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The central graphic features a wireframe globe with a blue grid, surrounded by a network of glowing blue nodes and lines. Scattered around the globe are several colorful, faceted geometric shapes in shades of red, orange, yellow, green, and blue. The text 'EHA 2021 VIRTUAL' is prominently displayed in the center.

# EHA 2021 VIRTUAL

| **Connecting Hematology - For Clinical and Research Excellence**

# Tislelizumab (BGB-A317) for Relapsed/Refractory Classical Hodgkin Lymphoma: Long-term Follow-up Efficacy and Safety Results From a Phase 2 Study

**Yuqin Song, MD, PhD<sup>1</sup>; Quanli Gao, MD<sup>2</sup>; Huilai Zhang, MD, PhD<sup>3</sup>; Lei Fan, MD, PhD<sup>4</sup>; Jianfeng Zhou, MD, PhD<sup>5</sup>; Dehui Zou, MD<sup>6</sup>; Wei Li, MD<sup>7</sup>; Haiyan Yang, MD, PhD<sup>8</sup>; Ting Liu, MD, PhD<sup>9</sup>; Quanshun Wang, MD, PhD<sup>10</sup>; Fangfang Lv, MD<sup>11</sup>; Haiyi Guo, MD<sup>12</sup>; Xia Zhao, MD<sup>12</sup>; Jane Huang, MD<sup>12</sup>; William Novotny, MD<sup>12</sup>; Yidi Wang, MS<sup>12</sup>; and Jun Zhu, MD, PhD<sup>1</sup>**

<sup>1</sup>Department of Lymphoma, Peking University Cancer Hospital & Institute (Beijing Cancer Hospital), Beijing; <sup>2</sup>Department of Immunotherapy, Affiliated Cancer Hospital of Zhengzhou University, Henan Cancer Hospital, Zhengzhou; <sup>3</sup>Tianjin Medical University Cancer Institute and Hospital, National Clinical Research Center for Cancer, Key Laboratory of Cancer Prevention and Therapy, Tianjin, Tianjin's Clinical Research Center for Cancer, Tianjin; <sup>4</sup>Department of Hematology, The First Affiliated Hospital of Nanjing Medical University, Jiangsu Province Hospital, Collaborative Innovation Center for Cancer Personalized Medicine, Nanjing; <sup>5</sup>Department of Hematology, Tongji Hospital, Tongji Medical College, Wuhan; <sup>6</sup>State Key Laboratory of Experimental Hematology, Institute of Hematology & Blood Diseases Hospital, Chinese Academy of Medical Sciences and Peking Union Medical College, Tianjin; <sup>7</sup>Department of Hematology, Cancer Center, The First Hospital of Jilin University, Changchun; <sup>8</sup>Department of Oncology, Zhejiang Cancer Hospital, Hangzhou; <sup>9</sup>Department of Hematology, West China Hospital of Sichuan University, Chengdu; <sup>10</sup>Department of Hematology, Chinese PLA General Hospital, Beijing; <sup>11</sup>Department of Medical Oncology, Fudan University Shanghai Cancer Center, Shanghai; <sup>12</sup>BeiGene (Beijing) Co., Ltd., Beijing, China and BeiGene USA, Inc., San Mateo, CA, USA

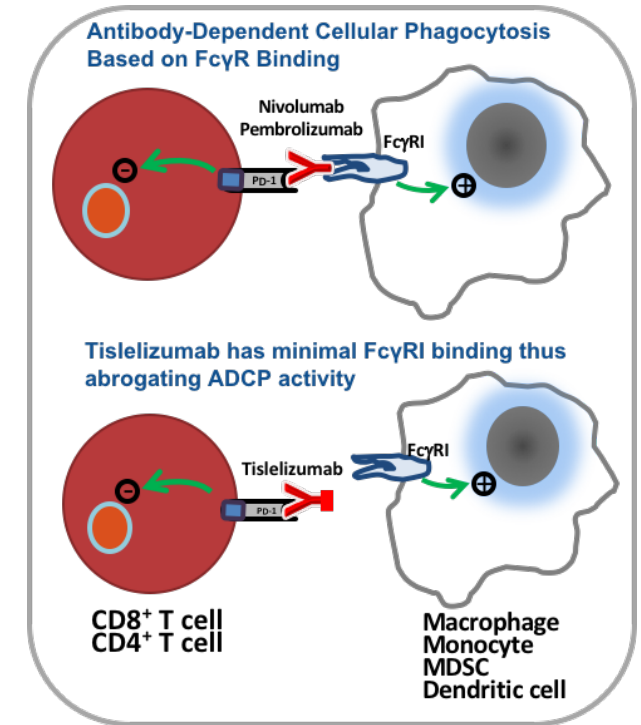
**June 11, 2021**

**Hodgkin lymphoma – Clinical (Abstract S207)**



# BACKGROUND

- Patients with R/R cHL who have failed HDT/ASCT or have chemotherapy-resistant disease and are not candidates for HDT/ASCT have a very poor prognosis<sup>1-4</sup>
- Anti-PD-1 Abs, including nivolumab and pembrolizumab, are active in this setting<sup>5,6</sup>; however, only a minority of patients achieve durable complete remissions<sup>7,8</sup>
- Binding to FcγR on macrophages compromises anti-tumor activity of PD-1 antibodies through activation of antibody-dependent macrophage-mediated killing of effector T cells<sup>9,10</sup>
- Tislelizumab is a humanized IgG4 anti-PD-1 Ab, specifically engineered to minimize binding to FcγR on macrophages<sup>11</sup>
- Presented here are the long-term follow-up data of a pivotal phase 2 trial of tislelizumab in Chinese patients with R/R cHL who have either failed or who are not candidates for HDT/ASCT



