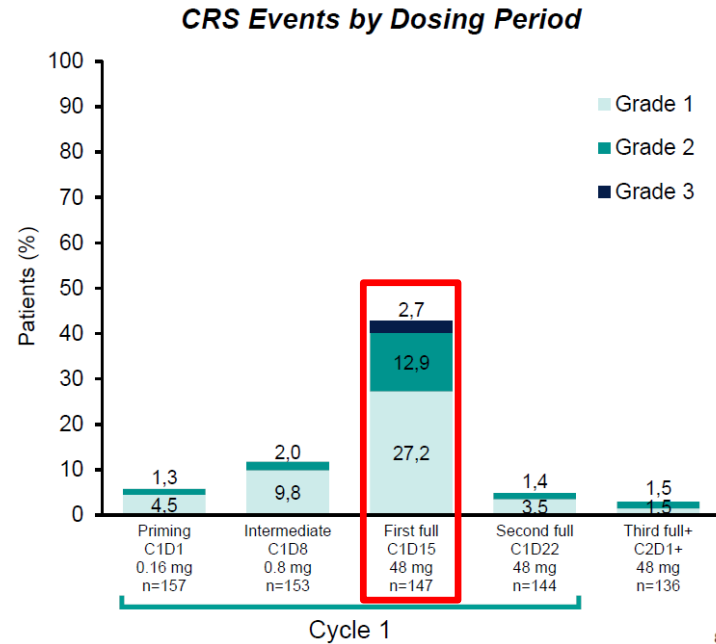
**Key secondary endpoints:** DOR, TTR, PFS, OS, CR rate, and safety/tolerability

# EPCORE NHL-1 (GCT3013-01): SC Aufsättigung und CRS-events

	LBCL N=157
CRS, n (%) <sup>a</sup>	80 (51)
Grade 1	50 (32)
Grade 2	25 (16)
Grade 3	5 (3)
Median time to onset after first full dose, h	20
Treated with anticytokine therapy, n (%)	23 (15)
Leading to treatment discontinuation, n (%)	1 (1)
CRS resolution, n/n (%)	79/80 (99)
Median time to resolution, d (range) <sup>b</sup>	2 (1–27)

<sup>a</sup>Graded by Lee et al 2019 criteria.<sup>10</sup> <sup>b</sup>Median is Kaplan–Meier estimate based on longest CRS duration in patients with CRS.

Jurczak et al. EHA 2023, P1118 (left table)  
Thieblemont et al. EHA 2022, LBA 2364 (right figure)

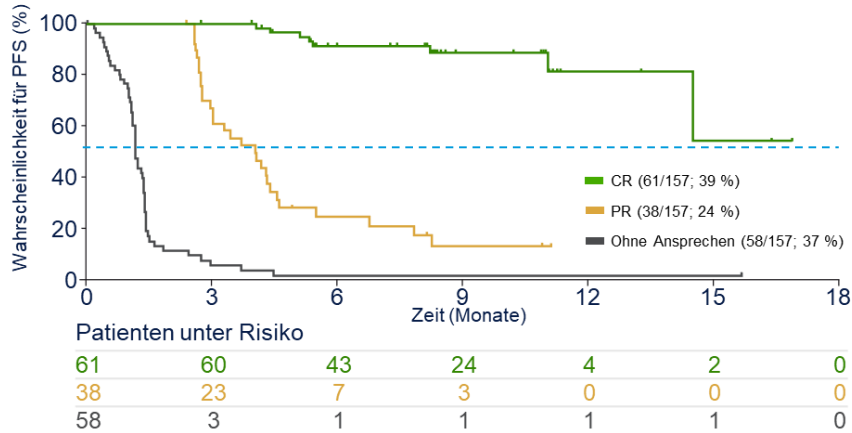


CRS was primarily low grade and predictable: most events occurred following the first full dose

