



Updates In Small Cell Lung Cancer

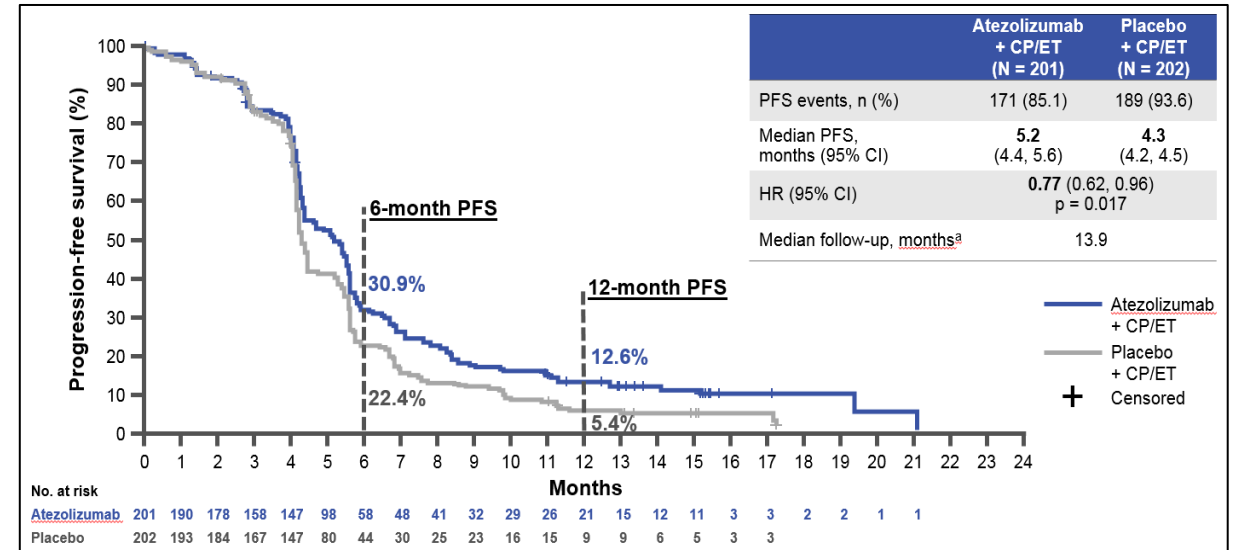
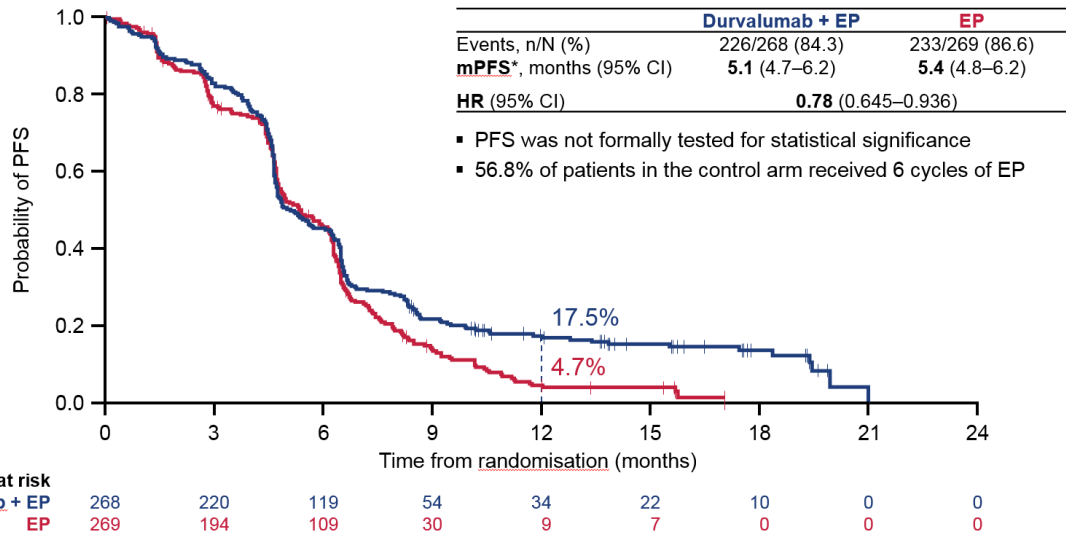
Jacob Sands, MD

Oct 2025

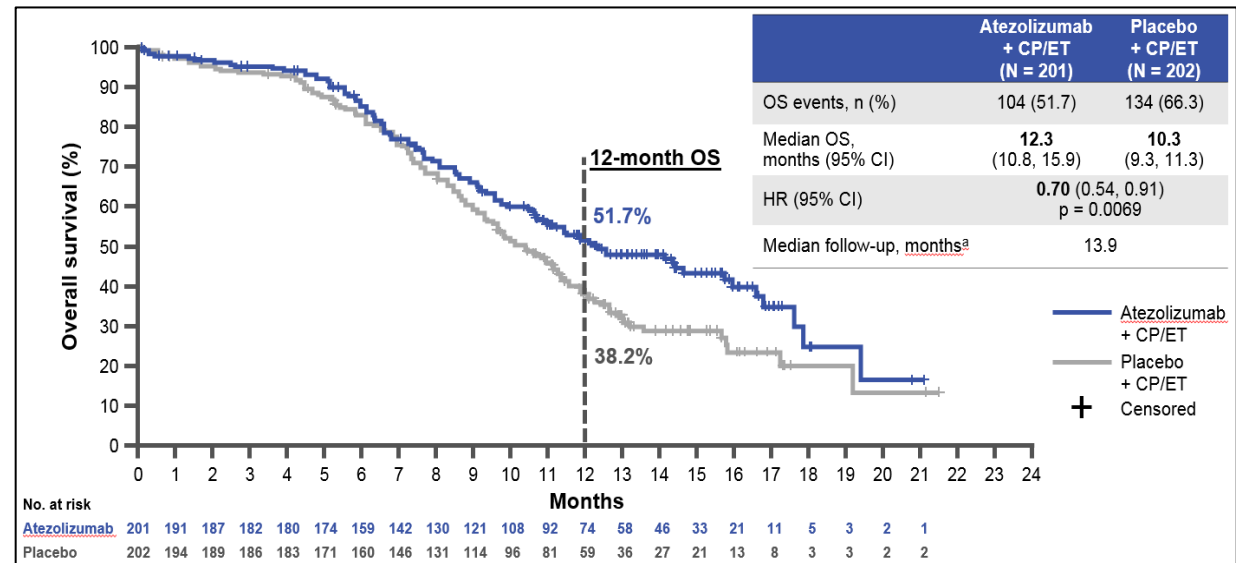
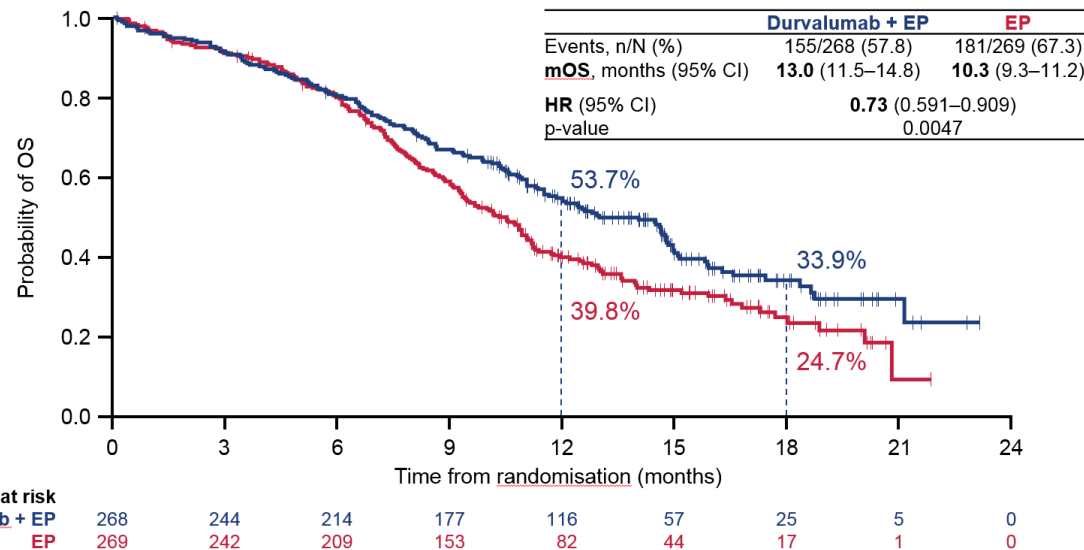
CASPIAN

IMpower-133

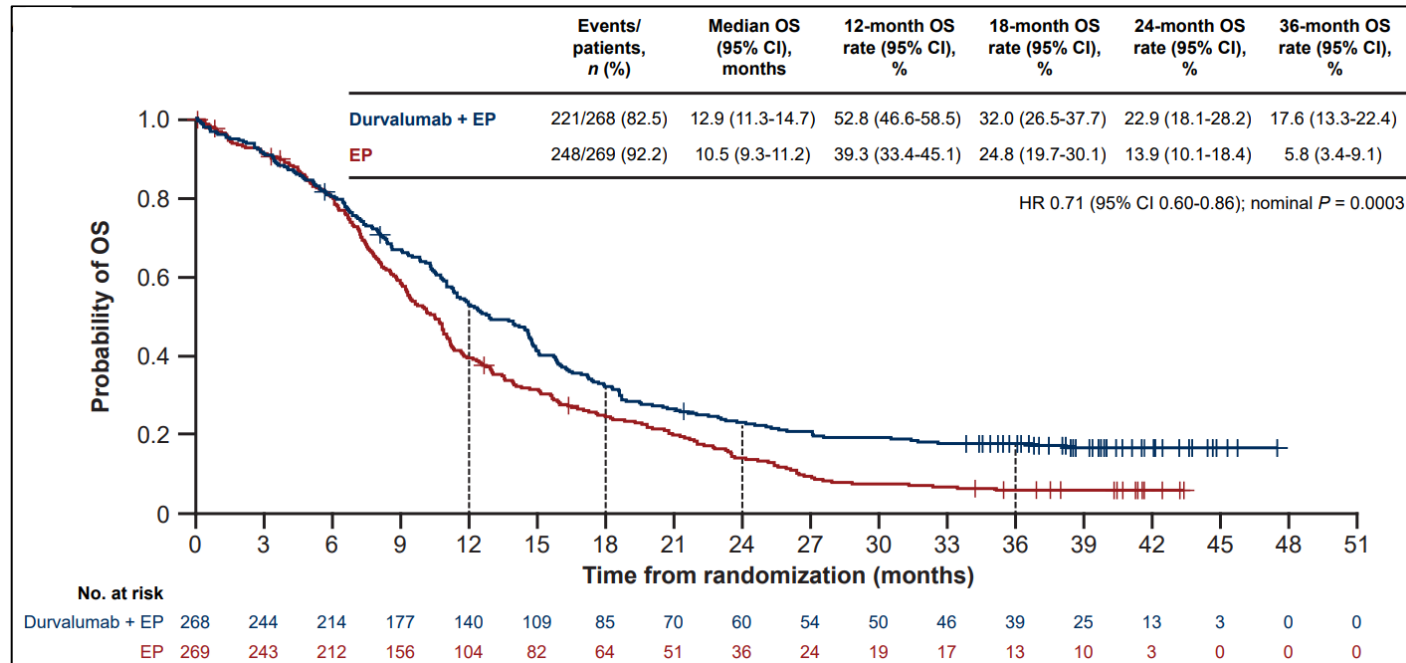
Progression-free Survival



Overall Survival (Primary Endpoint)