# STUDY OVERVIEW

## BGB-A317-203: A Multicenter, Single-Arm Trial<sup>1</sup>

R/R cHL (N=70)

Tislelizumab  
200 mg IV Q3W

Continue treatment until PD, unacceptable toxicity, or end of study

### Primary endpoint:

- ORR assessed by IRC based on PET/CT per Lugano criteria<sup>2</sup>

### Key secondary endpoints:

- DOR, PFS, CR rate, and TTR by IRC; safety endpoints

### Exploratory endpoints:

- OS, biomarkers

### Patients with R/R cHL

- Failed to achieve a response or progressed after ASCT  
or
- Received  $\geq 2$  prior lines of systemic therapy for cHL and were not an ASCT candidate

### Study follow-up time

- Median 33.8 months (range, 3.4-38.6 months)

ASCT, autologous stem cell transplant; cHL, classical Hodgkin lymphoma; CR, complete response; DOR, duration of response; IRC, independent review committee; IV, intravenous; ORR, overall response rate; OS, overall survival; PD, progressive disease; PET, positron emission tomography; PFS, progression-free survival; Q3W, every 3 weeks; R/R, relapsed or refractory; TTR, time to response.

1. Song YQ, et al. *Leukemia*. 2020;34(2):533-542. 2. Cheson BD, et al. *J Clin Oncol*. 2014;32:3059-3067.

# PATIENT CHARACTERISTICS

Baseline Characteristics	Total (N=70)
Median age (range), years	32.5 (18–69)
<b>Age group, n (%)</b>	
<65 years	66 (94.3)
≥65 years	4 (5.7)
<b>Sex, n (%)</b>	
Male	40 (57.1)
Female	30 (42.9)
<b>ECOG performance status, n (%)</b>	
0	48 (68.6)
1	22 (31.4)
Stage IV at study entry, n (%)	42 (60.0)
Bulky disease <sup>a</sup> , n (%)	8 (11.4)
Bone marrow involvement, n (%)	22 (31.4)
B-symptom(s), n (%)	26 (37.1)
Median time from initial diagnosis (IQR), months	25.33 (12.91–40.54)
Prior lines of systemic therapy, median (range)	3 (2–11)
<b>Type of prior therapy, n (%)</b>	
Chemotherapy	70 (100.0)
ASCT	13 (18.6)
Immunotherapy <sup>b</sup>	15 (21.4)
Brentuximab vedotin	4 (5.7)
Ineligible for prior ASCT <sup>c</sup> , n (%)	57 (81.4)
Patients with prior radiation therapy, n (%)	21 (30.0)

ASCT, autologous hematopoietic stem cell transplant; ECOG, Eastern Cooperative Oncology Group; IQR, interquartile range.

<sup>a</sup>Mediastinal mass ratio of 0.33 or size of any single node/nodal mass ≥10 cm in diameter. <sup>b</sup>Included brentuximab vedotin, rituximab, cytokine-induced killer cell transfusion, thalidomide, and lenalidomide. <sup>c</sup>Patients were ineligible for ASCT if they did not achieve at least a partial response to salvage chemotherapy, were ≥65 years of age, had contraindicating comorbidities, or due to the failure or inability to collect hematopoietic stem cells. All received ≥2 prior regimens.



# BEST OVERALL RESPONSE BY IRC

Best response <sup>a</sup> , n (%)	N=70
<b>ORR</b> <b>(95% CI<sup>b</sup>)</b>	<b>61 (87.1)</b> <b>(77.0–93.9)</b>
CR (95% CI <sup>b</sup> )	47 (67.1) (54.9–77.9)
PR	14 (20.0)
SD	2 (2.9)
PD	6 (8.6)
Died before any postbaseline tumor assessment <sup>c</sup>	1 (1.4)