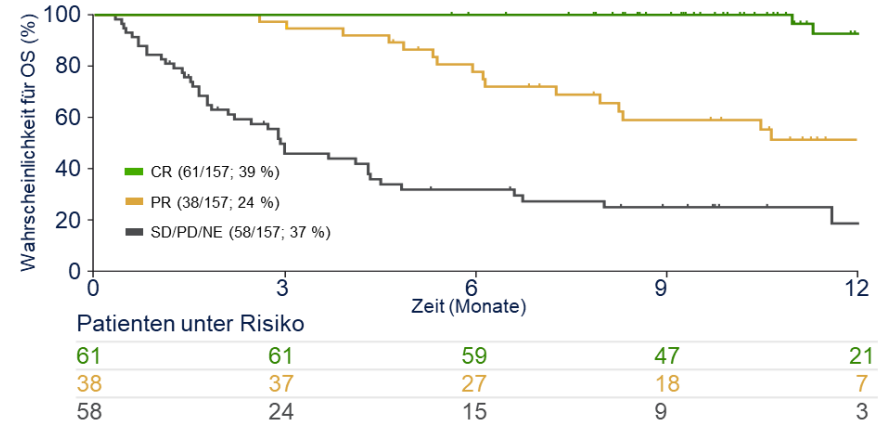
8

# EPCORE NHL-1 (GCT3013-01): PFS and OS

PFS correlates to quality of response



OS correlates to quality of response



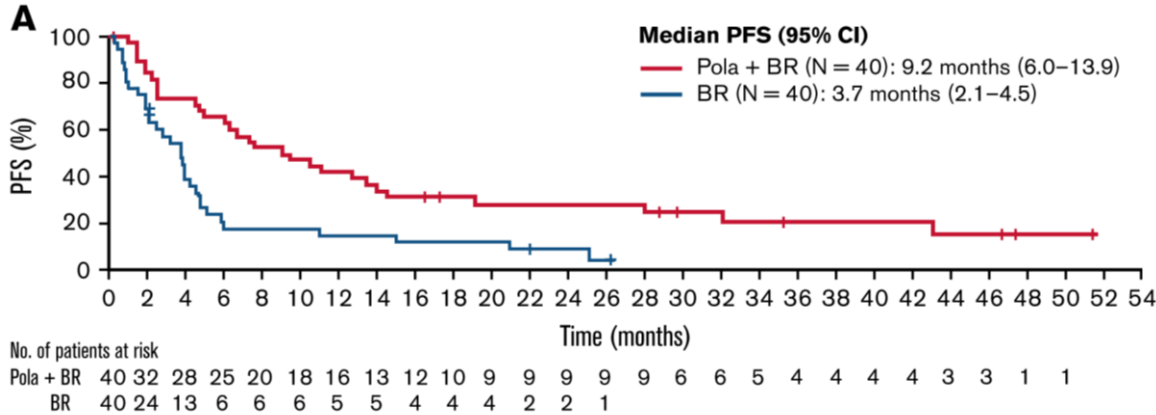
Gesamtansprechen 63%, CRR 39%

mediane Dauer bis zum Erreichen einer CR 2.7 Monate

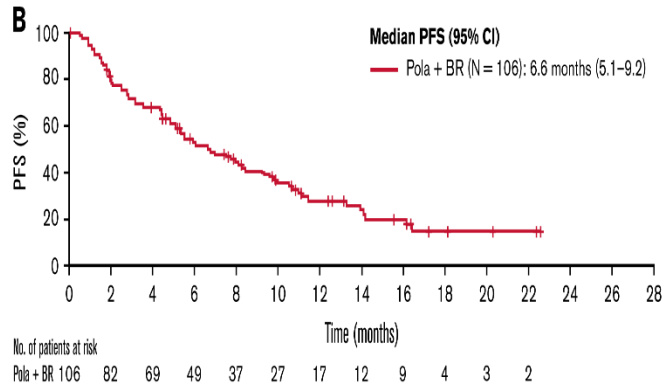
mediane Dauer des Therapienansprechens 15.5 Monate (bei CR 20.8 Monate)

medianes Gesamtüberleben 18.5 Monate (bei CR noch nicht erreicht)