Updated OS data for CASPIAN



OS rate (95% CI), %	IMpower133 and IMbrella A Atezo + CP/ET (n=201)	IMpower133 only Placebo + CP/ET (n=202)
1-year	52% (45-59)	39% (32-46)
2-year	22% (16-28)	16% (11-21)
3-year	16% (11-21)	NE ^a
4-year	13% (8-18)	NE ^a
5-year	12% (7-17)	NE ^a

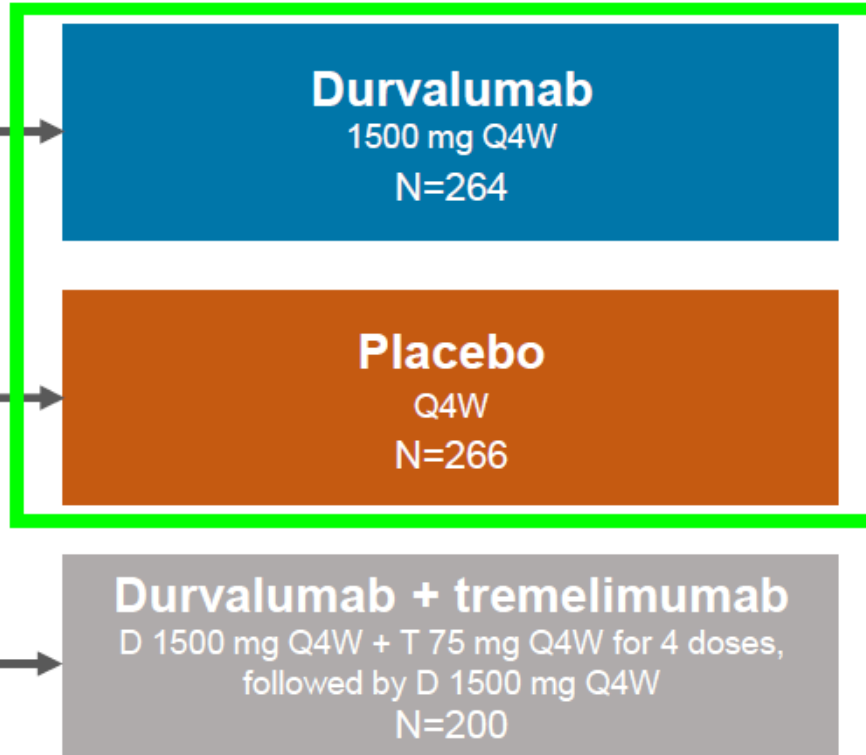
Limited Stage: ADRIATIC

- Stage I–III LS-SCLC (stage I/II inoperable)
- WHO PS 0 or 1
- Had not progressed following cCRT*
- PCI* permitted before randomization

cCRT components

- Four cycles of platinum and etoposide (three permitted[†])
- RT: 60–66 Gy QD over 6 weeks or 45 Gy BID over 3 weeks
- RT must commence no later than end of cycle 2 of CT

N=730
R[‡]
Stratified by:
Disease stage
(I/II vs III)
PCI (yes vs no)



Treatment until investigator-determined progression or intolerable toxicity, or for a maximum of 24 months

Dual primary endpoints:

- Durvalumab vs placebo
 - OS
 - PFS (by BICR, per RECIST v1.1)

Key secondary endpoints:

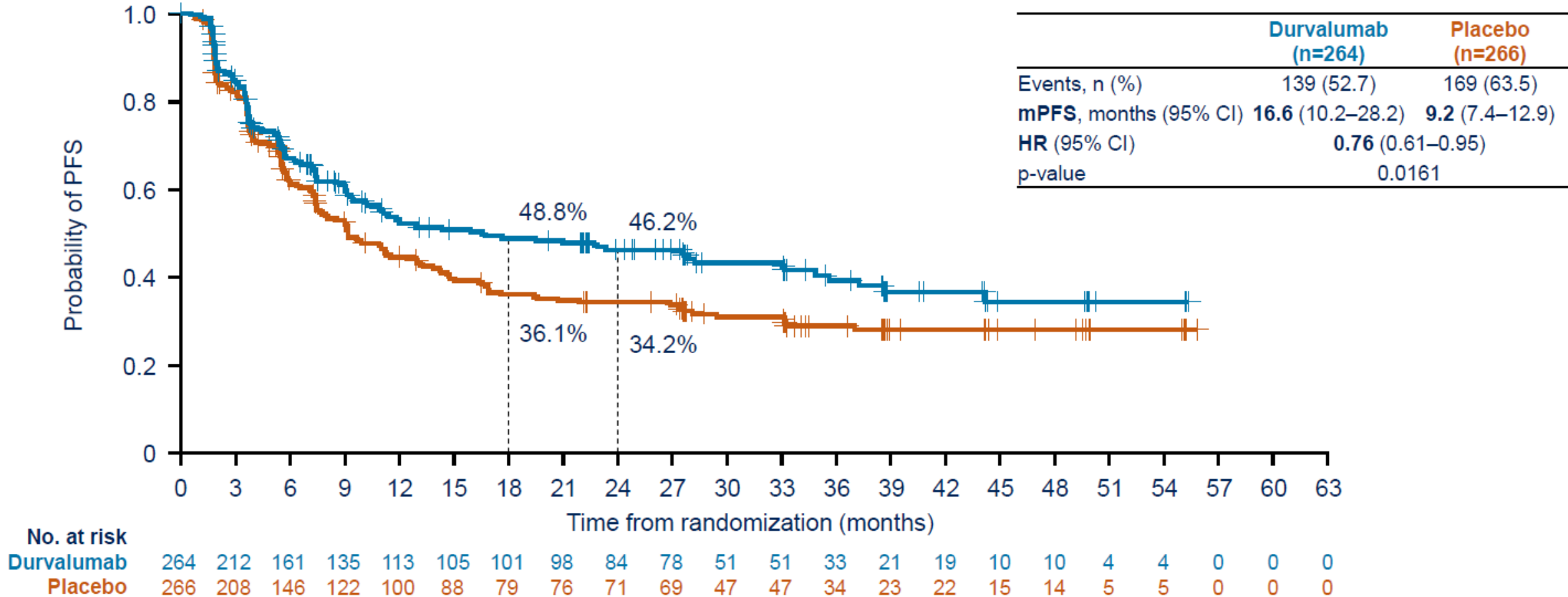
- Durvalumab + tremelimumab vs placebo
 - OS
 - PFS (by BICR, per RECIST v1.1)

Other secondary endpoints:

- OS/PFS landmarks
- Safety

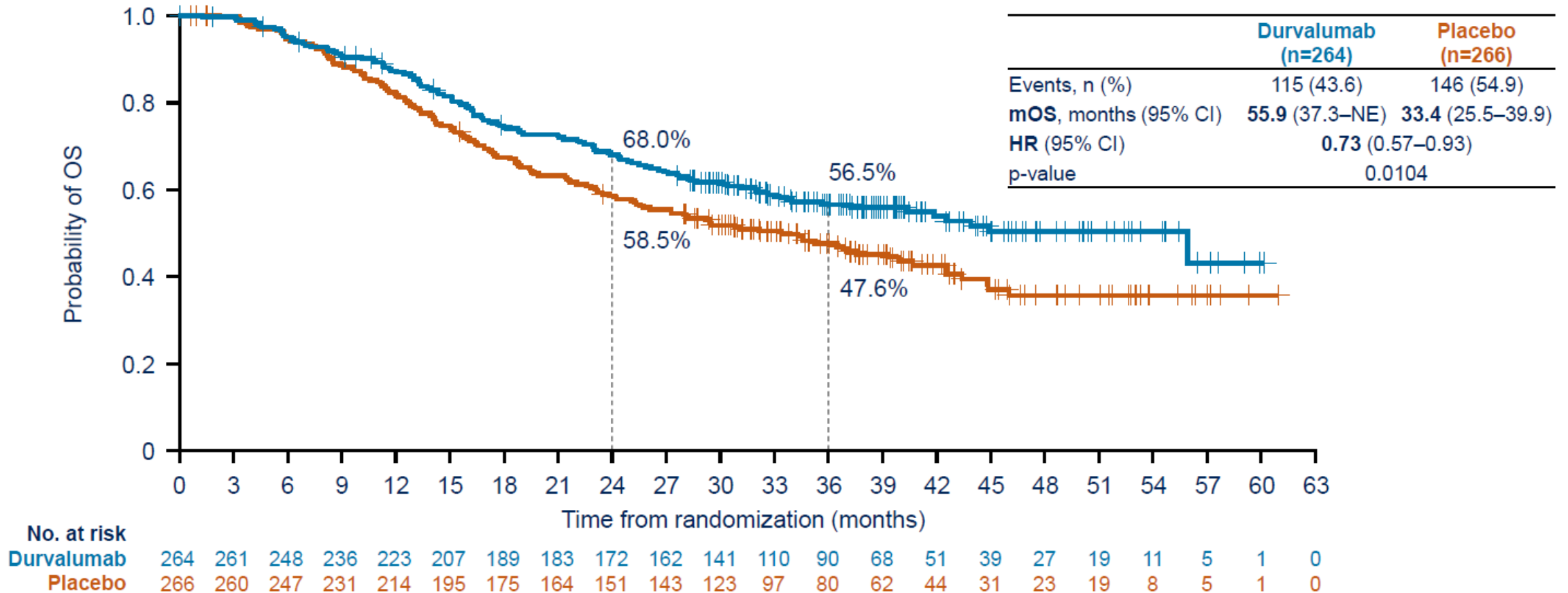
Limited Stage: ADRIATIC

- Median duration of follow up in censored patients: 27.6 months (range 0.0–55.8)