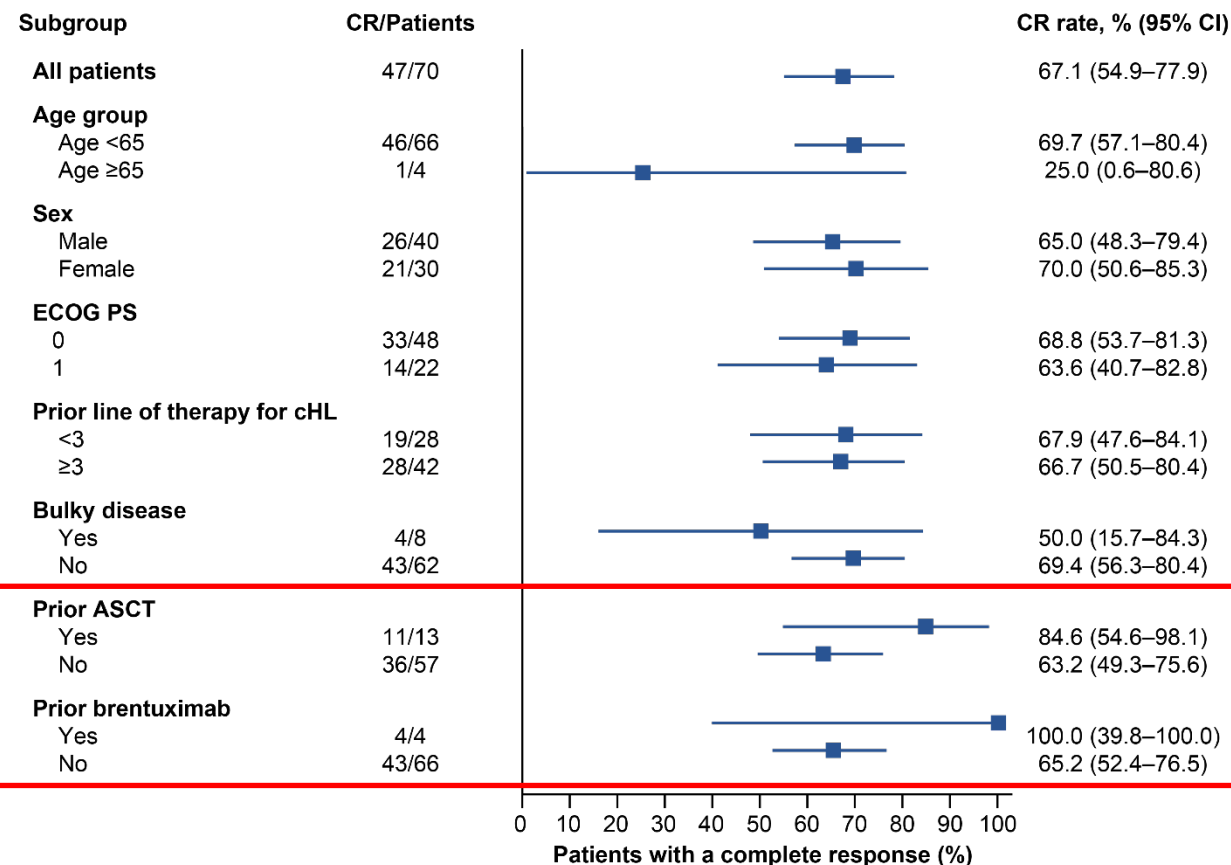
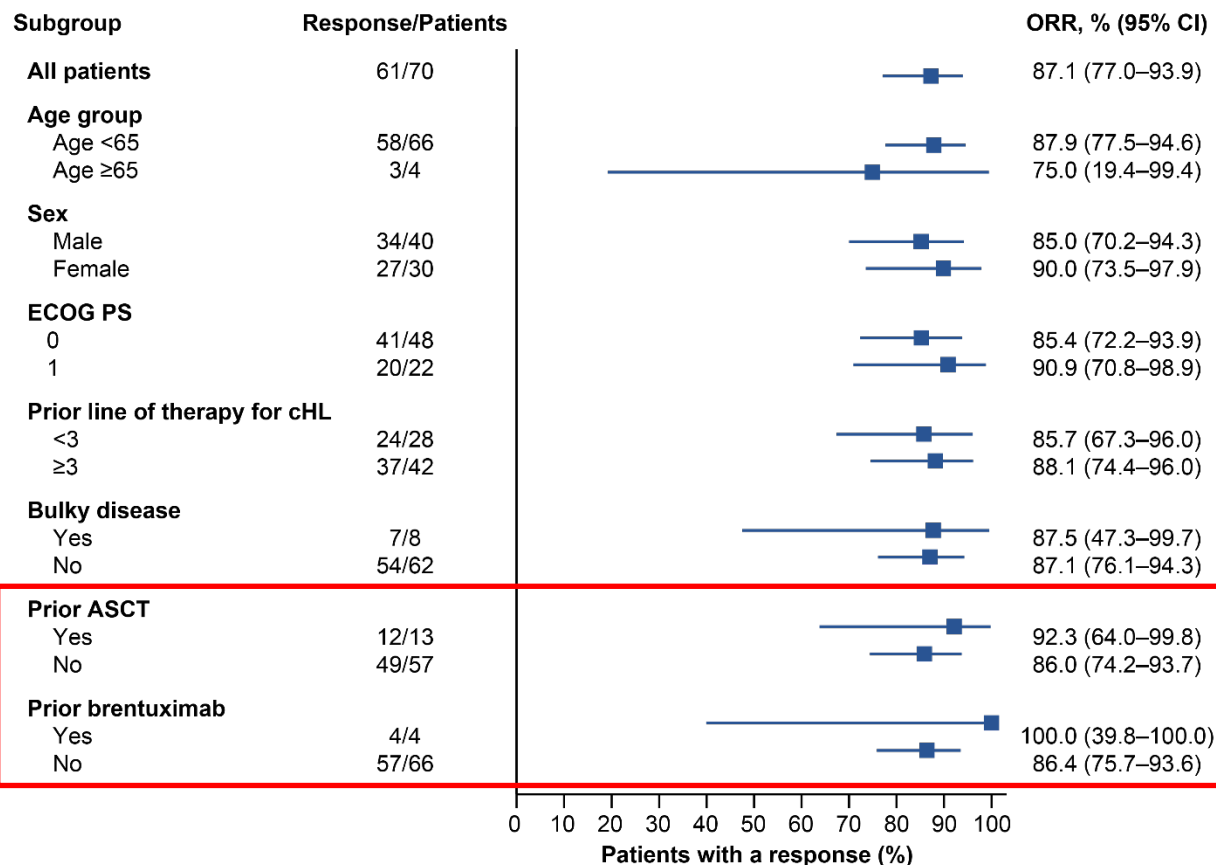
CR, complete response; IRC, independent review committee; ORR, overall response rate; PD, progressive disease; PR, partial response; SD, stable disease.  
<sup>a</sup>Response assessment according to the Lugano Classification.<sup>1</sup> <sup>b</sup>1-sided Clopper-Pearson 95% CI. <sup>c</sup>Died due to disease progression, not related to study drug.  
1. Cheson BD, et al. *J Clin Oncol*. 2014;32:3059-3067.