# Polatuzumab vedotin bei r/r DLBCL



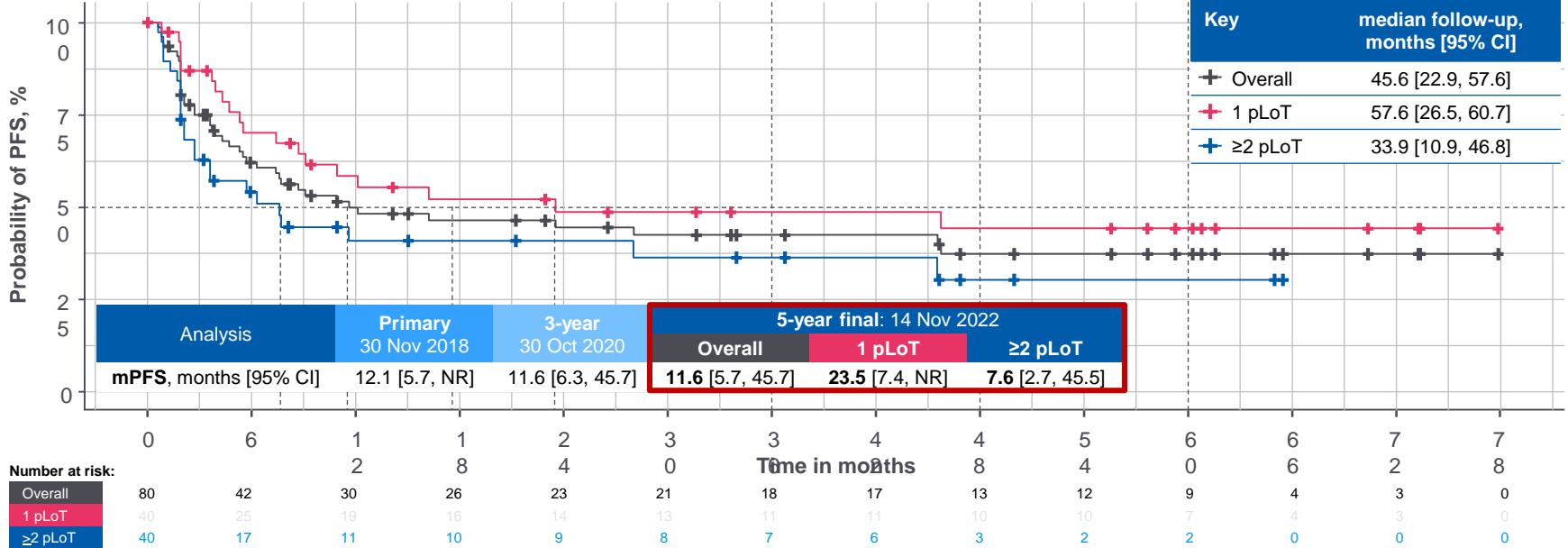
**Polatuzumab vedotin plus Bendamustine with Rituximab in Relapsed/Refractory DLBCL (transplant –ineligible): Randomized Phase II follow-up and extension cohort**



- Randomisierter Arm: medianes PFS: 9.2 vs 3.7 Monate Pola-BR vs BR
- Extensions-Kohorte: medianes PFS 6,6 Monate und medianes OS 12,5 Monate
- Gepoolte Pola-BR-Gruppe (151 Pat.): 31,1% Neuropathie (alle Grade); 2% Grad 3-4 Polyneuropathie

# Tafasitamab bei rezidiviertem DLBCL

## Efficacy Results: PFS at 5-year Follow-up



mPFS, median PFS; PFS, progression-free survival; pLoT, prior line of therapy; NR, not reached.  
 Modified from Duell J, et al., AACR annual meeting 2023, oral abstract #CT022. Data on file.