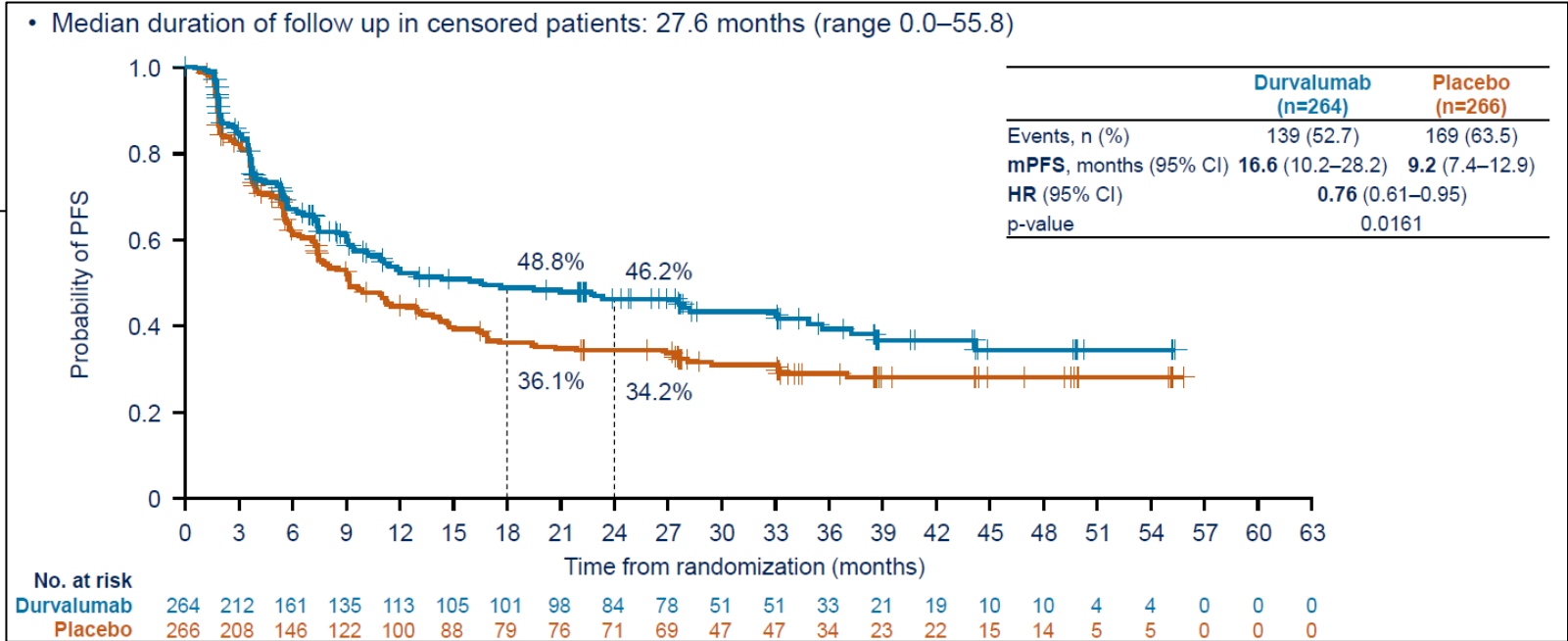
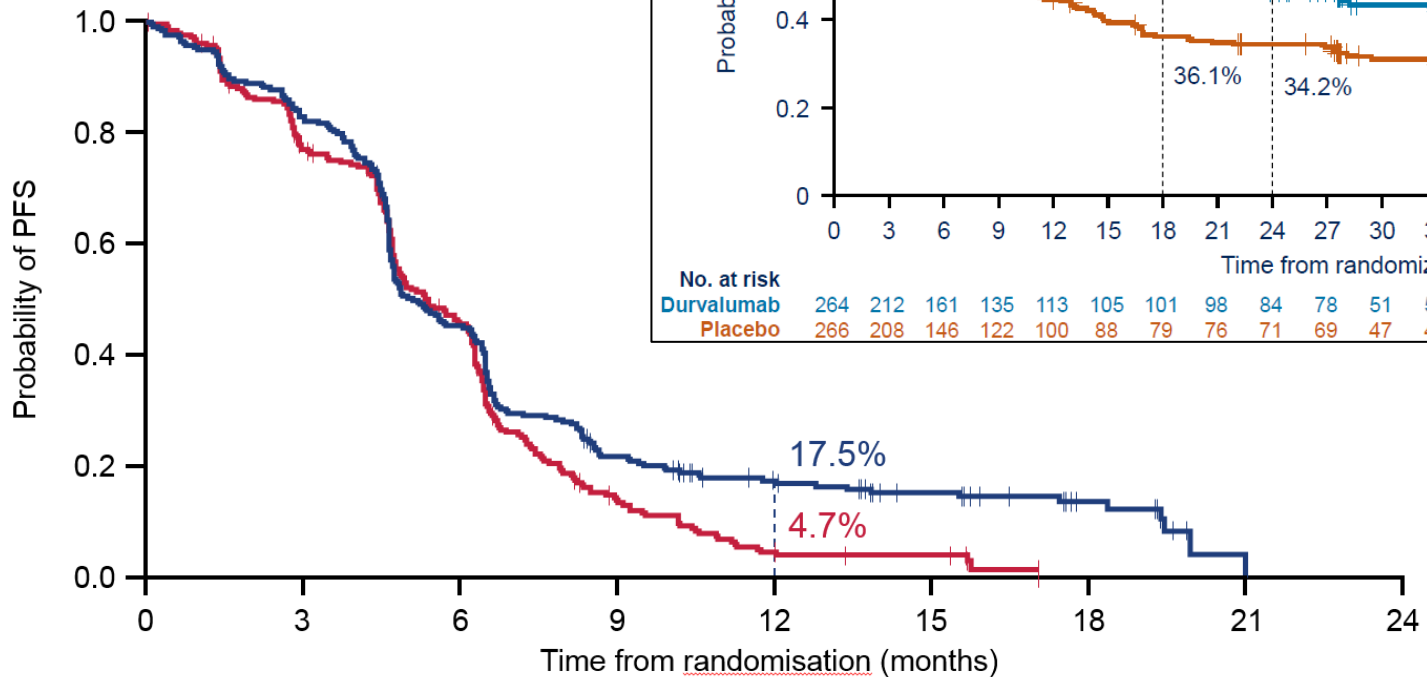
Limited Stage: ADRIATIC

- Median duration of follow up in censored patients: 37.2 months (range 0.1–60.9)



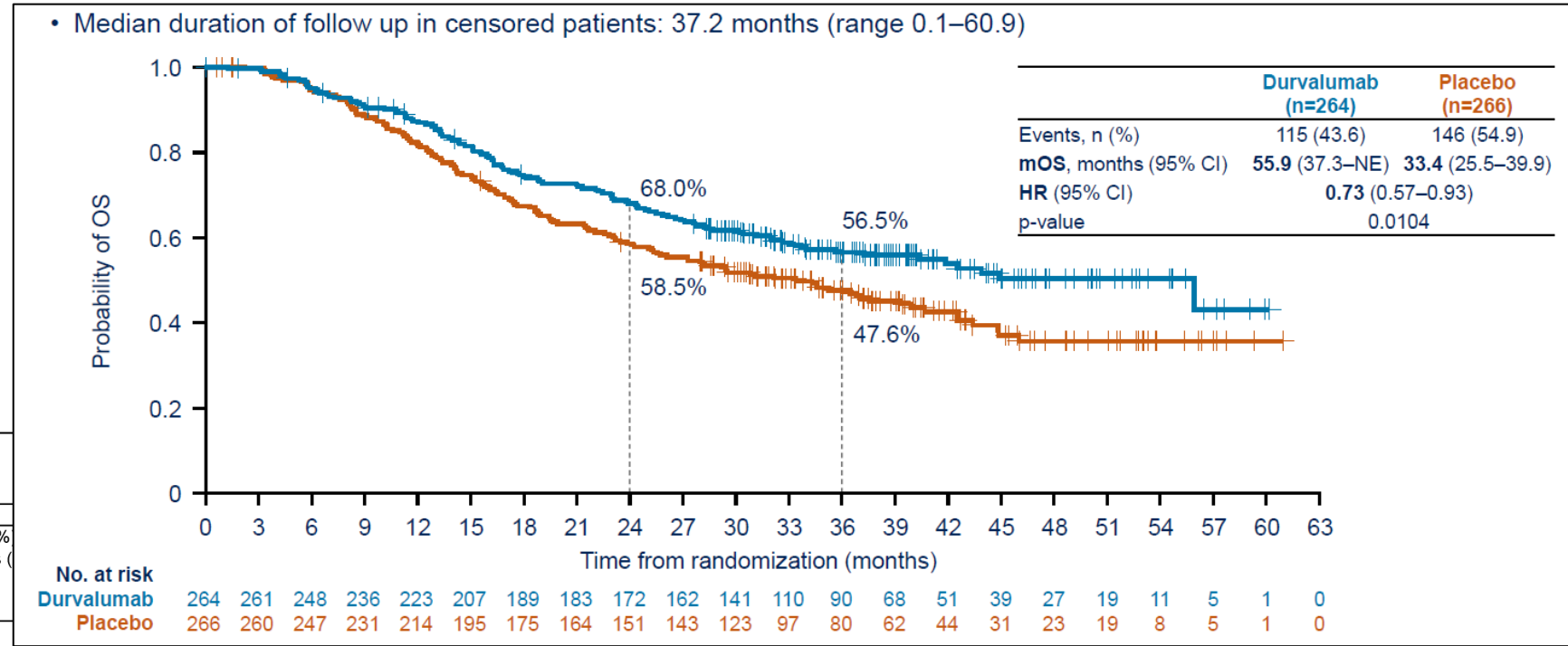
Progression free survival comparison with CASPIAN

Progression-free Survival

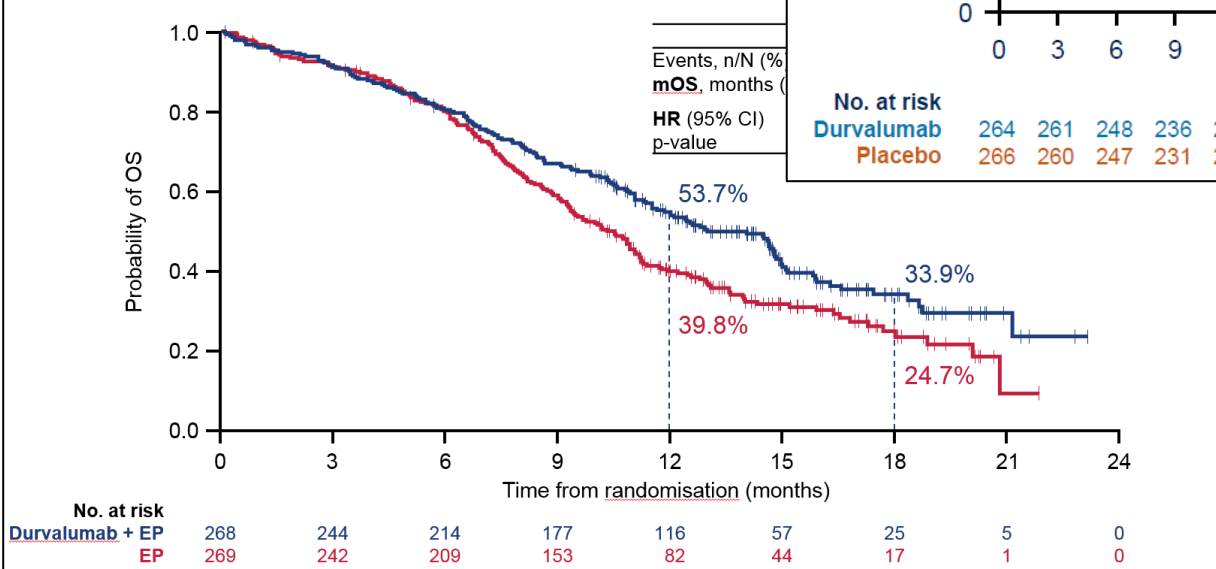


Overall Survival comparison with CASPIAN

• Median duration of follow up in censored patients: 37.2 months (range 0.1–60.9)