# RESPONSES BY SUBGROUP ANALYSIS

## ORR

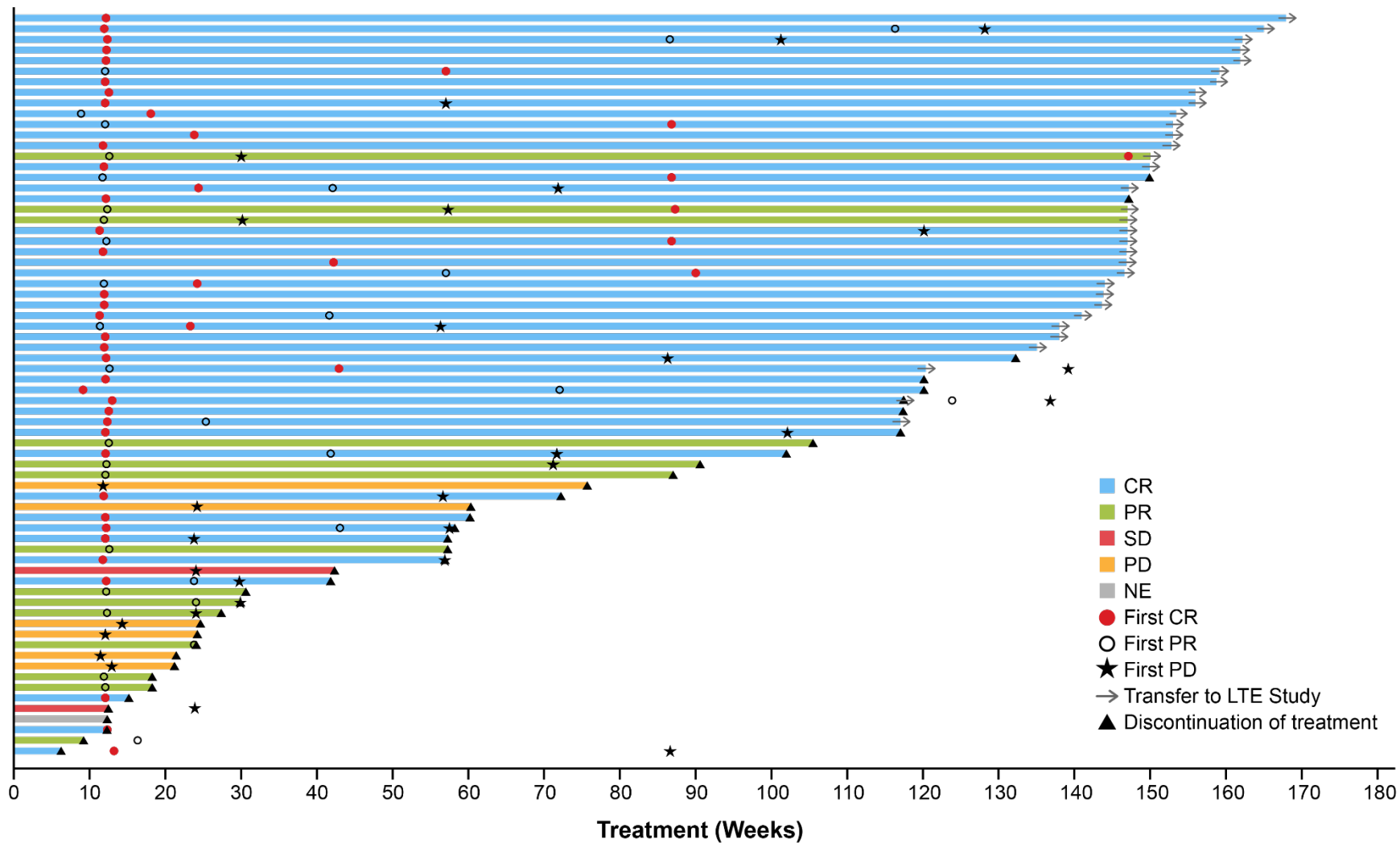
## CR



ASCT, autologous stem cell transplant; cHL, classical Hodgkin Lymphoma; CR, complete response; ECOG PS, Eastern Cooperative Oncology Group performance status; ORR, overall response rate.  