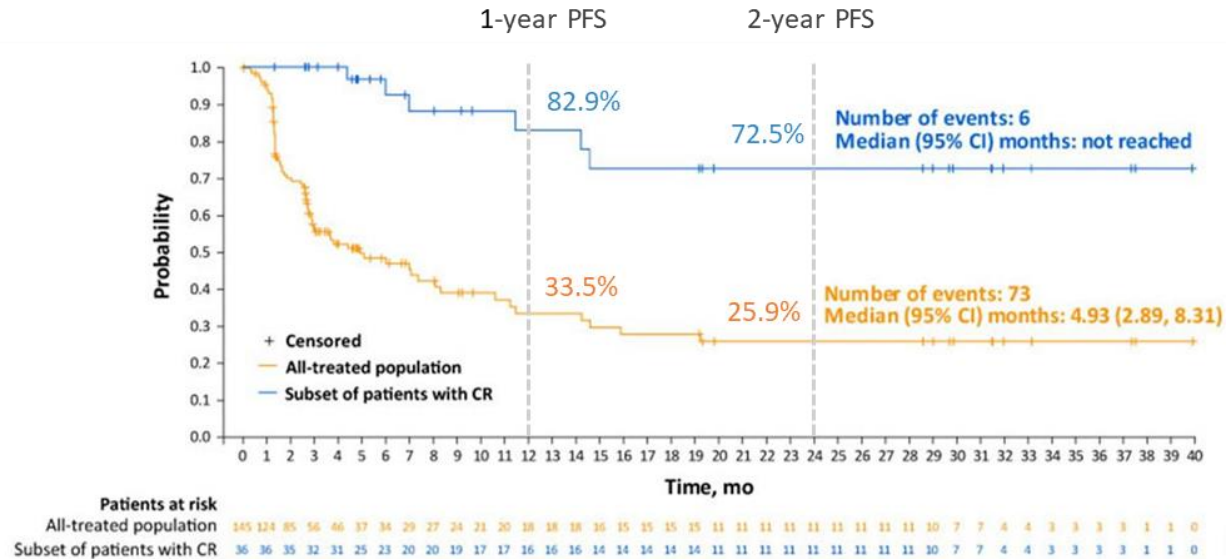
- L-MIND: Gute Ergebnisse & akzeptables Sicherheitsprofil bei ASCT-ungeeigneten Pat. mit rezidiviertem DLBCL
- Selektionierte Patientenkohorte (!) mit besonders guten Ergebnissen im ersten späten Rezidiv



# Loncastuximab tesirine bei r/r DLBCL: LOTIS-2 FU

- Phase II r/r DLBCL  $\geq 2$  Vortherapien
- i.v. Lonca 150  $\mu\text{g}/\text{kg}$  Q3W für 2 Zyklen, dann 75  $\mu\text{g}/\text{kg}$  Q3W für bis zu 1 Jahr (bei Benefit länger möglich); Dexamethason-Prophylaxe
- 145 Patienten; medianes follow-up 7,8 Monate; 35 Monate für CR-Pat.
- Besondere Nebenwirkungen (alle Grade): Ödeme/Ergüsse (31%), Haut- und Nagelreaktionen (43,4%), Leberenzymveränderungen (52,4%)

## Progression-free survival



- Primärer Endpunkt Overall response rate: 48.3% (24,8% CR und 23,4% PR)
- Medianes PFS 4,9 Monate, medianes OS 9,5 Monate; mediane Dauer des Ansprechens 13,4 Monate

# Das diffuse großzellige B-Zell-Lymphom (DLBCL): Aktuelle Therapiestrategien

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3. Nach der Zweitlinie
4. Perspektiven

# Perspektive Erstlinie

Titel:	Tx groups	Popu- lation	n	% of all 1st D <sup>1</sup>
ZUMA-23 NCT05605899	R-CHOP / DA-R-EPOCH versus Axi-cel	IPI 4, 5	300	16
EPCORE™ DLBCL-2 NCT05578976	R-CHOP versus Epcor-R-CHOP	IPI 3-5	900	38
FRONTMIND	Tafa-Len R-CHOP vs R-CHOP	IPI 3-5	899	38
SKYGLO NCT06047080	Pola-R-CHP versus Glofi-Pola-R-CHP	IPI 2-5	1130	65

<sup>1</sup>International Non-Hodgkin's Lymphoma Prognostic Factors Project, NEJM 1993 62

# Immun- oder Chemotherapie? Paradigmenwechsel beim rezidierten DLBCL. Zusammenfassung

1. Chemotherapie bleibt Therapie der Wahl für PatientInnen mit niedrigem Risiko für Tod, also Erstlinie und LR-Zweitlinie
  2. Aber: Paradigmenwechsel! Immuntherapie vor Chemotherapie, seien es CARs oder bispecs oder bispecs+Ctx
  3. CARs sind dabei die bisher einzige Option mit nachgewiesenem relevanten Potential für Heilung
- Dran denken bei der Indikationsstellung und Strukturen schaffen oder festigen, damit das komplexe PatientInnenmanagement möglichst reibungsarm funktionieren kann

# Cologne Lymphoma Working Group

## Study Physicians

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Philipp Goedel  
Jan-Michel Heger