Overall Survival (Primary Endpoint)



Lurbinectedin

- Single arm Phase 2 in second line SCLC
- Sensitive disease = chemotherapy-free interval ≥90 days
- Resistant disease = chemotherapy free interval <90 days and

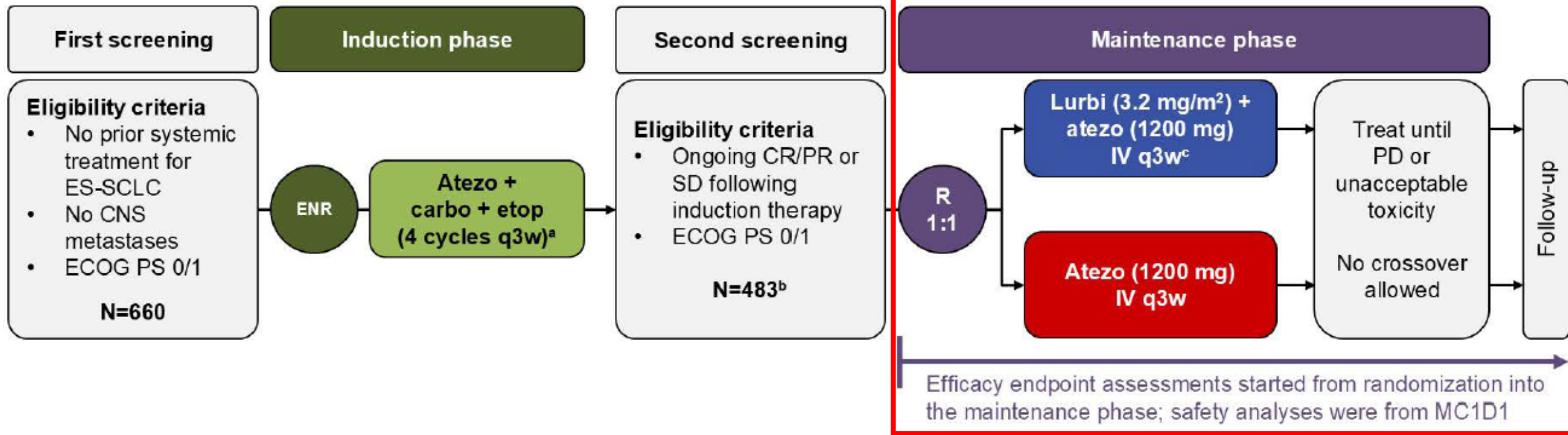
	All patients (n=105)	Chemotherapy-free interval <90 days (n=45)	Chemotherapy-free interval ≥90 days (n=60)
RECIST responses			
Complete response	0	0	0
Partial response	37 (35%)	10 (22%)	27 (45%)
Stable disease*	35 (33%)	13 (29%)	22 (37%)
Progressive disease	28 (27%)	18 (40%)	10 (17%)
Not evaluable†	5 (5%)	4 (9%)	1 (2%)
Overall response, % (95% CI)	35.2% (26.2–45.2)	22.2% (11.2–37.1)	45.0% (32.1–58.4)
Disease control, % (95% CI)‡	68.6% (58.8–77.3)	51.1% (35.8–66.3)	81.7% (69.6–90.5)
Duration of response			
Disease progression, relapse, or death events in responding patients, n/N (%)	29/37 (78%)	9/10 (90%)	20/27 (74%)
Median duration of response, months	5.3 (4.1–6.4)	4.7 (2.6–5.6)	6.2 (3.5–7.3)
Patients still responding at 6 months	43.0% (25.6–60.5)	11.7% (0.0–33.1)	55.3% (34.5–76.0)
Progression-free survival			
Progression-free survival events, n (%)	90 (86%)	41 (91%)	49 (82%)
Median progression-free survival, months (95% CI)	3.5 (2.6–4.3)	2.6 (1.3–3.9)	4.6 (2.8–6.5)
4-month progression-free survival (95%CI)	46.6% (36.7–56.5)	29.1% (15.3–42.8)	59.9% (47.1–72.7)
6-month progression-free survival (95% CI)	32.9% (23.3–42.5)	18.8% (6.8–30.9)	43.5% (30.1–56.9)
Overall survival			
Deaths	66 (63%)	37 (82%)	29 (48%)
Median overall survival, months (95% CI)	9.3 (6.3–11.8)	5.0 (4.1–6.3)	11.9 (9.7–16.2)
6-month overall survival (95%CI)	67.1% (57.6–76.7)	45.8% (30.4–61.3)	83.6% (73.7–93.5)
12-month overall survival (95% CI)	34.2% (23.2–45.1)	15.9% (3.6–28.2)	48.3% (32.5–64.1)
<small>RECIST=Response Evaluation Criteria in Solid Tumors. * Includes five patients with partial response not confirmed. †Five patients were not evaluable because they had no radiological assessment during treatment due to early death from malignant disease (n=2), symptomatic deterioration because of disease progression (n=2), and patient refusal (n=1). ‡Partial response or stable disease.</small>			
<small>Table 2: Overall efficacy of lurbinectedin treatment by investigator assessment and subgroup analyses by chemotherapy-free interval</small>			

Lurbinectedin + atezolizumab as first-line maintenance treatment in patients with extensive-stage small cell lung cancer: Primary results of the Phase 3 IMforte trial

Luis Paz-Ares,¹ Hossein Borghaei,² Stephen V. Liu,³ Solange Peters,⁴ Roy S. Herbst,⁵ Katarzyna Stencel,⁶ Margarita Majem,⁷ Grzegorz Czyżewicz,⁸ Reyes Bernabé Caro,⁹ Ki Hyeong Lee,¹⁰ Melissa L. Johnson,¹¹ Nuri Karadurmuş,¹² Christian Grohé,¹³ Vaikunth Cuchelkar,¹⁴ Vilma Graupner,¹⁵ Monika Kaul,¹⁴ Ya-Chen Lin,¹⁴ Debasis Chakrabarti,¹⁶ Kamalnayan Bhatt,¹⁶ Martin Reck¹⁷

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IMforte study design



Stratification factors for randomization

- ECOG PS (0/1)
- LDH (\leq ULN/ $>$ ULN)
- Presence of liver metastases (Y/N) at induction BL
- Prior receipt of PCI (Y/N)

Primary endpoints

IRF-PFS and OS

Secondary endpoints included

INV-PFS, ORR, DOR, and safety

Last patient randomized: April 30, 2024

Clinical cutoff: July 29, 2024

ClinicalTrials.gov ID: NCT05091567.

^a Administered per standard dose. ^b 73% of patients continued from induction to maintenance. ^c With prophylactic granulocyte colony-stimulating factor and anti-emetics.

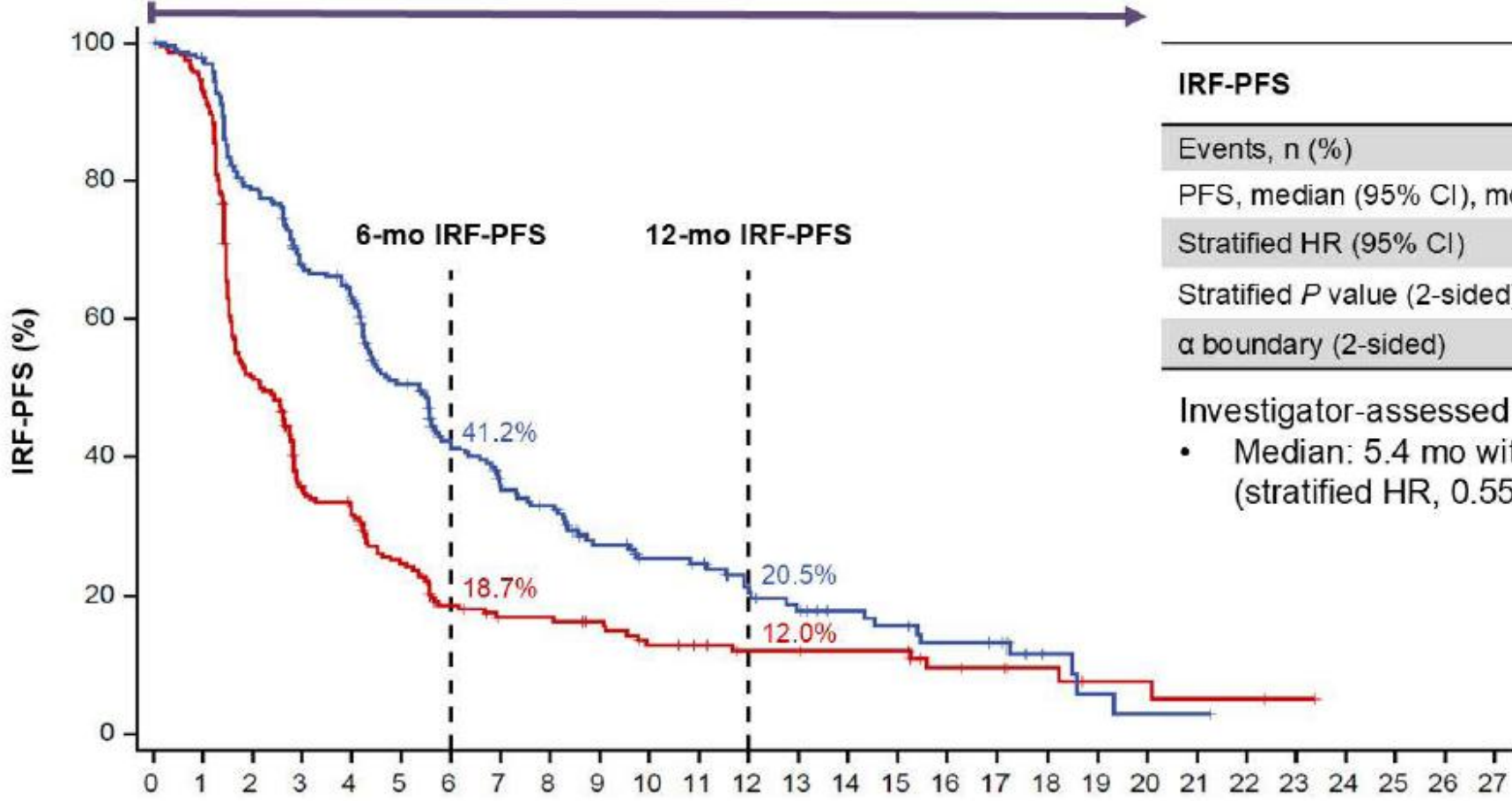
atezo, atezolizumab; BL, baseline; carbo, carboplatin; CNS, central nervous system; ECOG PS, Eastern Cooperative Oncology Group performance status; ENR, enrollment; etop, etoposide;

INV-PFS, investigator-assessed PFS; IRF-PFS, independent review facility-assessed PFS; IV, intravenously; LDH, lactate dehydrogenase; lurbi, lurbinectedin; MC1D1, maintenance Cycle 1 Day 1;

PCI, prophylactic cranial irradiation; q3w, every 3 weeks; R, randomization; ULN, upper limit of normal; Y/N, yes/no.

