First-line treatment (Tx) with subcutaneous (SC) epcoritamab (epco) + **R-CHOP in patients (pts)** with high-risk diffuse large **B-cell lymphoma (DLBCL):** phase 1/2 data update

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Objectives

- The EPCORE NHL-2 trial (phase 1/2; NCT04663347) is evaluating epcoritamab combined with different standard of care therapies in patients with B-cell NHL
- To present data from arm 1, which is investigating epcoritamab + R-CHOP in patients with previously untreated high-risk DLBCL

Conclusions

- Epcoritamab + R-CHOP showed encouraging responses: – ORR 100%, CMR 77%
- Epcoritamab + R-CHOP has a manageable safety profile; no new safety signals were detected
- CRS was predictable and generally low grade
- All CRS events resolved
- These updated data support further exploration of epcoritamab + **R-CHOP** in first-line DLBCL





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Background

- Patients with DLBCL, particularly those considered high/poor risk (ie, with 3–5 risk factors, based on the revised IPI), have poor outcomes with standard first-line therapy (R-CHOP), with 55% overall survival at 4 vears^{1,2}
- A significant unmet need remains in this population, and new approaches are needed
- Epcoritamab (DuoBody[®]-CD3xCD20) is a subcutaneously administered (SC) bispecific antibody that binds to CD3 on T cells and CD20 on B cells to induce T-cell–mediated killing of CD20⁺ malignant B cells^{3,4}
- Epcoritamab-mediated T-cell cytotoxicity is maintained in combination with R-CHOP^{3,5}
- In the dose-escalation part of the EPCORE NHL-1 phase 1/2 trial, single-agent epcoritamab had a manageable safety profile and substantial antitumor activity in patients with heavily pretreated B-cell NHL⁶
- Epcoritamab is well suited for combination therapy due to its mechanism of action, distinct from that of the components of standard of care R-CHOP^{3,5,7}

Baseline Demographics and Characteristics

haracteristic	Total N=33
edian age, y (range)	66 (19–82)
ale, n (%)	18 (55)
COG PS, n (%)	
0	13 (39)
1	16 (48)
2	4 (12)
nn Arbor stage, n (%)	
III	7 (21)
IV	26 (79)
l score, n (%) ^a	
3	18 (55)
4–5	10 (30)
LBCL subtype, n (%)	
De novo	28 (85)
Transformed	5 (15)
YC/BCL2/BCL6 rearrangements, n (%)	
Double-hit lymphoma	3 (9)
Triple-hit lymphoma	5 (15)
edian time from diagnosis to first dose, d ange)	26 (5–70)
ta cutoff: March 25, 2022, ^a The 5 natients not represented all had IPI sco	res of >3

Follow-Up and Treatment Exposure

	Total N=33
edian follow-up, mo (range) ^a	6.9 (0.8–14.7)
ngoing treatment, n (%)	24 (73)
iscontinued treatment, n (%)	6 (18)
PD	2 (6)
AE	1 (3)
Other reason	3 (9)
ompleted treatment, n (%)	3 (9)
eatment exposure	
Median number of epcoritamab cycles initiated (range)	9 (1–15) ^b
Median duration of treatment, mo (range)	6.3 (0.6–11.5)
Patients with epcoritamab dose delay due to TEAE, n (%)	17 (52)
Patients who completed 6 cycles of R-CHOP, n (%)	30 (91)

Data cutoff: March 25, 2022. ^aMedian is Kaplan–Meier estimate. ^bOne patient received an extra dose due to a repriming cycle, causing maximum to be 15.



Data cutoff: March 25, 2022. ^aCombined term includes neutropenia and neutrophil count decreased; 4 patients (12%) had febrile neutropenia (grade 1–2, n=1; grade 3, n=3). ^bCombined term includes injection-site pain, pruritus, rash, reaction, and swelling. Combined term includes thrombocytopenia and platelet count decreased

No events of clinical tumor lysis syndrome

CRS Graded by Lee et al⁹ 2019 Criteria

	-	
	Total N=33	
CRS, n (%)	17 (52)	
Grade 1	9 (27)	
Grade 2	7 (21)	
Grade 3	1 (3)	
CRS resolution, n (%)	17 (100)	
Median time to resolution, d (range) ^a	2 (1–11)	
CRS leading to treatment discontinuation, n (%)	0	
Tocilizumab use, n (%)	5 (15)	
Data cutoff: March 25, 2022. ^a Median is Kaplan–Meier estimate based on longest CRS duration in patients with CRS; range is defined by shortest and longest CRS		

• CRS was mostly low grade; all cases resolved



Results

• One patient (3%) had ICANS (grade 2), which resolved in 4 days

CRS Events by Dosing Period



Data cutoff: March 25, 2022. Priming dose: n=33; intermediate dose: n=33; first full dose: n=33: second full dose: n=32: third full dose and later: n=32

• CRS occurrence was predictable; most cases occurred following the first full dose with a median time to onset of 2 days (range, 1-4)

Best Overall Responses

Response, n (%)ª	
Overall response	
CMR	
PMR	
Stable disease	
Progressive disease	

Data cutoff: March 25, 2022. ^aBased on modified response-evaluable population, defined as patients with ≥1 target lesion at baseline and ≥1 postbaseline response evaluation and patients who died within 60 d of first dose.

Response Profile



Data cutoff: March 25, 2022. Per protocol, patients continued to receive scans if they discontinued treatment for reasons other than PD. a This patient completed treatment per protocol. bPatient did not achieve CMR after completing 6 cycles of R-CHOP

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Acknowledgment

On behalf of all the authors, we would like to thank the patients, study investigators, and site personnel for their participation in this study. Medical writing and graphical support were provided by Peloton Advantage, LLC, an OPEN Health company, Parsippany, NJ, USA, and funded by Genmab. This study was funded by Genmab A/S and AbbVie

31 (100) 24 (77) 7 (23)

