



# Lymphom Kompetenz KOMPAKT



KML-Experten berichten

**63rd ASH Meeting 2021**



**Prof. Dr. med. Peter Borchmann**  
Klinik I für Innere Medizin | Uniklinik Köln

# Diffus großzelliges B-Zell-Lymphom (DLBCL)

# Offenlegung potentieller Interessenskonflikte

LymphomKompetenz KOMPAKT – ASH2021 wird in Kooperation mit sechs unterstützenden Firmen durchgeführt.  
Meine persönlichen Disclosures betreffen:

<b>Anstellungsverhältnis, Führungsposition</b>	na
<b>Beratungs-/ Gutachtertätigkeit</b>	Novartis, Takeda, Celgene, MSD, Gilead, Oxford Therapeutics
<b>Besitz von Geschäftsanteilen, Aktien oder Fonds</b>	na
<b>Patent, Urheberrecht, Verkaufslizenz</b>	na
<b>Honorare</b>	Takeda, Novartis, Roche, MSD, BMS, Gilead, Incyte
<b>Finanzierung wissenschaftlicher Untersuchungen</b>	Novartis, Takeda, MSD
<b>Andere finanzielle Beziehungen</b>	nana
<b>Immaterielle Interessenkonflikte</b>	

# Kapitel 1

Kann R-CHOP verbessert werden, indem Vincristin durch Polatuzumab Vedotin ersetzt wird?

LBA 1 – The POLARIX Study: Polatuzumab Vedotin with Rituximab, Cyclophosphamide, Doxorubicin, and Prednisone (pola-R-CHP) Versus Rituximab, Cyclophosphamide, Doxorubicin, Vincristine and Prednisone (R-CHOP) Therapy in Patients with Previously Untreated Diffuse Large B-Cell Lymphoma

# Kann R-CHOP verbessert werden, indem Vincristin durch Polatuzumab Vedotin ersetzt wird?

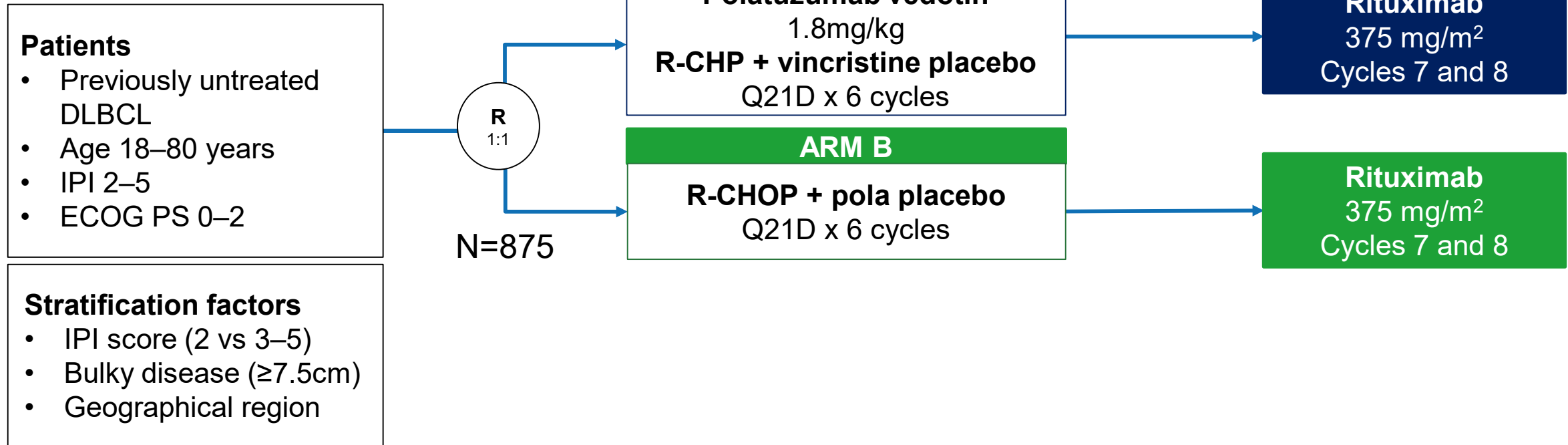
LBA 1 – The POLARIX Study: Polatuzumab Vedotin with Rituximab, Cyclophosphamide, Doxorubicin, and Prednisone (pola-R-CHP) Versus Rituximab, Cyclophosphamide, Doxorubicin, Vincristine and Prednisone (R-CHOP) Therapy in Patients with Previously Untreated Diffuse Large B-Cell Lymphoma

**Hervé Tilly, MD1**, Franck Morschhauser, MD, PhD2\*, Laurie H. Sehn, MD3, Jonathan W. Friedberg, MD 4, Marek Trněny, MD5, Jeff P. Sharman, MD6, Charles Herbaux, MD7, John M. Burke, MD8, Matthew Matasar, MD9,10, Shinya Rai, MD, PhD11\*, Koji Izutsu, MD, PhD12\*, Neha Mehta-Shah, MD13, Lucie Oberic, D14\*, Adrien Chauchet, MD15\*, Wojciech Jurczak, PhD, MD16, Yuqin Song, MD17\*, Richard Greil, MD18, Larysa Mykhalska, MD19\*, Juan Miguel Bergua Burgues, MD20\*, Matthew C. Cheung, MD21, Antonio Pinto, MD22\*, Ho-Jin Shin, MD, PhD23\*, Greg Hapgood, MD, PhD24\*, Eduardo Munhoz, MD25\*, Paul brisqueta Costa, MD, PhD26\*, Jyh-Pyng Gau, MD27\*, Jamie Hirata, PharmD28, Yanwen Jiang, PhD28\*, Mark Yan, PhD29\*, Calvin Lee, MD28, Christopher R. Flowers, MD30 and Gilles Salles, MD, PhD31