IRF-PFS from randomization into maintenance phase

R PFS assessment started from randomization into the maintenance phase



IRF-PFS	Lurbi + atezo (n=242)	Atezo (n=241)
Events, n (%)	174 (71.9)	202 (83.8)
PFS, median (95% CI), mo	5.4 (4.2, 5.8)	2.1 (1.6, 2.7)
Stratified HR (95% CI)	0.54 (0.43, 0.67)	
Stratified P value (2-sided)	<0.0001	
α boundary (2-sided)	0.001	

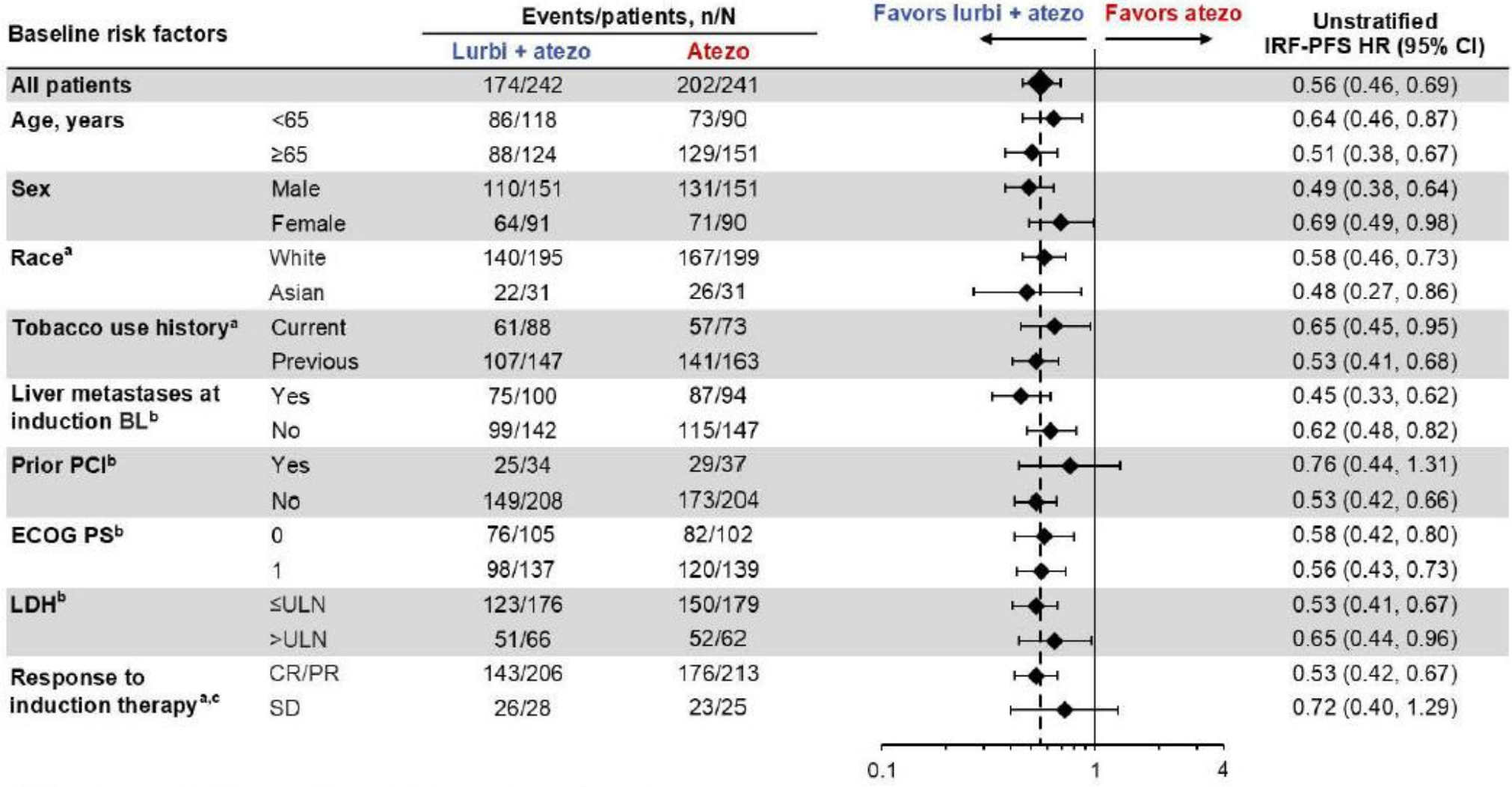
Investigator-assessed PFS was consistent with IRF-PFS

- Median: 5.4 mo with lurbi + atezo and 2.7 mo with atezo (stratified HR, 0.55 [95% CI: 0.45, 0.68])

No. at risk																													
Lurbi + atezo	242	231	184	152	138	103	76	62	57	43	35	33	24	20	16	14	11	10	4	2	1	1	0	0	0	0	0	0	0
Atezo	241	224	123	79	69	50	34	27	27	24	18	16	13	13	12	12	7	6	5	3	3	2	2	1	0	0	0	0	0

Clinical cutoff: July 29, 2024; median survival follow-up: 15.0 mo (minimum follow-up: 3.0 mo).
 CI, confidence interval; HR, hazard ratio.

IRF-PFS subgroup analysis

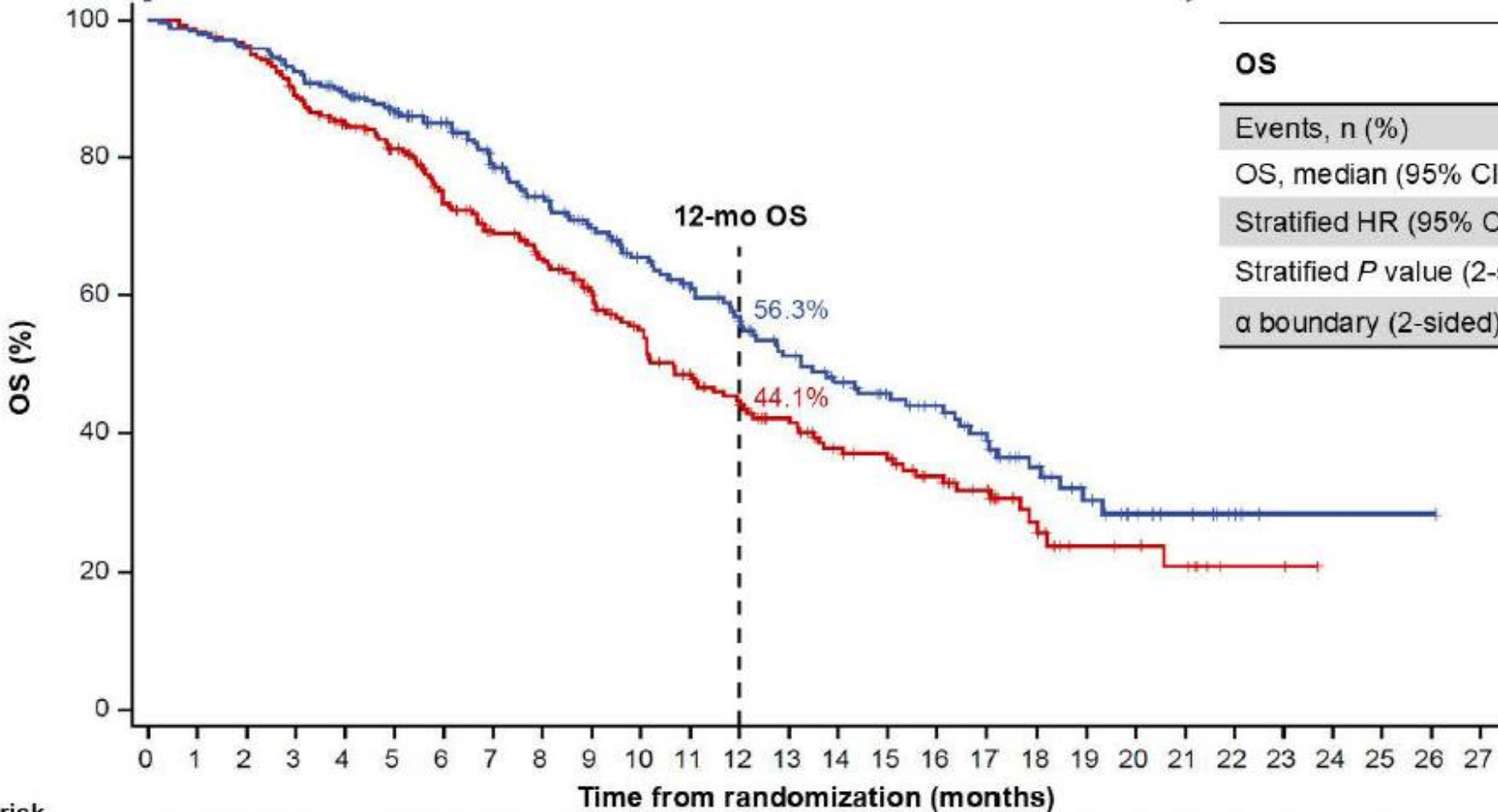


Clinical cutoff: July 29, 2024; median survival follow-up: 15.0 mo (minimum follow-up: 3.0 mo).

^a Data from subgroups with small numbers are not displayed. ^b Stratification factor for randomization; data determined from electronic case-report forms. ^c n=236 in the lurbi + atezo arm and n=240 in the atezo arm; 7 randomized patients did not have a maintenance screening tumor assessment.