 Note: 95% CIs were calculated using the 2-side Clopper-Pearson method.



# DURATION OF TREATMENT & TIME TO RESPONSE

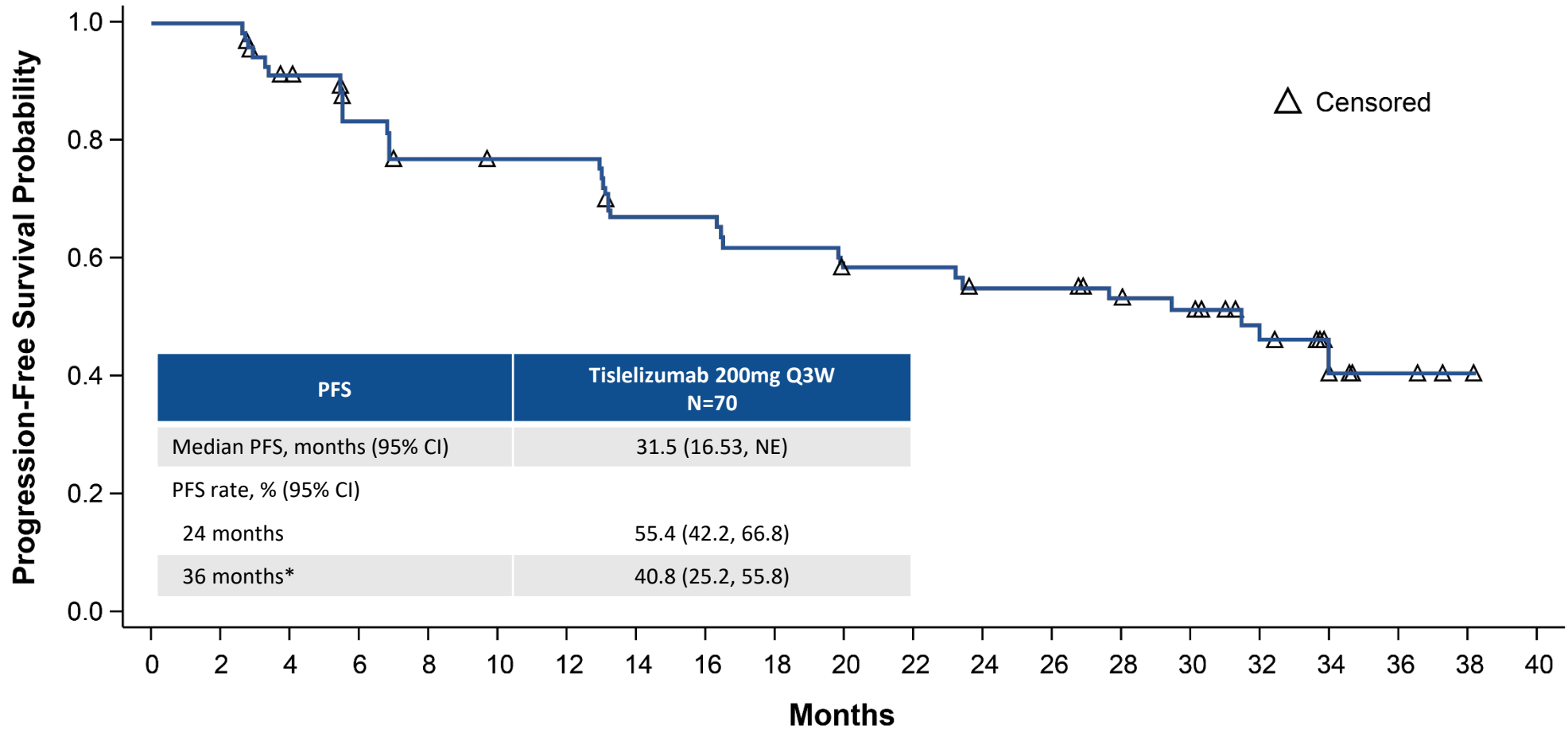


CR, complete response; NE, not evaluable; PD, progressive disease; PR, partial response; SD, stable disease.