# Kann R-CHOP verbessert werden, indem Vincristin durch Polatumumab Vedotin ersetzt wird?

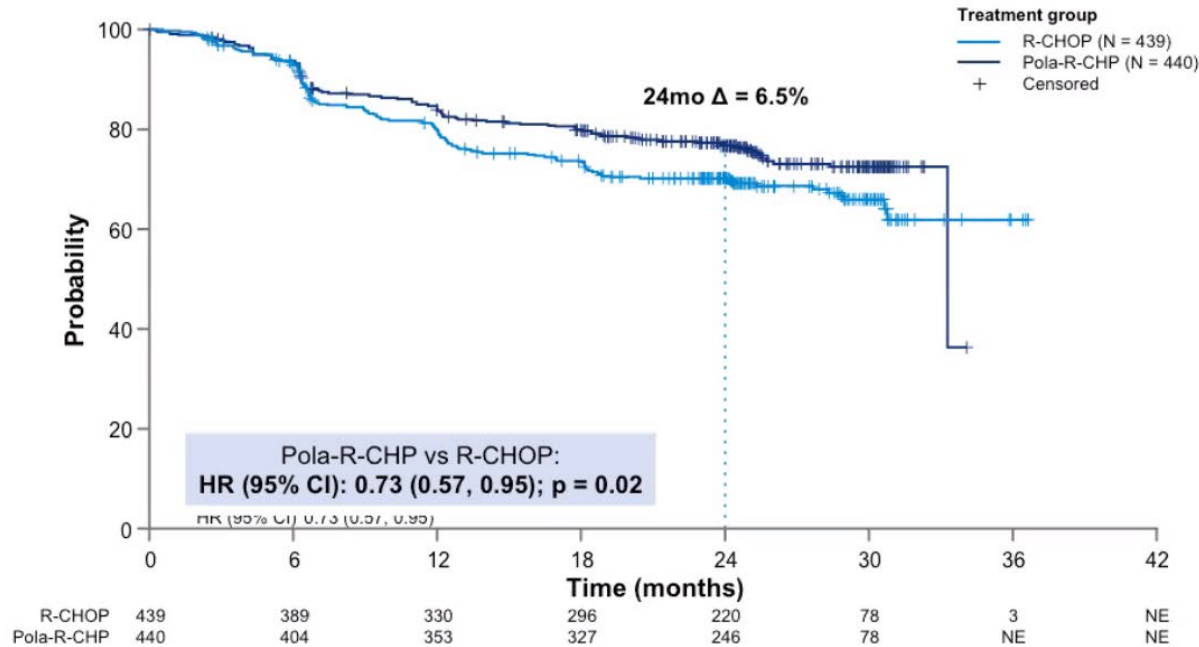
## LBA 1 – The POLARIX Study



Study population	R-CHOP	Pola-R-CHP	Total
Intention-to-treat (as randomised population)	439	440	879
Safety evaluable (as treated population)	438**	435	873

# Polarix Primary Endpoint PFS

## Investigator-assessed PFS – ITT population



At the CCOD of June 28 2021, 241 PFS events were observed

- Minimum follow up: 24 months
- Median duration on study: 27.9 months

## Gesamtüberleben

**Pola+R-CHP vs R-CHOP:  
Number of events: 53 (12%) vs 57 (13%)  
HR (95% CI): 0.94 (0.65, 1.37); p = 0.75**

# Polarix Safety

Adverse event (AE) summary, n (%)	R-CHOP (N = 438)	Pola-R-CHP (N = 435)
Any grade AE	431 (98.4)	426 (97.9)
Grade 3–4 AE	252 (57.5)	251 (57.7)
Grade 5 AE	10 (2.3)	13 (3.0)
Serious AE	134 (30.6)	148 (34.0)
Related to any study drug	86 (19.6)	112 (25.7)
AE leading to treatment discontinuation		
Any study treatment	29 (6.6)	27 (6.2)
Polatuzumab vedotin/vincristine	22 (5.0)	19 (4.4)
AE leading to dose reduction		
Any study treatment	57 (13.0)	40 (9.2)
Polatuzumab vedotin/vincristine	45 (10.3)	24 (5.5)
AE leading to dose interruption		
Any study treatment	111 (25.3)	103 (23.7)
Polatuzumab vedotin/vincristine	60 (13.7)	61 (14.0)

- *Pola-R-CHP is comparable with R-CHOP*
- *Fewer dose reductions were observed in the pola-R-CHP arm*



## Authors' Conclusion:

“The pola-R-CHP combination demonstrated a 27% reduction in the relative risk of disease progression, relapse, or death compared with R-CHOP, with a similar safety profile in the first-line treatment of patients with DLBCL.”

## Kapitel 2

Ist die intravenöse HD-MTX Prophylaxe für Hochrisiko-DLCBL Patienten eigentlich wirksam und sicher?

# Ist die intravenöse HD-MTX Prophylaxe für Hochrisiko-DLCBL Patienten eigentlich wirksam und sicher?

## 181 – High-Dose Methotrexate Is Not Associated with Reduction in CNS Relapse in Patients with Aggressive B-Cell Lymphoma: An International Retrospective Study of 2300 High-Risk Patients

Katharine Louise Lewis, BMBS, FRCPath, MRCPATH1,2, Lasse H. Jakobsen, MSc, PhD3\*, Diego Villa, M PH, FRCPC4, Sabela Bobillo, MD, PhD5\*, Karin Ekstroem Smedby, MD, PhD6\*, Kerry J. Savage, MD, MSc, FRCPC4, Toby A. Eyre7\*, Kate Cwynarski8\*, Paris L Caporn, BBiomedSc9\*, Joan Van Zyl, BBioMedSc9\*, Magdalena Klanova, MD, PhD10,11\*, Marek Trněný, MD, Prof12,13, Robert Puckrin, MD FRCPC14\*, Douglas A. Stewart, MD, FRCPC15,16, Mark J Bishton, MB ChB, PhD17\*, Christopher P. Fox17\*, Aung M Tun, MD18\*, Gita Thanarajasingam, MD18, Faouzi Djebbari19\*, Erel Joffe, MD, MSc20, Sandra Eloranta, PhD21\*, Sara Harrysson, MD21\*, Laurie H. Sehn, MD22, Seth M Maliske, MD23, Kittika Poonsombudlert, MD24, Xiao Guo, MD25\*, Greg Hapgood, MD, PhD25\*, Kate Manos26\*, Eliza Hawkes, MD27, Jahanzaib Khwaja28\*, Adrian Minson, MBBS29\*, Michael Dickinson, MBBS29,30, Andreas Kiesbye Øvlisen, MD3\*, Gareth P Gregory, MBBS PhD31, Michael Gilbertson, MBBS (Hons) FRACP FRCPA32\*, Isaac T Streit, MSc4\*, Hamish W Scott33\*, Matthew Ku34,35, Sanjay de Mel, BSc (Hons) BM (Hons), MRCP(UK), FRCPath36\*, Kar Ying Yong, MBBS, MRCP37\*, Liu Xin, M.A. in Counselling and Guidance, MSc in Biomedical Engineering37\*, Mridula Mokoonlall, MBBS38\*, Dipti Talaulikar, PhD, FRACP, FRCPA, MBBS38, Nicholas L McVilly, MBBS39\*, Anna Johnston, MBBS, FRACP, FRCPA39,40\*, Matthew J Brunner, MD41\*, Priyanka A Pophali, MD42,43, Matthew Maurer, MS, DMSc44\*, Tarec Christoffer El-Galaly, MD3 and Chan Yoon Cheah2,9,45