OS from randomization into maintenance phase

R OS assessment started from randomization into the maintenance phase
(median time from induction C1D1 to randomization: 3.2 months in each arm)

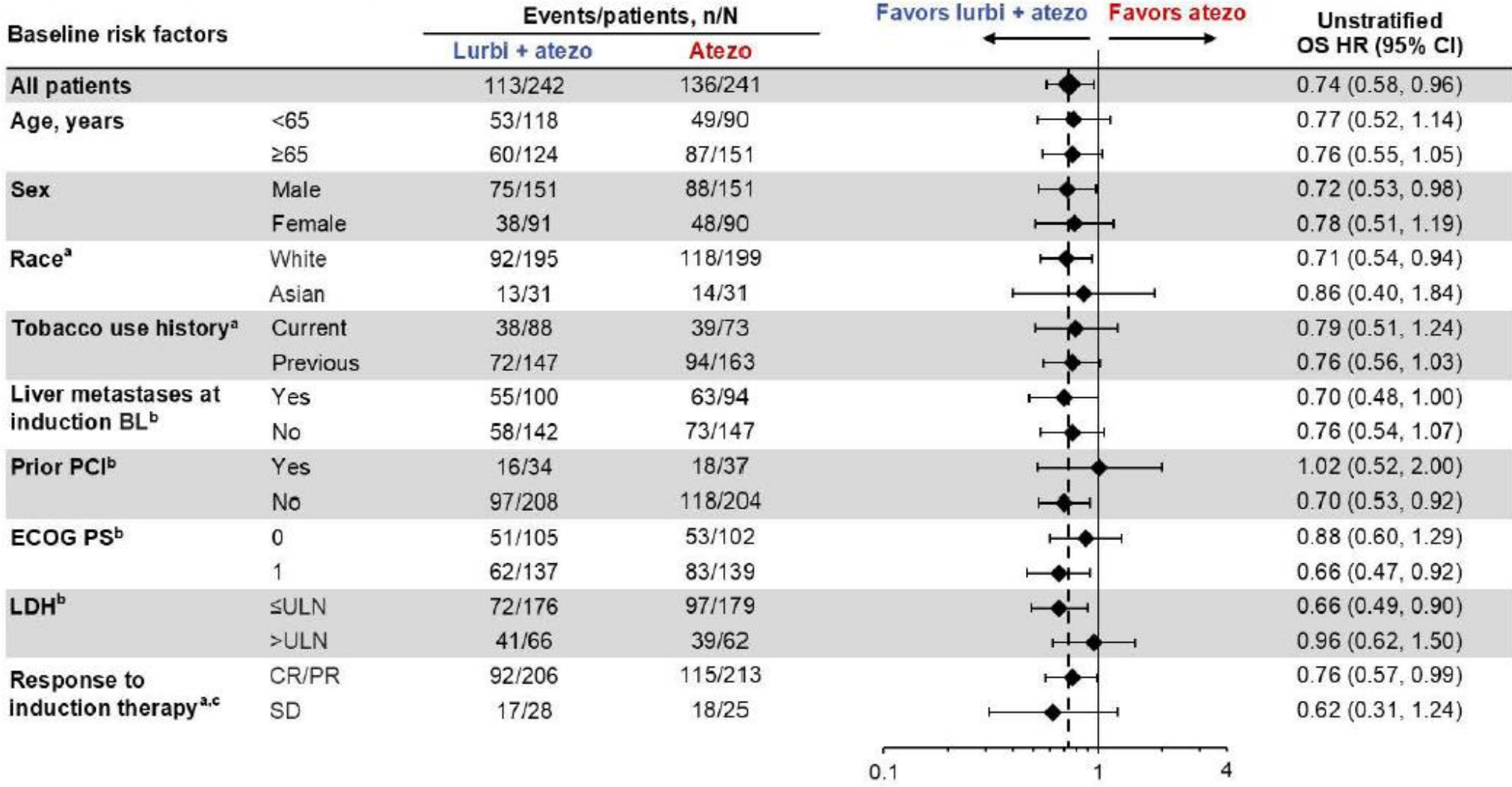


OS	Lurbi + atezo (n=242)	Atezo (n=241)
Events, n (%)	113 (46.7)	136 (56.4)
OS, median (95% CI), mo	13.2 (11.9, 16.4)	10.6 (9.5, 12.2)
Stratified HR (95% CI)	0.73 (0.57, 0.95)	
Stratified P value (2-sided)	0.0174	
α boundary (2-sided) ^a	0.0313	

No. at risk																												
Lurbi + atezo	242	238	232	221	209	191	174	151	136	118	104	93	81	69	60	52	46	36	25	17	11	8	4	1	1	1	1	0
Atezo	241	237	230	211	196	179	154	138	126	111	94	81	69	60	49	45	37	29	17	10	9	7	2	2	0	0	0	0

Clinical cutoff: July 29, 2024; median survival follow-up: 15.0 mo (minimum follow-up: 3.0 mo).
^a As determined by the Hwang-Shih-Decani alpha spending function with the gamma parameter of -1.5.

OS subgroup analysis



Clinical cutoff: July 29, 2024; median survival follow-up: 15.0 mo (minimum follow-up: 3.0 mo).

^a Data from subgroups with small numbers are not displayed. ^b Stratification factor for randomization; data determined from electronic case-report forms. ^c n=236 in the lurbi + atezo arm and n=240 in the atezo arm; 7 randomized patients did not have a maintenance screening tumor assessment.

Follow-up systemic anticancer treatments

Patients, n (%)	Lurbi + atezo (n=242)	Atezo (n=241)
Patients who discontinued maintenance treatment	197	208
Patients with ≥1 follow-up systemic anticancer treatment	108 (44.6)	132 (54.8)
Chemotherapy	89 (36.8)	119 (49.4)
Immunotherapy	25 (10.3)	20 (8.3)
Targeted therapy	3 (1.2)	2 (0.8)
Other	3 (1.2)	3 (1.2)

At the time of clinical cutoff, no patient in the lurbi + atezo arm and 22 patients (9.1%) in the atezo arm had received follow-up lurbi treatment

Clinical cutoff: July 29, 2024.

Safety summary during the maintenance phase

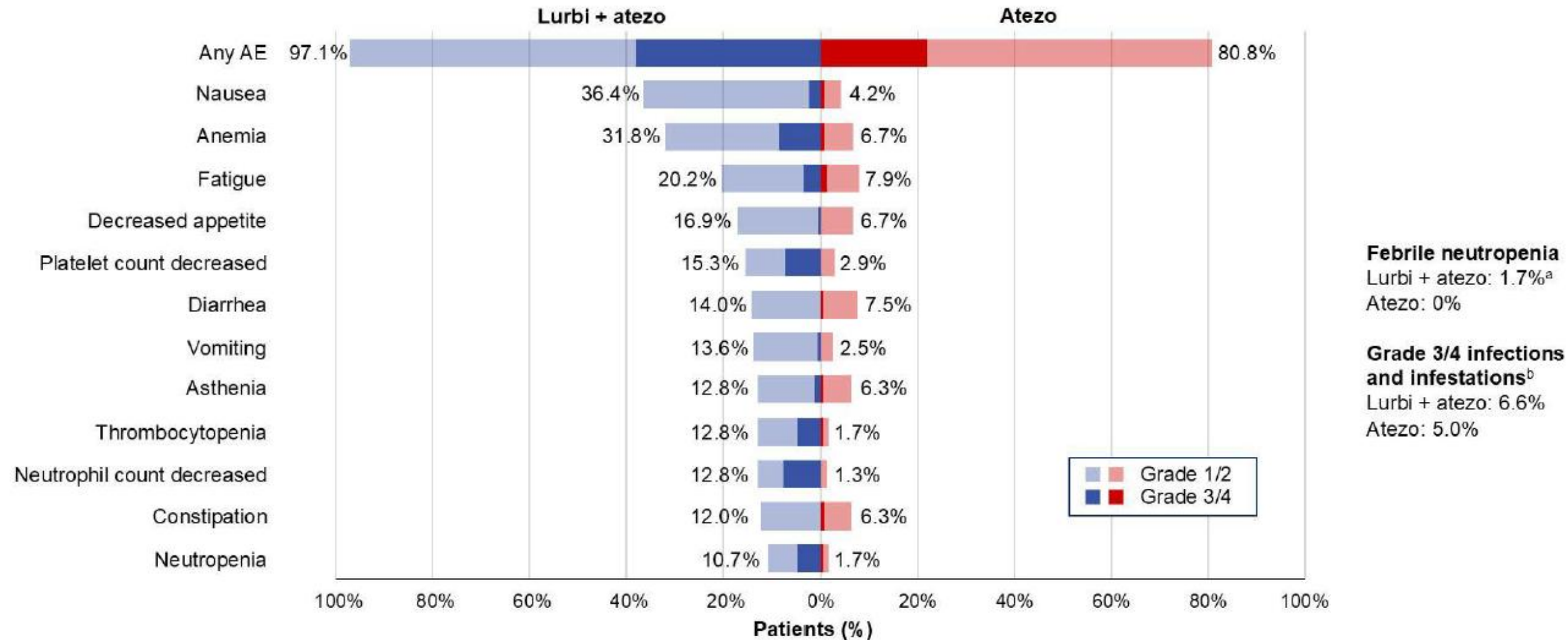
Patients with ≥ 1 AE, n (%)	Lurbi + atezo (n=242)	Atezo (n=240)
All-cause AEs	235 (97.1)	194 (80.8)
Grade 3/4 AEs	92 (38.0)	53 (22.1)
Treatment-related Grade 3/4 AEs	62 (25.6)	14.0 (5.8)
Grade 5 AEs	12 (5.0)	6 (2.5)
Treatment-related Grade 5 AEs	2 (0.8) ^a	1 (0.4) ^b
Serious AEs	75 (31.0)	41 (17.1)
AEs leading to discontinuation of any study drug	15 (6.2)	8 (3.3)
AEs leading to dose interruption/ modification of any study drug ^c	92 (38.0)	33 (13.8)

Patients with ≥ 1 AE, n (%)	Lurbi + atezo (n=242)	Atezo (n=240)
Lurbinectedin AESI ^d	93 (38.4)	62 (25.8)
Grade 5 AESI	7 (2.9)	4 (1.7)
Atezolizumab AESI ^d	76 (31.4)	54 (22.5)
Grade 5 AESI	0	0
Atezolizumab AESI requiring corticosteroids	40 (16.5)	18 (7.5)
Median treatment duration, mo	4.1 (lurbi)/ 4.2 (atezo)	2.1
Median number of doses received	6.5 (lurbi)/ 7.0 (atezo)	4.0

Clinical cutoff: July 29, 2024. One patient randomized to the atezo arm did not receive treatment and was not included in the safety analysis set.

^a Sepsis and febrile neutropenia, both considered related to lurbi. ^b Sepsis considered related to atezo. ^c Atezo dose modifications were not permitted. ^d AESI for lurbi and atezo were pre-specified based on their mechanism of action and were independent of the causal relationship assigned by the investigator. AE, adverse event; AESI, adverse events of special interest.

All-cause AEs with incidence $\geq 10\%$ in either arm



Clinical cutoff: July 29, 2024. Percentage labels represent all-grade AEs, including Grade 5 AEs. Grade 5 AEs occurred in 12 (5.0%) patients in the lurbi + atezo arm and 6 (2.5%) patients in the atezo arm.
^a Includes 1 Grade 5 AE. ^b Grade 5 infections: lurbi + atezo arm (n=6 [2.5%]): COVID-19 pneumonia, pneumonia, pneumonia viral, sepsis, septic shock, and vascular device infection (n=1 each); atezo arm (n=4 [1.7%]): pneumonia (n=2), abscess intestinal, and sepsis (n=1 each).