# PFS



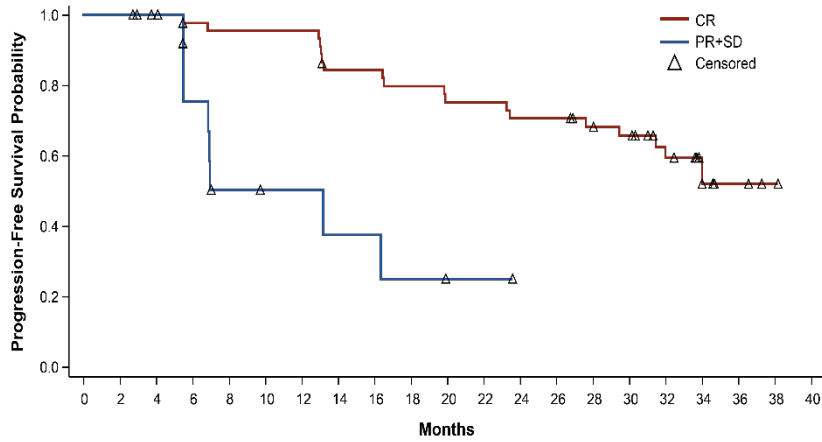
Number at Risk	0	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40
	70	70	61	53	48	47	47	40	40	37	34	34	31	31	28	26	20	8	3	1	0

NE, not estimable; PFS, progression-free survival; Q3W, every 3 weeks.  
 \*Note: Data to be interpreted with caution due to smaller subject number at risk.



# PFS BY SUBGROUP

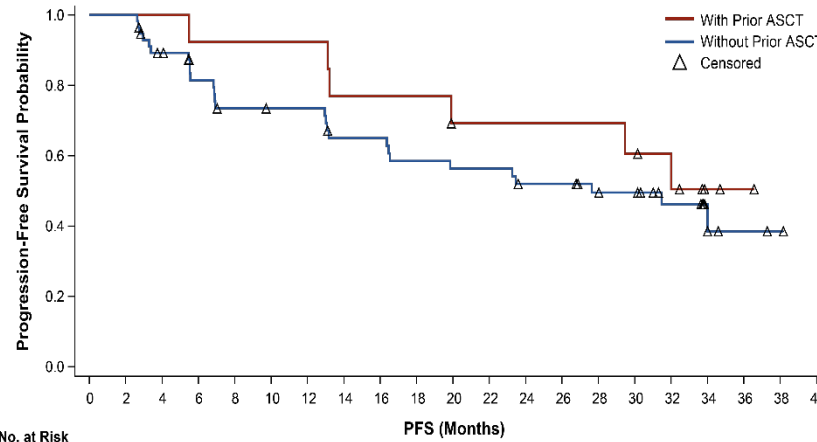
## BOR



No. at Risk	0	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40
CR	47	47	46	44	43	43	43	37	37	35	33	33	31	31	28	26	20	8	3	1	0
PR+SD	16	16	14	9	5	4	4	3	3	2	1	1	0								

PFS	CR (n=47)	PR+SD (n=16)
Median PFS, months (95% CI)	NE (29.5, NE)	13.2 (5.5, NE)

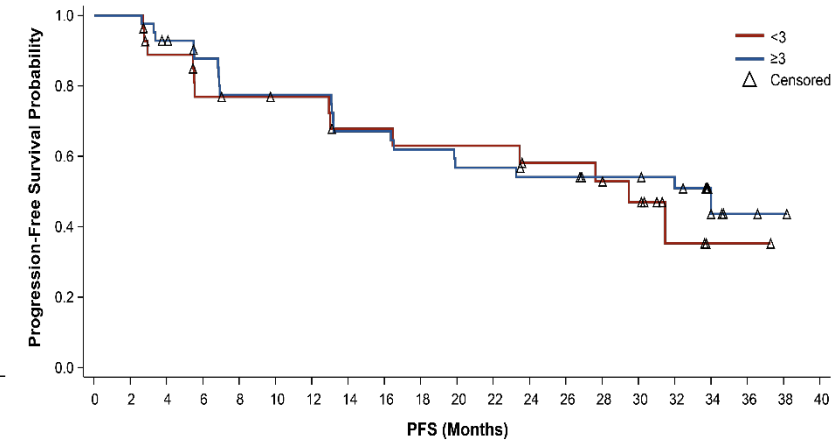
## Prior ASCT



No. at Risk	0	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40
With Prior ASCT	13	13	13	12	12	12	12	10	10	10	8	8	8	8	8	7	6	2	1	0	
Without Prior ASCT	57	57	48	41	36	35	35	30	30	27	26	26	23	23	20	19	14	6	2	1	0

PFS	Prior ASCT (n=13)	No prior ASCT (n=57)
Median PFS, months (95% CI)	NE (13.2, NE)	27.6 (16.4, NE)

## Prior lines of therapy



No. at Risk	0	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40
<3	28	28	23	19	18	17	17	14	14	13	13	13	11	11	10	8	3	1	1	0	
≥3	42	42	38	34	30	30	30	26	26	24	21	21	20	20	18	18	17	7	2	1	0