# Ist die intravenöse HD-MTX Prophylaxe für Hochrisiko-DLCBL Patienten eigentlich wirksam und sicher?

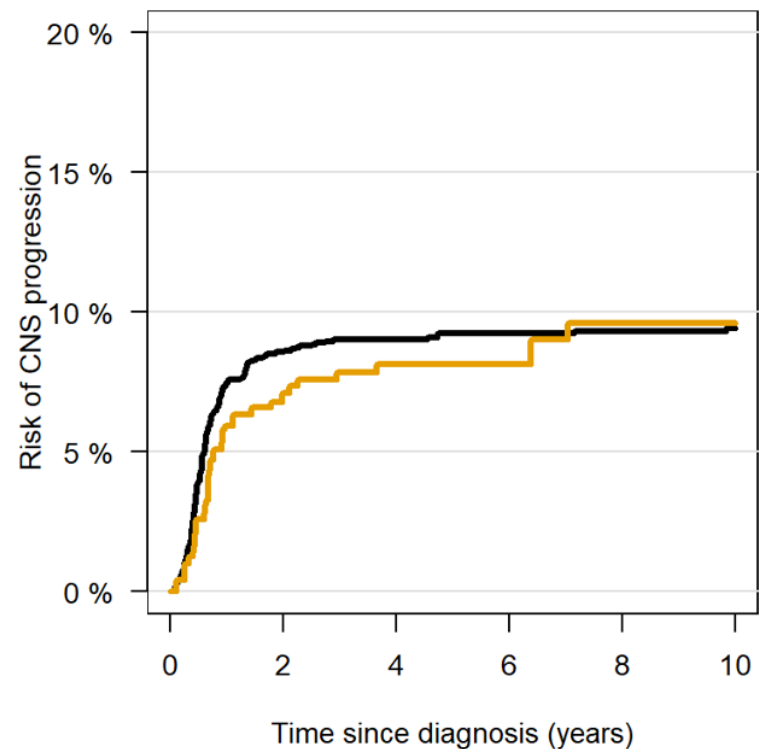
181 – High-Dose Methotrexate Is Not Associated with Reduction in CNS Relapse in Patients with Aggressive B-Cell Lymphoma: An International Retrospective Study of 2300 High-Risk Patients

	Alle Patienten (n = 2300)		CR Patienten (n = 1455)	
	Kein HD-MTX (n = 1890)	HD-MTX (n = 410)	Kein HD-MTX (n = 1171)	HD-MTX (n = 284)
DLBCL [%, n]	93,5 (1768)	90,2 (370)	94,2 (1103)	90,5 (257)
HGBCL mit MYC + BCL2/BCL6 [%, n]	6,5 (122)	9,8 (40)	5,8 (68)	9,5 (27)
CNS-IPI 4-6 [%, n]	89,2 (2052)		87,0 (1267)	
B-Symptome [%, n]	54,1 (1007)	53,9 (219)	48,4 (560)	48,4 (136)
Erhöhtes LDH [%, n]	87,9 (1648)	86,5 (351)	84,8 (989)	83,7 (236)
<b>Behandlung [%, n]</b>				
a) R-CHOP, G-CHOP, R-CEOP	94,2 (1780)	92,2 (378)	93,9 (1100)	91,2 (259)
b) DA-EPOCH-R	5,8 (110)	7,8 (32)	6,1 (71)	8,8 (25)
Keine ZNS Prophylaxe [%, n]	77,0 (1455)	-	74,6 (873)	-
HD-MTX [%, n]	-	64,6 (265)	-	59,9 (170)
IT-MTX [%, n]	23,0 (435)	-	25,4 (298)	-
HD-MTX + IT-MTX [%, n]	-	35,4 (145)	-	40,1 (114)

# Ist die intravenöse HD-MTX Prophylaxe für Hochrisiko-DLCBL Patienten eigentlich wirksam und sicher?

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## Cumulative incidence of CNS relapse: All-pts (n=2267)



Median time to CNS relapse from diagnosis:

- HD-MTX 8.5 months
- No HD-MTX 6.7 months

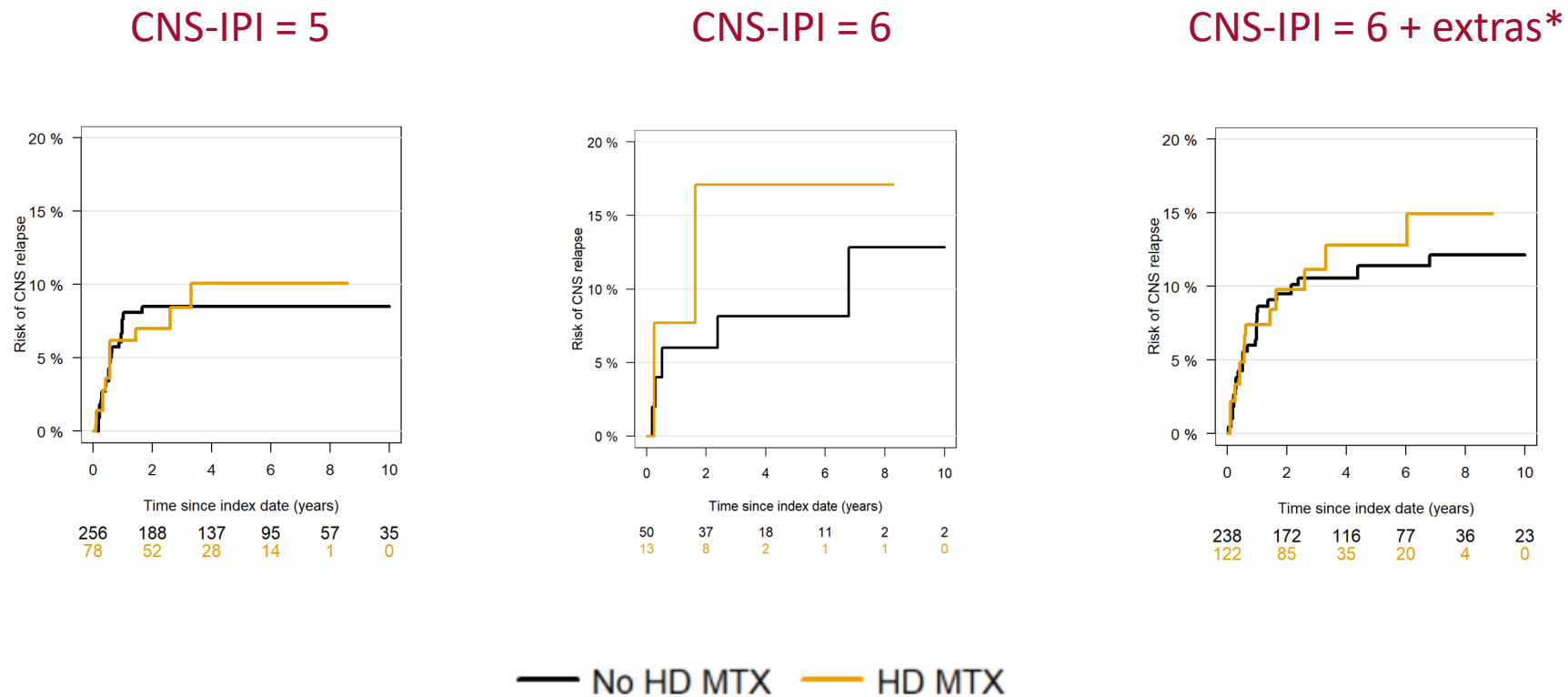
— No HD-MTX — HD-MTX

1851	1023	706	470	258	132
386	245	117	63	17	7



# Ist die intravenöse HD-MTX Prophylaxe für Hochrisiko-DLCBL Patienten eigentlich wirksam und sicher?

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\*extras = patients with specific high risk extranodal sites (testis, breast, renal, adrenal)

# SUMMARY AND CONCLUSIONS

**Diese größte und sehr ordentliche retrospektive Analyse für die Wirksamkeit der iv HD-MTX Prophylaxe zeigt**

- Bestätigte (!) Gesamtinzidenz ZNS-Rezidive im HR Kollektiv = 9%
- Keine Verminderung von gesamten SCNS-Rezidiv Raten oder CR-Patienten nach kurativer Therapie
- Wahrscheinlich kein Zusammenhang mit klinisch relevanter Reduktion der SCNS-Rezidiv-Raten

# Kapitel 3

Erstes frühes Rezidiv oder Progress unter der Erstlinientherapie eines aggressiven großzelligen B-Zell Lymphoms (LBLC) bei Hochdosistherapie-fähigen Patienten:

Ist die gegen CD19 gerichtete CAR T-Zelltherapie der Hochdosistherapie überlegen?

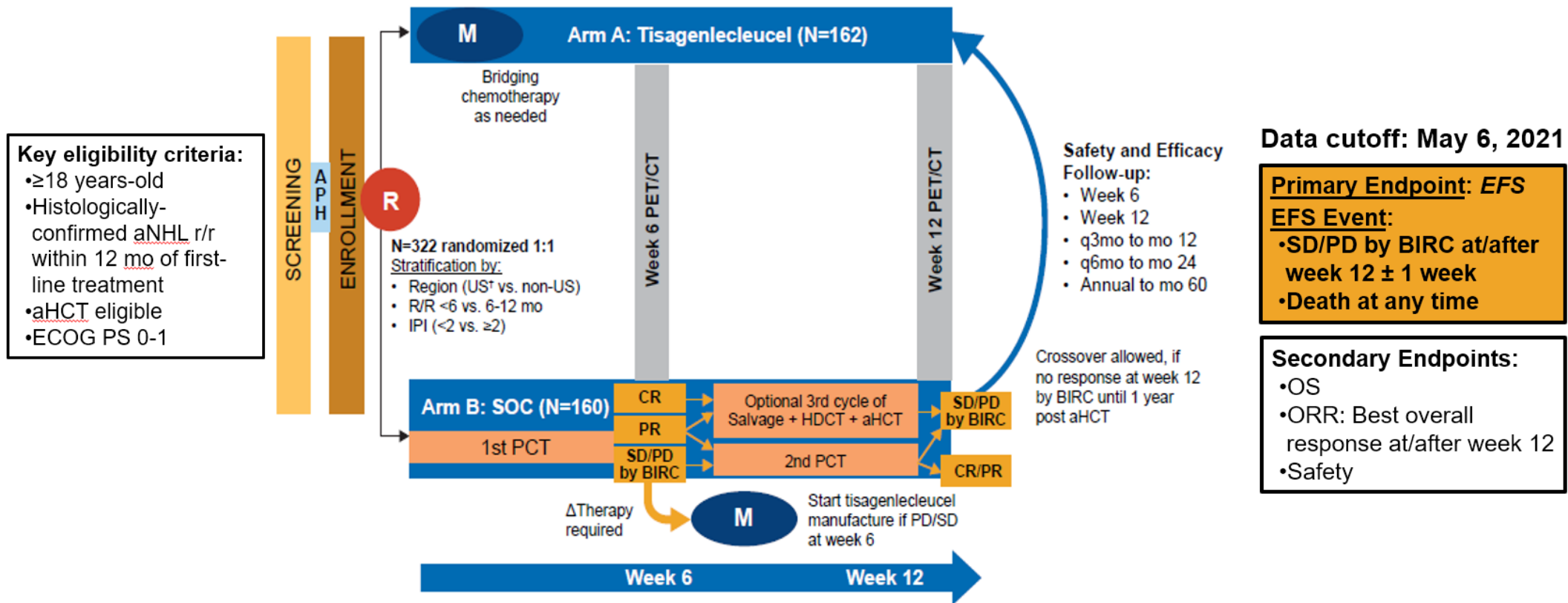
# Ist die gegen CD19 gerichtete CAR T-Zelltherapie der Hochdosistherapie überlegen?