## Study Assistance

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Armin Memic

## Project Management

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Hyatt Balke-Want

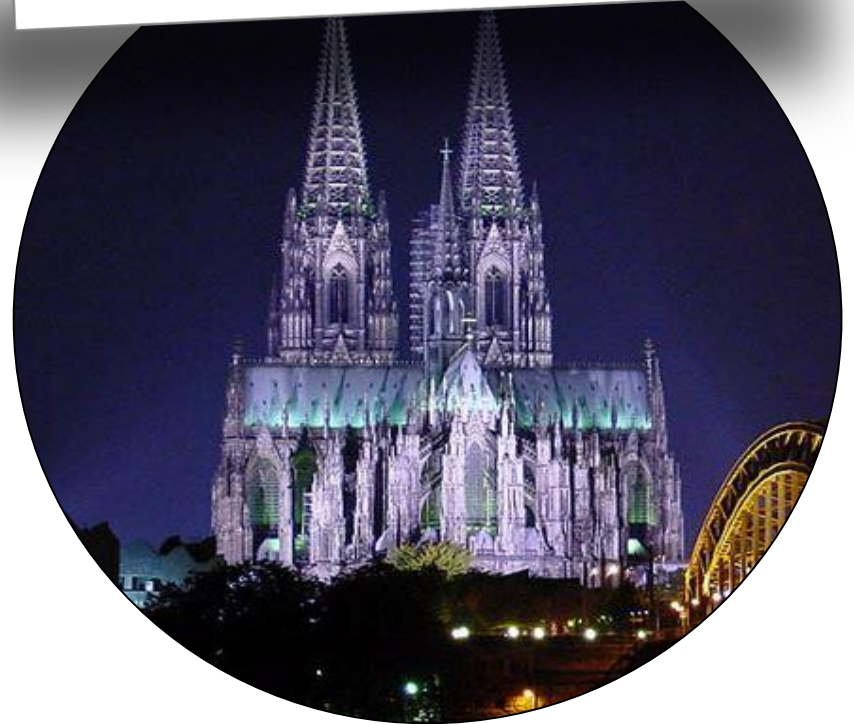
## Apheresis Unit

Udo Holtick  
Christoph Scheid

## ICU Physicians

Boris Böll  
Matthias Kochanek

Thank you very much for your attention!



# EHA LB3438: Glofitamab plus Gemcitabine and Oxaliplatin (Glofit-GemOx) for Relapsed/Refractory (R/R) Diffuse Large B-cell Lymphoma (DLBCL): Results of a Global Randomized Phase III Trial (STARGLO). Abramson et al

## 1. Pluspunkte

- Primärer Endpunkt ist erreicht: Das OS von Glo-GemOx ist besser als von R-GemOx. PFS und ORR und CRR sind es auch. Es ist auf jeden Fall wirksamer als R-GemOx.
- Das Tox Profil entspricht de Summer beider Interventionen. Es gibt relevante TRM, allerdings wurde die Studie zu COVID Zeiten durchgeführt und COVID hat dazu relevant beigetragen. Es ist auf jeden Fall machbar.

## 2. Offene Fragen

- Fehlende Hochdosis-Fähigkeit ist ungewöhnlich bei einem medianen Alter von 68 Jahren, aber vor allem keine Kategorie mehr in der CAR-Ära.
- Somit ist die Implementierung in den aktuellen Therapiealgorithmus schwierig. Vergleich zu CAR Daten? Heilung und Plateau?

# Perspektive Erstlinie

Titel:	Tx groups	Popu- lation	n	% of all 1st D <sup>1</sup>
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<sup>1</sup>International Non-Hodgkin's Lymphoma Prognostic Factors Project, NEJM 1993 67

# Update High-Grade NHL: Zusammenfassung

1. Erstlinie bleibt im Prinzip Chemotherapie-basiert (R-CHOP oder Pola-R-CHP)
  2. Ab dann aber: Paradigmenwechsel! Immuntherapie vor Chemotherapie, seien es CARs oder bispecs oder bispecs+Ctx
- Dran denken bei der Indikationsstellung und Strukturen schaffen oder festigen, damit das komplexe PatientInnenmanagement möglichst reibungsarm funktionieren kann



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