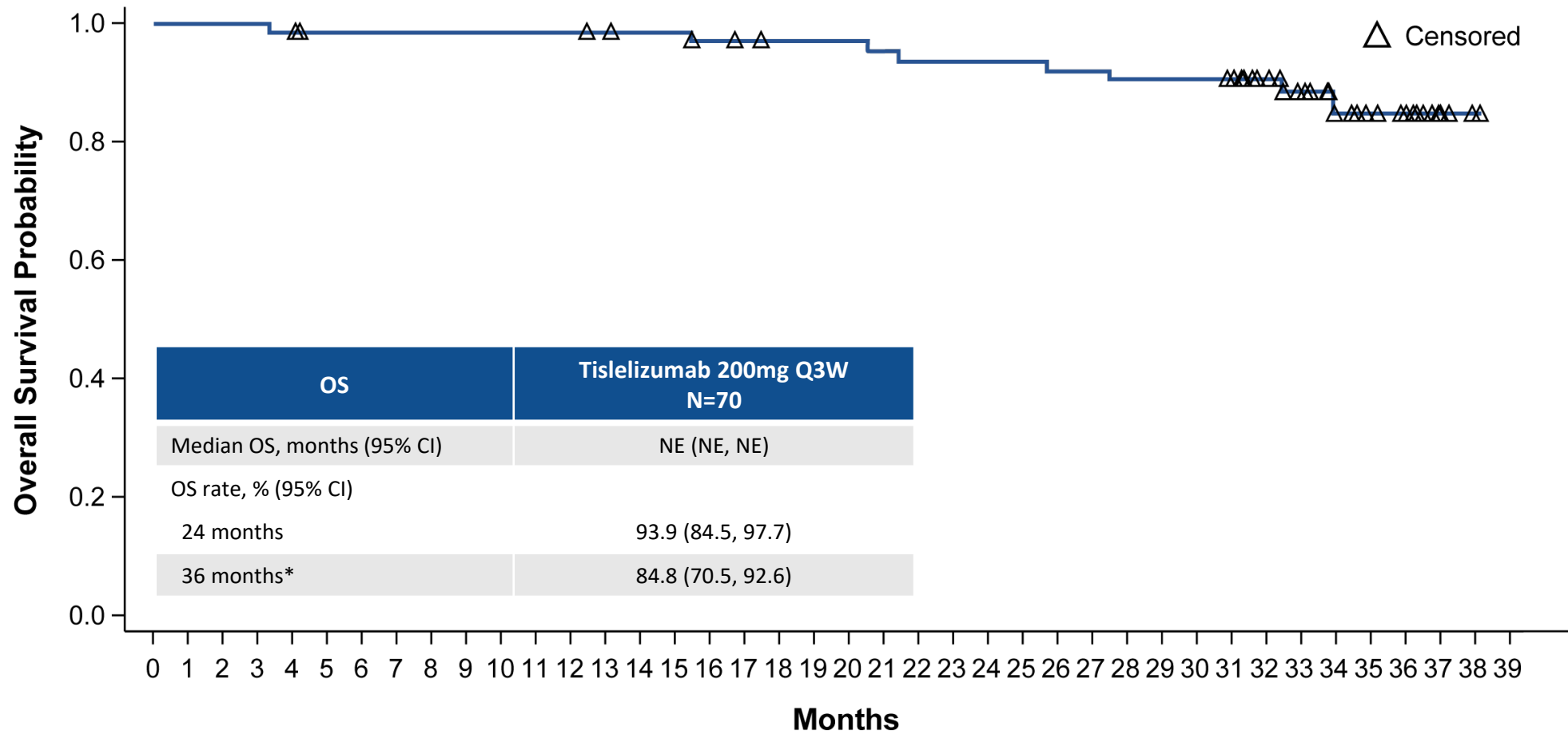
PFS	<3 lines (n=28)	≥3 lines (n=42)
Median PFS, months (95% CI)	29.5 (13.0, NE)	34.0 (16.4, NE)



ASCT, autologous hematopoietic stem cell transplant; BOR, best overall response; CR, complete response; No., number; PR, partial response; SD, stable disease; NE, not estimable; PFS, progression-free survival.



# OVERALL SURVIVAL



**Number at Risk** 70 70 70 70 69 67 67 67 67 67 67 67 66 65 65 63 62 61 61 61 60 59 59 59 59 58 58 57 57 57 57 56 46 37 24 17 13 4 1 0

NE, not estimable; No., number; OS, overall survival; Q3W, every 3 weeks.  
 \*Note: Data to be interpreted with caution due to smaller subject number at risk.