LBA 6 – 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, MD**<sup>1</sup>, Michael Dickinson, MBBS<sup>2</sup>, Duncan Purtill<sup>3\*</sup>, Pere Barba, MD, PhD<sup>4\*</sup>, Armando Santoro<sup>5\*</sup>, Nada Hamad<sup>6</sup>, Koji Kato, MD, PhD<sup>7</sup>, Anna Sureda<sup>8</sup>, Richard Greil, MD<sup>9</sup>, Catherine Thieblemont, MD, PhD<sup>10</sup>, Franck Morschhauser, MD, PhD<sup>11\*</sup>, Martin Janz<sup>12\*</sup>, Ian W. Flinn, MD, PhD<sup>13</sup>, Werner Rabitsch<sup>14\*</sup>, Yok Lam Kwong<sup>15\*</sup>, Marie Jose Kersten, MD, PhD<sup>16</sup>, Monique C. Minnema, MD<sup>17</sup>, Harald Holte, MD, PhD<sup>18</sup>, Esther Hian Li Chan<sup>19\*</sup>, Joaquin Martinez-Lopez<sup>20\*</sup>, Antonia MS Mueller, MD<sup>21</sup>, Richard T. Maziarz, MD<sup>22</sup>, Joseph P. McGuirk, DO<sup>23</sup>, Emmanuel Bachy, MD, PhD<sup>24\*</sup>, Steven Le Gouill<sup>25</sup>, Martin Dreyling, MD<sup>26</sup>, Hideo Harigae, MD, PhD<sup>27</sup>, David A. Bond, MD, BS<sup>28</sup>, Charalambos Andreadis, MD, MS<sup>29</sup>, Peter A. McSweeney, MD<sup>13</sup>, Mohamed A. Kharfan-Dabaja, MD, MBA<sup>30</sup>, Simon Newsome<sup>31\*</sup>, Evgeny Degtyarev<sup>31\*</sup>, Chris Del Corral, PharmD<sup>32\*</sup>, Giovanna Andreola, MD<sup>31\*</sup>, Aisha Masood, MD<sup>32</sup>, Stephen J Schuster, MD<sup>33</sup>, Ulrich Jaeger<sup>34</sup>, Peter Borchmann, MD<sup>35</sup> and Jason R. Westin, MD<sup>36</sup>

# Ist die gegen CD19 gerichtete CAR T-Zelltherapie der Hochdosistherapie überlegen?

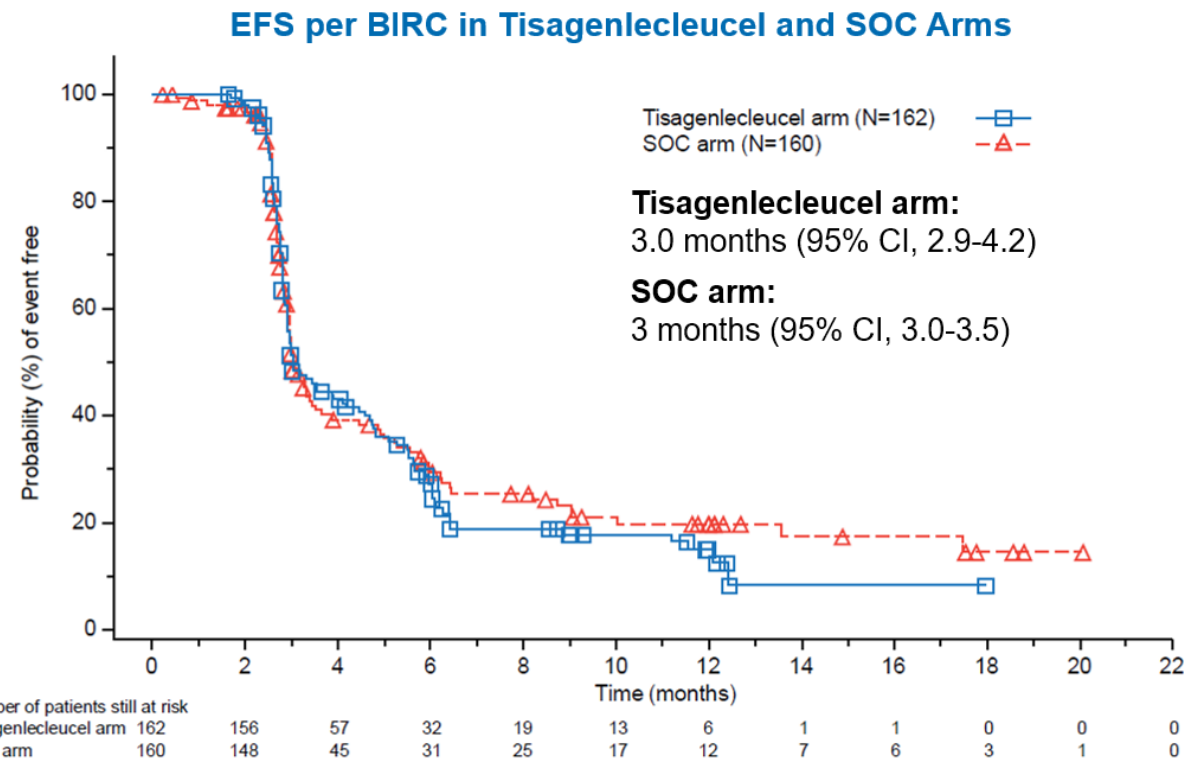
- BELINDA: bridging allowed, cross-over allowed, primary endpoint EFS





# Study outcomes

Wirksamkeit	Arm A (n=162) Tisa- Cel	Arm B (n=160) SOC
Progression nach 6 Wo [%]	26	14
Medianes EFS [Mo]	3	3
Gesamt Ansprechrates (ORR) Wo 12 [%]	46	43
Vollständige Ansprechrates (CRR) [%]	28	28



ASH 2021: Locke F.L. *et al.*, 2: Primary Analysis of ZUMA-7: A Phase 3 Randomized Trial of Axicabtagene Ciloleucel (Axi-Cel) Versus Standard-of-Care Therapy in Patients with Relapsed/Refractory Large B-Cell Lymphoma

# SUMMARY AND CONCLUSIONS

**BELINDA als erste negative randomisierte, globale, multizentrische Phase-3-Studie zu Tisa-cel vs. 2L SOC bei R/R LBCL**

- Tisa-cel in der Zweitlinientherapie bei R/R aNHL Patienten führte nicht zu längerem ereignisfreiem Überleben als unter SOC
- Mögliche Einflussfaktoren sind:
  - das Studiendesign und die EFS Definition
  - das optionale PCT Bringing bei Arm A
  - der optionale PCT-Wechsel in Arm B

# Ist die gegen CD19 gerichtete CAR T-Zelltherapie der Hochdosistherapie überlegen?

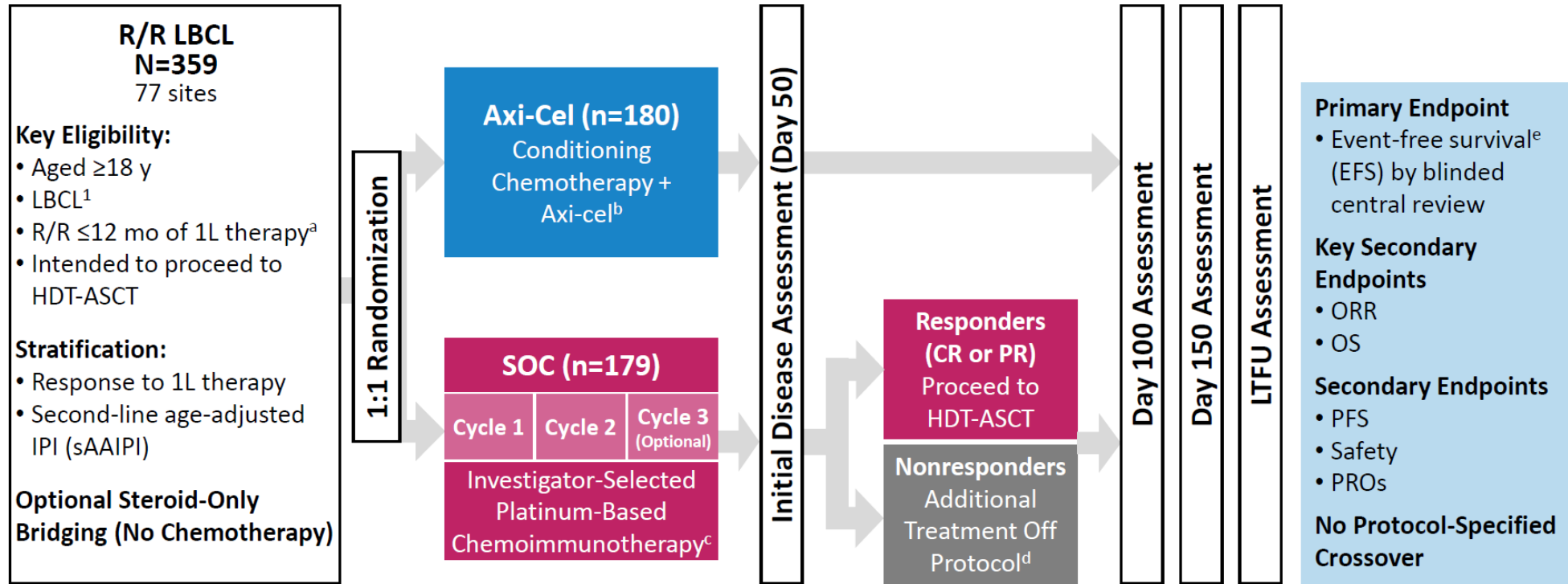
2 – Primary Analysis of ZUMA-7: A Phase 3 Randomized Trial of Axicabtagene Ciloleucel (Axi-Cel) Versus Standard-of-Care Therapy in Patients with Relapsed/Refractory Large B-Cell Lymphoma

**Frederick L. Locke, MD**<sup>1</sup>, David B. Miklos, MD, PhD<sup>2</sup>, Caron Jacobson, MD<sup>3</sup>, Miguel-Angel Perales, MD<sup>4</sup>, Marie Jose Kersten, MD, PhD<sup>5</sup>, Olalekan O. Oluwole, MBBS, MPH<sup>6</sup>, Armin Ghobadi, MD<sup>7\*</sup>, Aaron P. Rapoport, MD<sup>8</sup>, Joseph P. McGuirk, DO<sup>9</sup>, John M. Pagel, MD, PhD<sup>10</sup>, Javier Munoz, MD, MS, MBA, FACP<sup>11\*</sup>, Umar Farooq, MD<sup>12</sup>, Tom Van Meerten, MD, PhD<sup>13\*</sup>, Patrick M. Reagan, MD<sup>14</sup>, Anna Sureda<sup>15</sup>, Ian W. Flinn, MD, PhD<sup>16</sup>, Peter Vandenberghe, MD, PhD<sup>17</sup>, Kevin Song, MD, FRCPC<sup>18</sup>, Michael Dickinson, MBBS<sup>19</sup>, Monique C. Minnema, MD<sup>20</sup>, Peter A. Riedell, MD<sup>21</sup>, Lori A. Leslie, MD<sup>22\*</sup>, Sridhar Chaganti, MD<sup>23\*</sup>, Yin Yang, MS, MD<sup>24\*</sup>, Simone Filosto, PhD<sup>24\*</sup>, Marco Schupp, MD<sup>24\*</sup>, Christina To, MD<sup>24\*</sup>, Paul Cheng, MD, PhD<sup>24</sup>, Leo I. Gordon, MD<sup>25</sup> and Jason R. Westin, MD<sup>26</sup>

# Study Design

**ZUMA-7, no bridging, no cross-over (out of protocol 56% CARs in SOC), primary endpoint EFS, HDCT in SOC 36%**

**Median FU 24.9 m, median age around 60 y, LDH Y UNL around 50%, refractory disease around 74%**

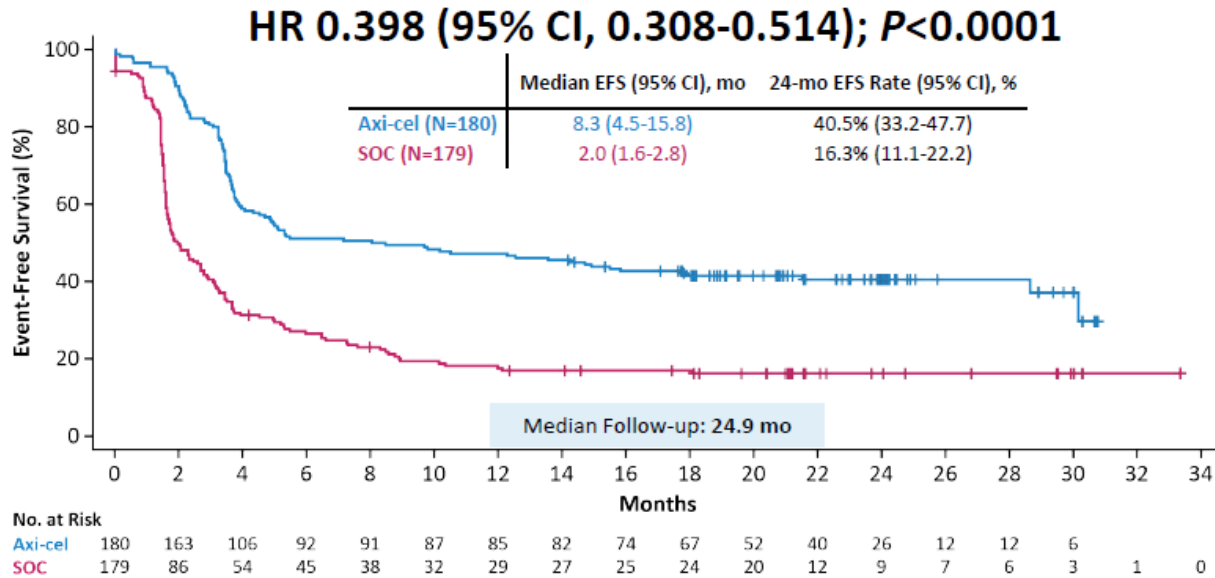


<sup>a</sup> Refractory disease was defined as no CR to 1L therapy; relapsed disease was defined as CR followed by biopsy-proven disease relapse  $\leq 12$  months from completion of 1L therapy. <sup>b</sup> Axi-cel patients underwent leukapheresis followed by conditioning chemotherapy with cyclophosphamide (500 mg/m<sup>2</sup>/day) and fludarabine (30 mg/m<sup>2</sup>/day) 5, 4, and 3 days before receiving a single axi-cel infusion (target intravenous dose,  $2 \times 10^6$  CAR T cells/kg).