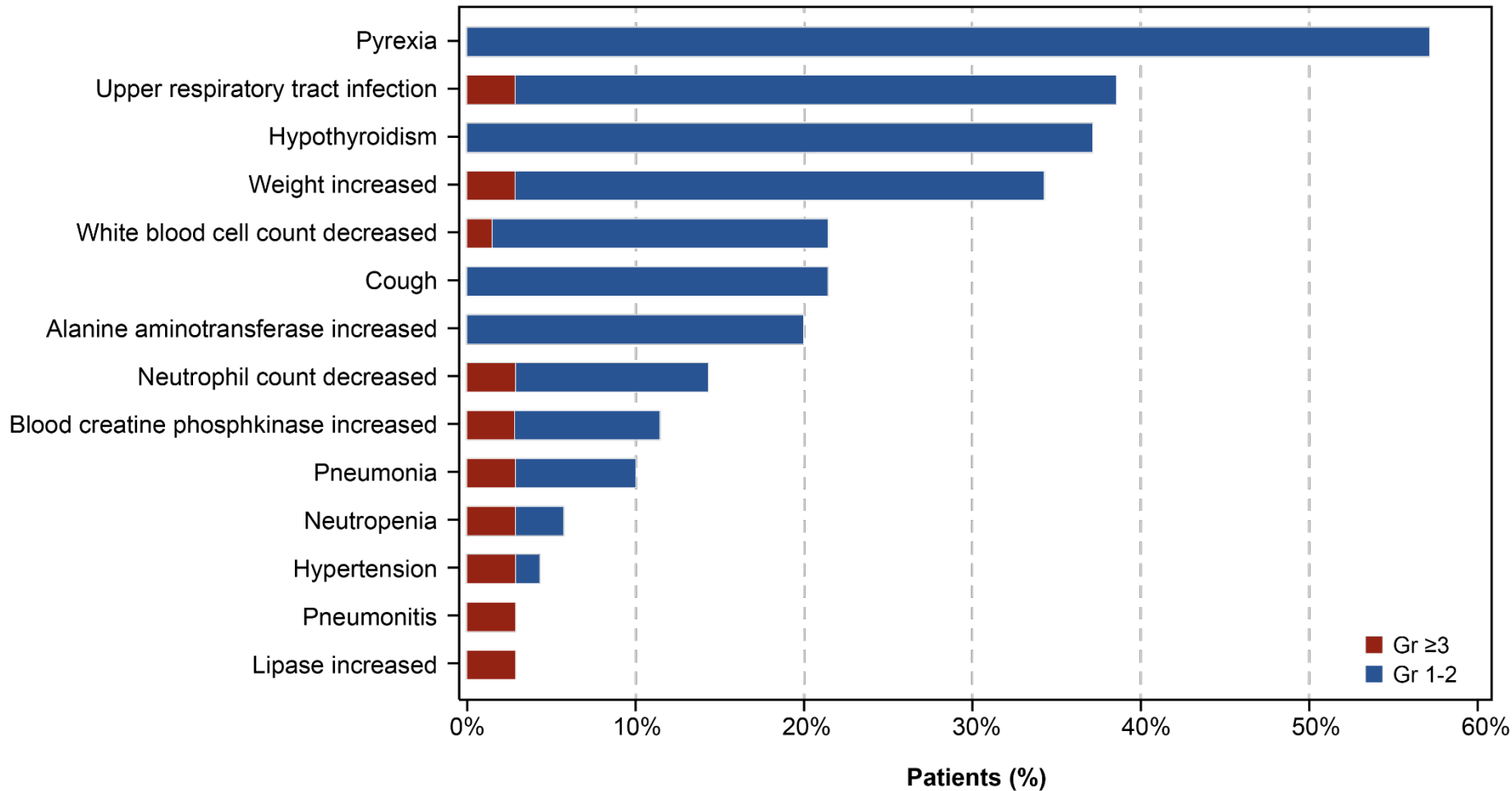
# SUMMARY OF ADVERSE EVENTS

Event, n (%)	N=70
<b>Patients with at least one TEAE</b>	68 (97.1)
Grade $\geq$ 3 TEAE	29 (41.4)
Serious	18 (25.7)
Leading to treatment discontinuation	6 (8.6)
<b>TRAE</b>	68 (97.1)
Grade $\geq$ 3 TRAE	22 (31.4)
<b>imAE</b>	32 (45.7)
Most common: hypothyroidism (28.6%), skin adverse reaction (8.6%), pneumonitis (7.1%)	

imAE, immune-mediated adverse event; TEAE, treatment-emergent adverse event; TRAE, treatment-related adverse event.



# FREQUENT TEAEs



**TEAEs with all Grades Reported in  $\geq 20\%$ , or Grade  $\geq 3$  Reported in  $\geq 2\%$  of Patients**

Gr, grade; TEAE, treatment-emergent adverse event.



# SUMMARY

- With 33.85 months of extended follow-up, tislelizumab was highly active in R/R cHL patients, as evidenced by:
  - High ORR (87.1%) and CR rate (67.1%) regardless of patient subgroup characteristics
  - Median PFS reached 31.5 months; the estimated 2-year PFS rate was over 55%
- No new safety concerns were identified
- Tislelizumab conferred a favorable benefit versus risk profile and may represent an important treatment option for patients with R/R cHL.

# DISCLOSURES

- Dr Song has no competing financial interests to disclose

# ACKNOWLEDGMENTS

- We would like to thank the investigators, site support staff, and especially the patients for participating in this study
- This study was sponsored by BeiGene; editorial support was provided by Bio Connections LLC and funded by BeiGene



# Thank you