<sup>c</sup> Protocol-defined SOC regimens included R-GDP, R-DHAP, R-ICE, or R-ESHAP. <sup>d</sup> 56% of patients received subsequent cellular immunotherapy. <sup>e</sup> EFS was defined as time from randomization to the earliest date of disease progression per Lugano Classification,<sup>2</sup> commencement of new lymphoma therapy, or death from any cause.

1. Swerdlow SH, et al. *Blood*. 2016;127:2375-2390. 2. Cheson BD, et al. *J Clin Oncol*. 2014;32:3059-3068.

# Study outcomes



	Axi-Cel EFS Event/N	SOC EFS Event/N	HR (95% CI)
<b>Overall</b>	108/180	144/179	0.398 (0.308-0.514)
<b>Age, years</b>			
<65	81/129	96/121	0.490 (0.361-0.666)
≥65	27/51	48/58	0.276 (0.164-0.465)
<b>Response to 1L therapy at randomization</b>			
Primary refractory	85/133	106/131	0.426 (0.319-0.570)
Relapse ≤12 months of 1L therapy	23/47	38/48	0.342 (0.202-0.579)
<b>sAAIPI</b>			
0-1	54/98	73/100	0.407 (0.285-0.582)
2-3	54/82	71/79	0.388 (0.269-0.561)
<b>Prognostic marker per central laboratory</b>			
HGBL-double/triple hit	15/31	21/25	0.285 (0.137-0.593)
Double expressor lymphoma	35/57	50/62	0.424 (0.268-0.671)

Axi-Cel Better      SOC Better

0.1   0.2   0.5   1   2   5

Kaplan-Meier-Schätzungen 24 Monate EFS [%]	41	16		
Median OS [Mo]	NR	35,1	HR 0,730	P=0,027

- ASH 2021: Locke F.L. *et al.*, 2: Primary Analysis of ZUMA-7: A Phase 3 Randomized Trial of Axicabtagene Ciloleucl (Axi-Cel) Versus Standard-of-Care Therapy in Patients with Relapsed/Refractory Large B-Cell Lymphoma



# SUMMARY AND CONCLUSIONS

**ZUMA-7 als erste randomisierte, globale, multizentrische Phase-3-Studie zu axi-cel vs. 2L SOC bei R/R LBCL**

**Axi-cel zeigt Überlegenheit gegenüber dem SOC**

- Signifikante und klinisch relevante Verbesserung des EFS
- Dauerhafter Unterschied im EFS: 41% versus 16% nach 2 Jahren
- Doppelt so hohen CR-Rate

**Authors' conclusions: new standard of care for relapsed DLBCL patients**

# Ist die gegen CD19 gerichtete CAR T-Zelltherapie der Hochdosistherapie überlegen?

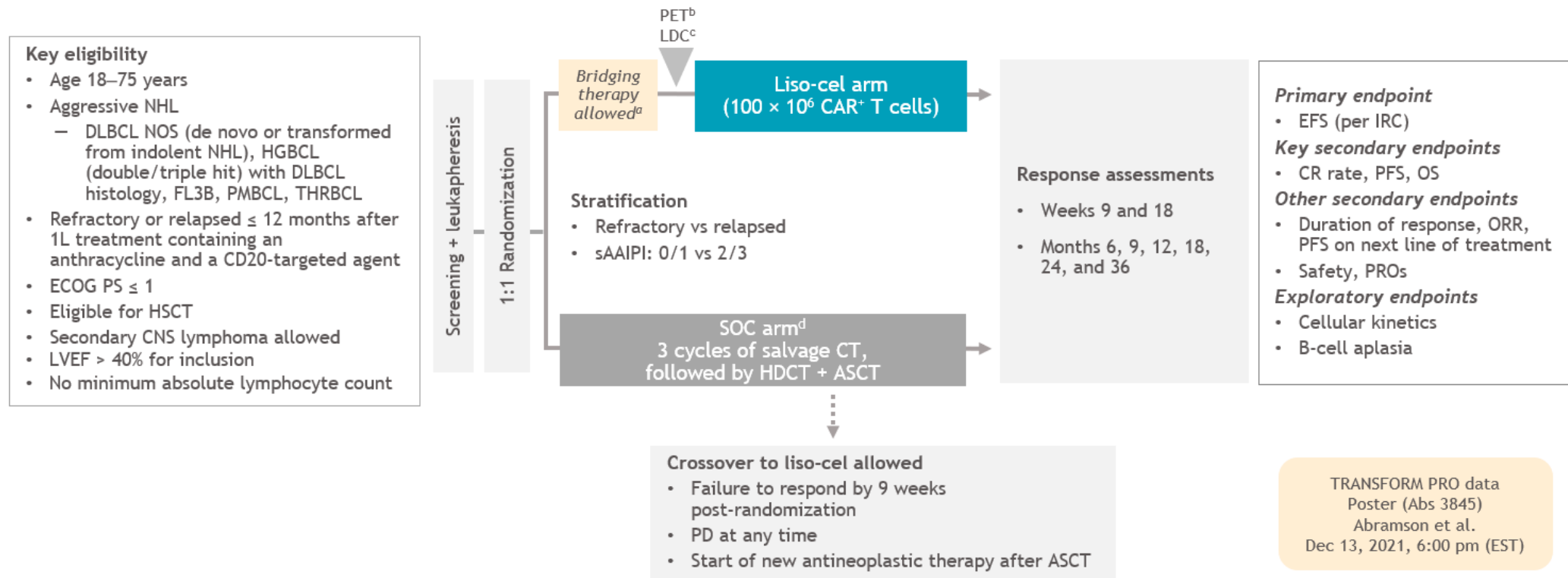
91 – Lisocabtagene Maraleucel (liso-cel), a CD19-Directed Chimeric Antigen Receptor (CAR) T Cell Therapy, Versus Standard of Care (SOC) with Salvage Chemotherapy (CT) Followed By Autologous Stem Cell Transplantation (ASCT) As Second-Line (2L) Treatment in Patients (Pts) with Relapsed or Refractory (R/R) Large B-Cell Lymphoma (LBCL): Results from the Randomized Phase 3 Transform Study

**Manali Kamdar, MD**<sup>1</sup>, Scott R. Solomon, MD<sup>2</sup>, Jon E. Arnason, MD<sup>3</sup>, Patrick B. Johnston, M.D., Ph.D.<sup>4</sup>, Bertram Glass, MD<sup>5\*</sup>, Veronika Bachanova, MD, PhD<sup>6</sup>, Sami Ibrahim, MD<sup>7</sup>, Stephan Mielke, MD<sup>8</sup>, Pim G.N.J. Mutsaers, MD, PhD<sup>9\*</sup>, Francisco J. Hernandez-Ilizaliturri, MD<sup>10</sup>, Koji Izutsu, MD, PhD<sup>11\*</sup>, Franck Morschhauser, MD, PhD<sup>12,13\*</sup>, Matthew A. Lunning, DO, FACP<sup>14</sup>, David G. Maloney, MD, PhD<sup>15</sup>, Alessandro Crotta, MD<sup>16\*</sup>, Sandrine Montheard, MS<sup>17\*</sup>, Alessandro Previtali, MSc<sup>16\*</sup>, Lara Stepan, BS<sup>18\*</sup>, Ken Ogasawara, PhD, MPH<sup>19\*</sup>, Timothy Mack, PhD<sup>18\*</sup> and Jeremy S. Abramson, MD<sup>20</sup>

# Study Design

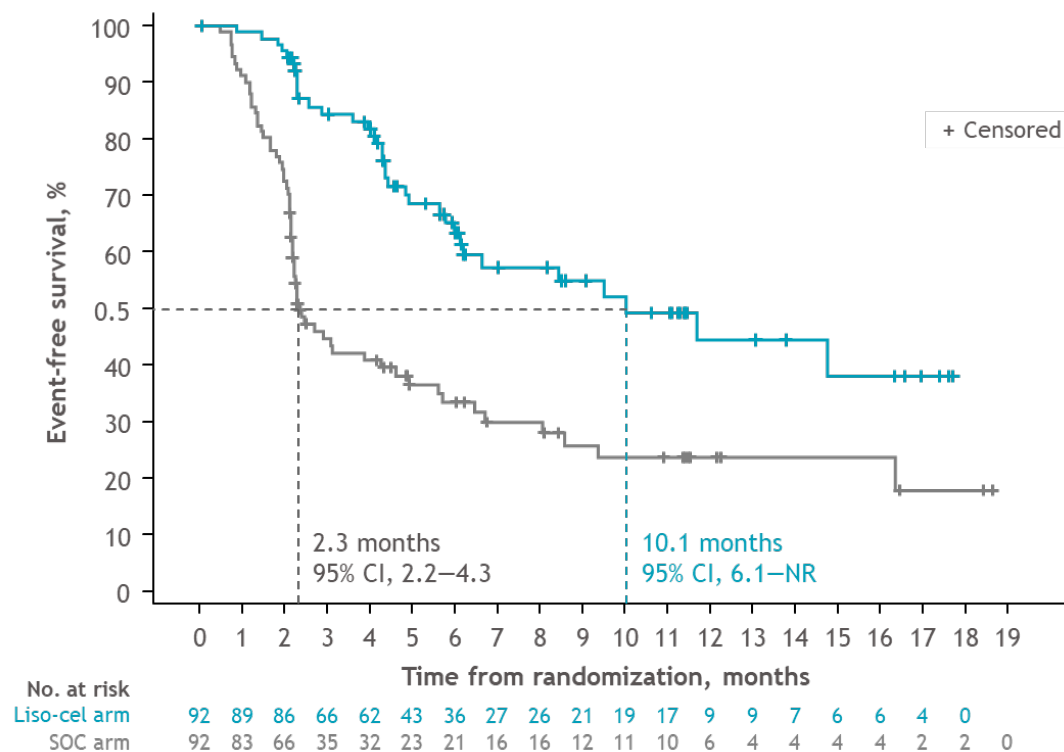
**TRANSFORM, bridging allowed (63%), cross-over allowed (47 patients (51%) CARs in SOC), primary endpoint EFS, HDCT in SOC 42%**

**Median FU 6.2 m, median age around 60 y, LDH > 500 around 12.5%, refractory disease around 74%**



- EFS is defined as time from randomization to death due to any cause, progressive disease, failure to achieve CR or PR by 9 weeks post-randomization, or start of a new antineoplastic therapy, whichever occurs first

# Study outcomes



	Liso-cel arm (n = 92)	SOC arm (n = 92)
Patients with events, n	35	63
Stratified HR (95% CI)	0.349 (0.229–0.530)	
	<i>P</i> < 0.0001	
6-month EFS rate, % (SE)	63.3 (5.77)	33.4 (5.30)
Two-sided 95% CI	52.0–74.7	23.0–43.8
12-month EFS rate, % (SE)	44.5 (7.72)	23.7 (5.28)
Two-sided 95% CI	29.4–59.6	13.4–34.1

One-sided *P* value significance threshold to reject the null hypothesis was < 0.012

Median OS [Mo]	NR	16,4	0.509 (0.258—1.004)	<i>P</i> = 0.0257
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# SUMMARY AND CONCLUSIONS

**TRANSFORM als zweite positive randomisierte, globale, multizentrische Phase-3-Studie zu Liso-cel vs. 2L SOC bei R/R LBCL**

Statistisch signifikante und klinisch bedeutsame Verbesserung von EFS, CR-Rate, PFS  
Bei Patienten mit R/R LBCL und  $\leq 12$  Monate nach 1L

Authors' conclusions:

“In this phase 3, randomized, controlled trial, liso-cel improved outcomes versus salvage CT followed by HDCT and ASCT and exhibited a favorable safety profile, providing support for liso-cel as a potential new standard of care for 2L treatment in patients with R/R LBCL”



Die Kurzpräsentationen sind online unter

**[www.lymphome.de/ash2021](http://www.lymphome.de/ash2021)**

Für den Inhalt verantwortlich:

Prof. Dr. med. Peter Borchmann

Uniklinik Köln



Das Informationsprojekt wird unterstützt von den Firmen



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Diese hatten keinen Einfluss auf die Inhalte.