Efficacy and safety of first-line maintenance therapy with lurbinectedin plus atezolizumab in extensive-stage small-cell lung cancer (IMforte): a randomised, multicentre, open-label, phase 3 trial

*Luis Paz-Ares, Hossein Borghaei, Stephen V Liu, Solange Peters, Roy S Herbst, Katarzyna Stencel, Margarita Majem, Mehmet Ali Nahit Şendur, Grzegorz Czyżewicz, Reyes Bernabé Caro, Ki Hyeong Lee, Melissa L Johnson, Nuri Karadurmuş, Christian Grohé, Sofia Baka, Tibor Csősz, Jin Seok Ahn, Raffaele Califano, Tsung-Ying Yang, Yasemin Kemal, Marcus Ballinger, Vaikunth Cuchelkar, Vilma Graupner, Ya-Chen Lin, Debasis Chakrabarti, Kamalnayan Bhatt, George Cai, Robert Iannone, Martin Reck, for the IMforte investigators**

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Tarlatamab versus chemotherapy as second-line treatment for small cell lung cancer (SCLC): primary analysis of the phase 3 DeLLphi-304 study

Charles M. Rudin, Giannis S. Mountzios, Longhua Sun, Byoung Chul Cho, Umut Demirci, Sofia Baka, Mahmut Gumus, Antonio Lugini, Tudor-Eliade Ciuleanu, Myung-Ju Ahn, Pedro Rocha, Bo Zhu, Fiona Blackhall, Tatsuya Yoshida, Taofeek K. Owonikoko, Luis Paz-Ares, Shuang Huang, Diana Gauto, Gonzalo Recondo, Martin Schuler

Speaker: **Charles M. Rudin, MD, PhD**, Fiona and Stanley Druckenmiller Center for Lung Cancer Research, Memorial Sloan Kettering Cancer Center, New York, USA.

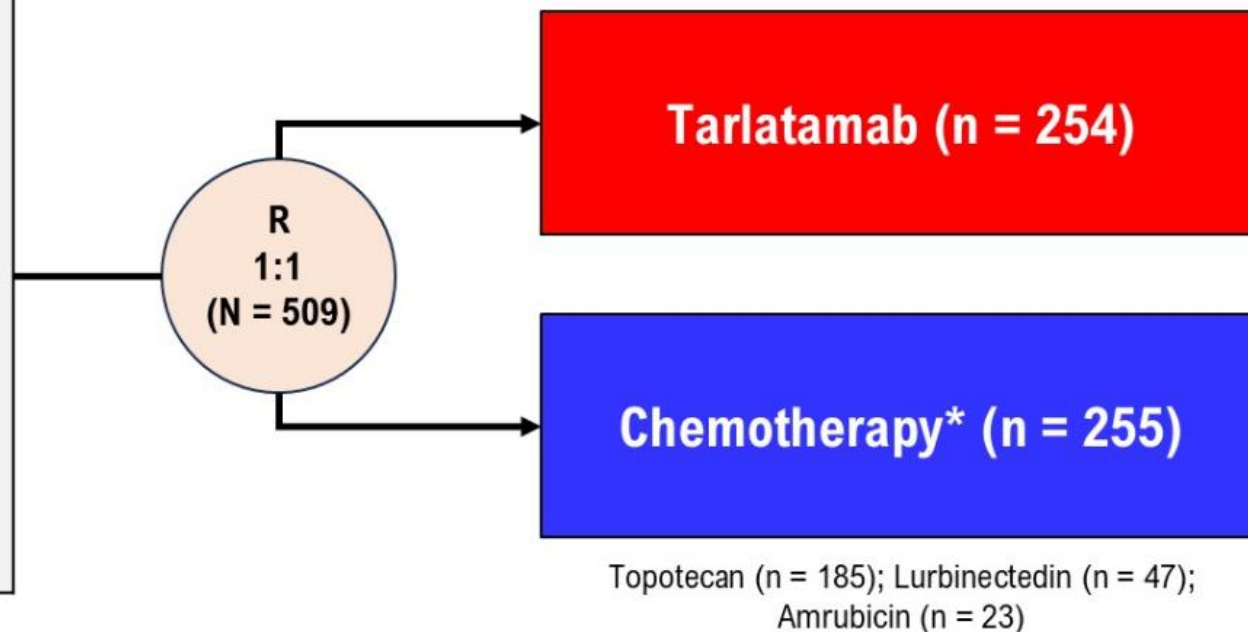
Randomized, controlled, phase 3 DeLLphi-304 study (NCT05740566)

Key inclusion criteria

- Histologically or cytologically confirmed SCLC
- Progression after 1L platinum-based chemotherapy +/- anti-PD-(L)1
- ECOG PS 0 or 1
- Asymptomatic, treated or untreated brain metastases

Randomization stratified by

- Prior anti-PD-(L)1 exposure (yes/no)
- Chemotherapy-free interval (< 90 days vs \geq 90 to < 180 days vs \geq 180 days)
- Presence of (previous/current) brain metastases (yes/no)
- Intended chemotherapy (topotecan/amrubicin vs lurbinectedin)



Primary Endpoint: Overall survival

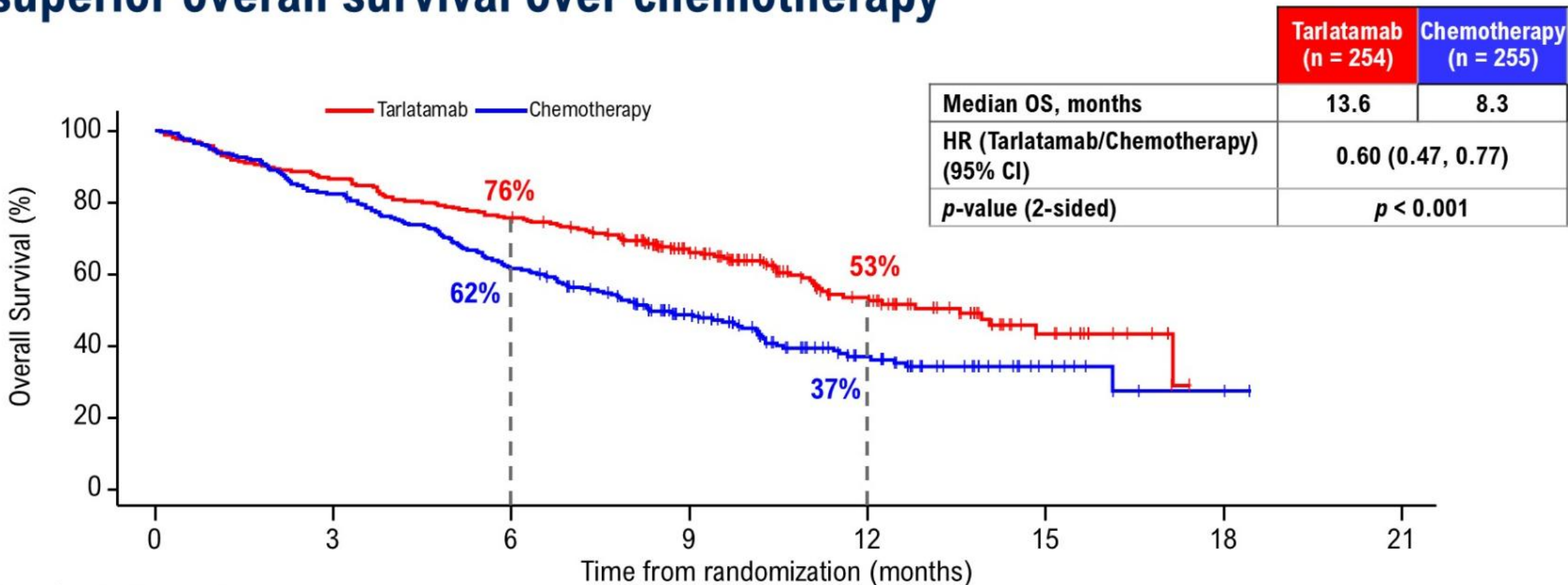
Key Secondary Endpoints: Progression-free survival, patient-reported outcomes

Other Secondary Endpoints: Objective response, disease control, duration of response, safety

*Topotecan was used in all countries except Japan, lurbinectedin in Australia, Canada, Republic of Korea, Singapore and the United States, and amrubicin in Japan.

1L, first-line; ECOG PS, Eastern Cooperative Oncology Group performance status; PD-(L)1, programmed death (ligand)-1; R, randomization; SCLC, small cell lung cancer.

DeLLphi-304 met its primary endpoint with tarlatamab demonstrating superior overall survival over chemotherapy

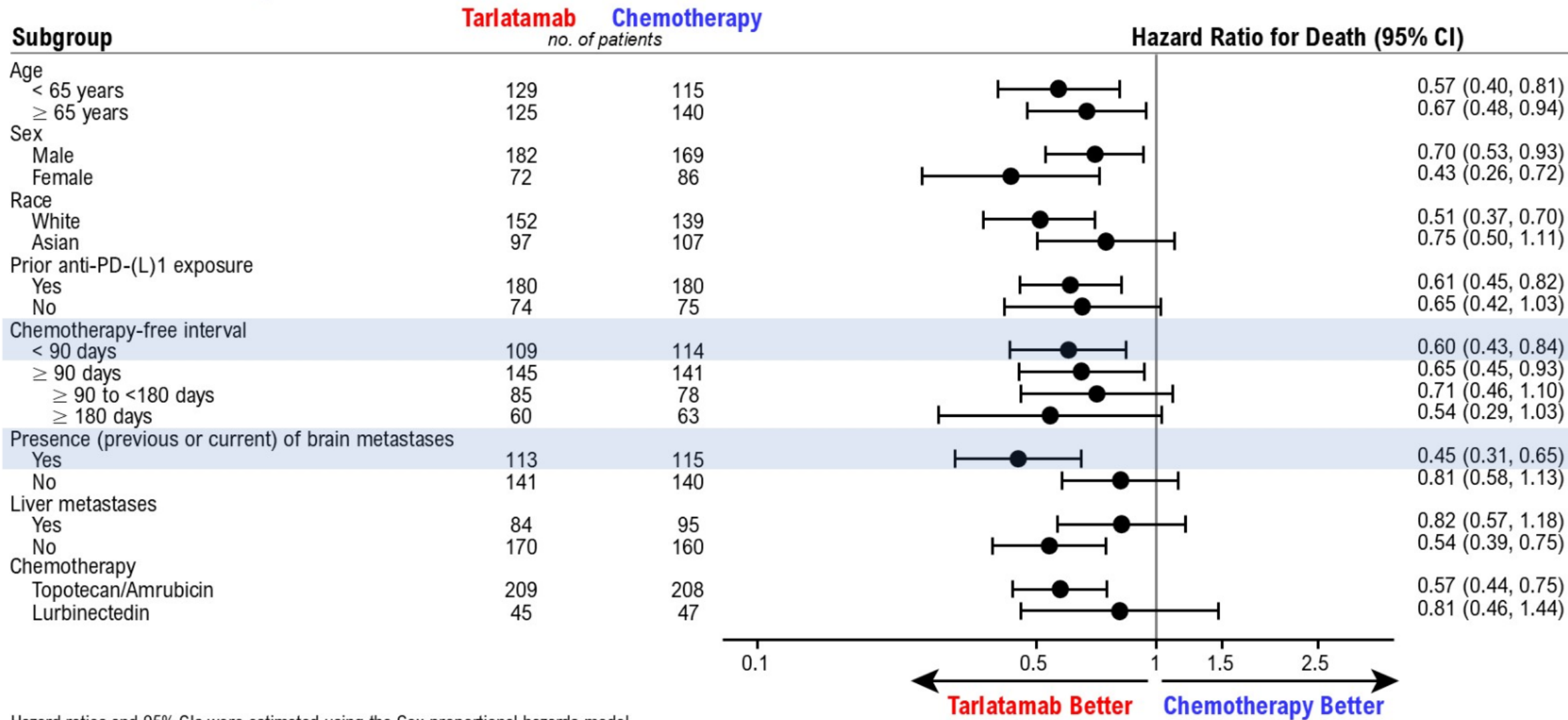


Number of patients at risk:

Tarlatamab	254	220	192	131	60	17	0
Chemotherapy	255	210	156	97	42	9	2

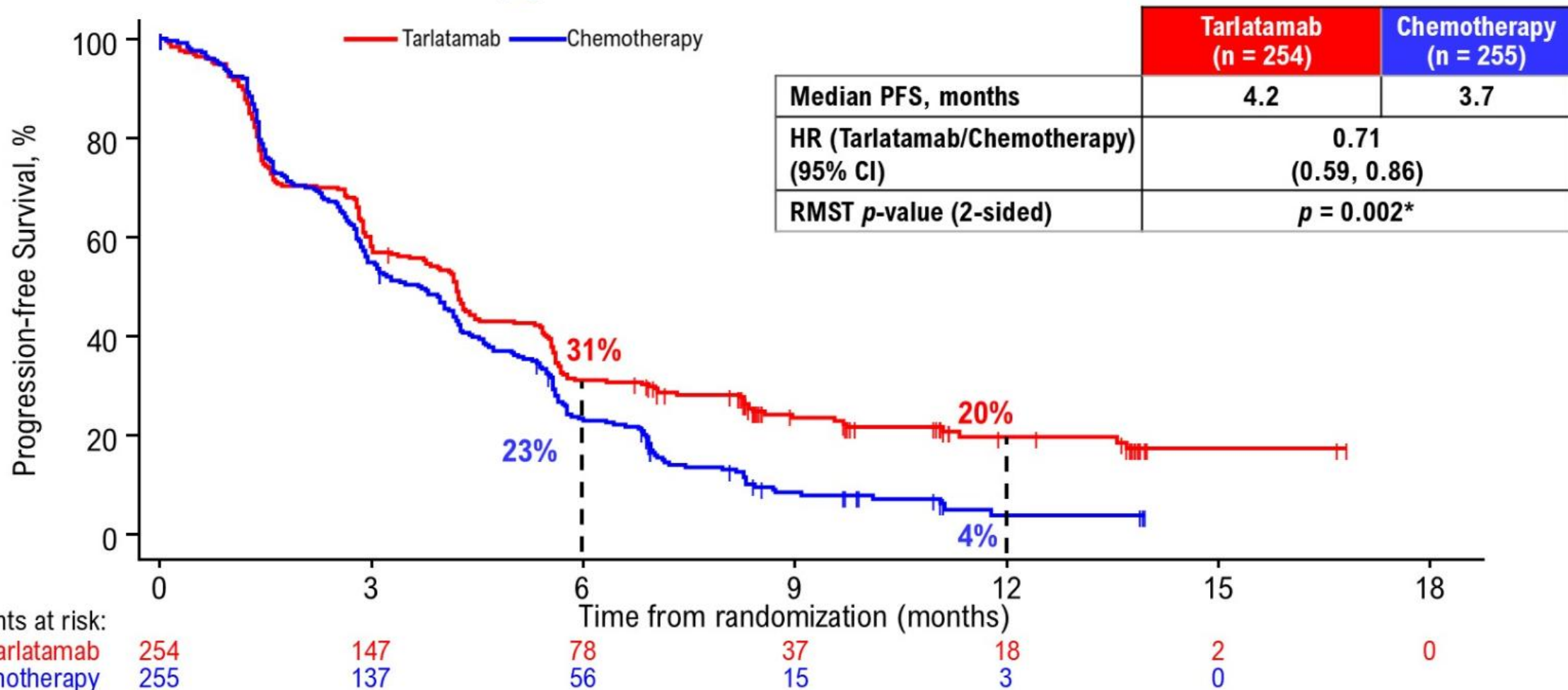
Median follow-up time: 11.2 months for the tarlatamab group and 11.7 months for the chemotherapy group. p-value was calculated using a stratified log-rank test.
 HR, hazard ratio; OS, overall survival.

Survival benefit with tarlatamab was consistent across prespecified patient subgroups



Hazard ratios and 95% CIs were estimated using the Cox proportional hazards model.
PD-(L)1, programmed cell death (ligand)-1.

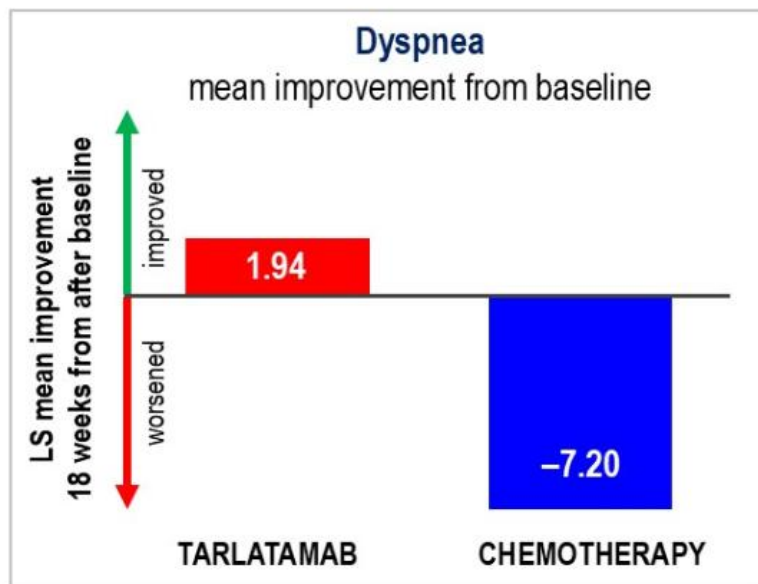
Progression-free survival was significantly longer with tarlatamab vs chemotherapy



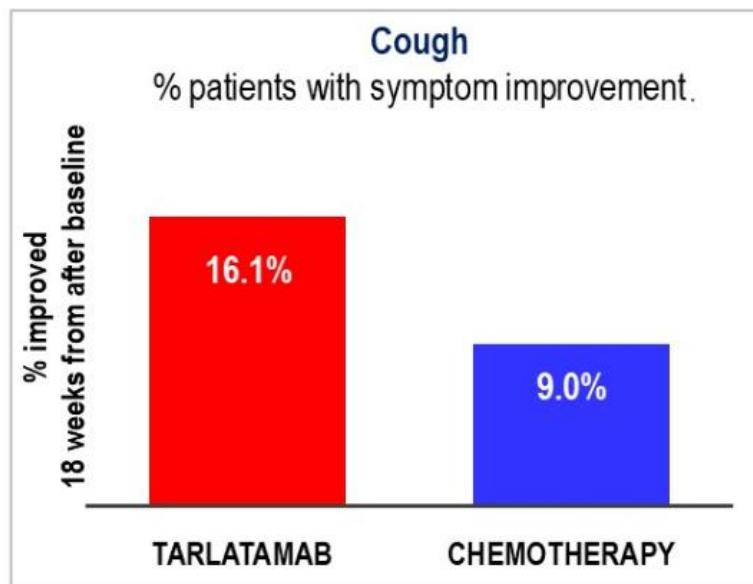
Median follow-up time: 11.0 months for the tarlatamab and the chemotherapy group. *The restricted mean PFS time in the tarlatamab and the chemotherapy group was 5.3 months and 4.3 months at 12 months respectively, resulting in statistically significant improvement of the tarlatamab group over the chemotherapy group.

HR: hazard ratio; PFS, progression-free survival.

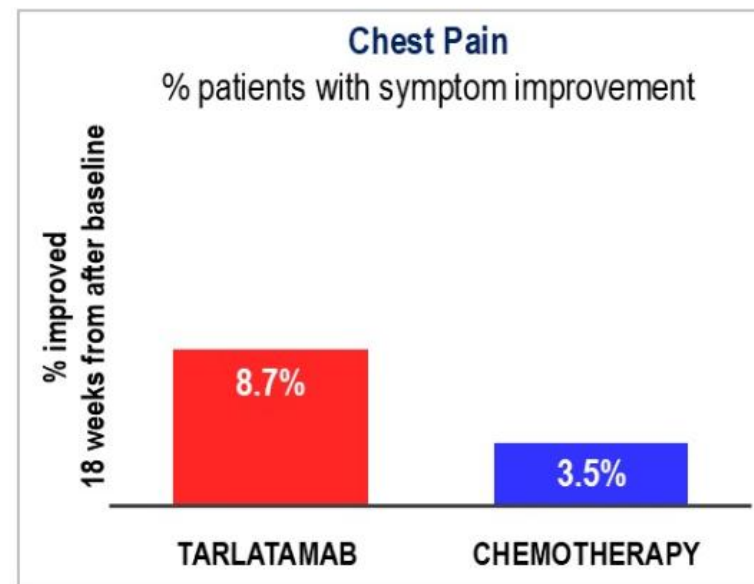
Tarlatamab improved symptoms of dyspnea and cough after 18 weeks from baseline



LS mean difference = -9.14*
95% CI (-12.64, -5.64)
p < 0.001



Odds ratio = 2.04*
95% CI (1.17, 3.55)
p = 0.012



Odds ratio = 1.84*
95% CI (0.89, 3.81)
p = 0.1
(Did not meet statistical significance)

The mean difference in the change after 18 weeks in the physical functioning score (10.35 points [95% CI: 6.00 to 14.69]) and the global health status score (8.93 points [95% CI: 5.04 to 12.83]) trended in favor of tarlatamab. *Similar results were observed when the sensitivity analyses were carried out incorporating a more conservative estimand (i.e., treatment policy strategy) for change from baseline after 18 weeks in **dyspnea** (mean difference, -6.19; [95% CI, -8.88 to -3.49]), **cough** (odds ratio, 1.48 [95% CI, 1.08 to 2.02]), **chest pain** (odds ratio, 1.21 [95% CI, 0.80 to 1.82]).

The change from baseline after 18 weeks in symptoms of chest pain, cough, and dyspnea were measured by European Organisation for Research and Treatment of Cancer Quality of Life Questionnaire (QLQ-C30) and the supplementary symptom scores for Lung Cancer (QLQ-LC13). Change from baseline after 18 weeks in chest pain and cough were analyzed using generalized linear mixed model (GLMM) with a cumulative logit link. Change from baseline after 18 weeks in dyspnea was analyzed using mixed effects model with repeated measures (MMRM) with a restricted maximum likelihood estimator method (REML). A hypothetical estimand strategy was pre-specified for these key secondary PRO endpoints. Clinically meaningful improvement in chest pain and cough was defined as improving at least 1 level in the response categories. Difference in dyspnea score between groups with more than 9 points is considered clinically meaningful.
LS, least squares.

Tarlatamab had a more favorable safety profile

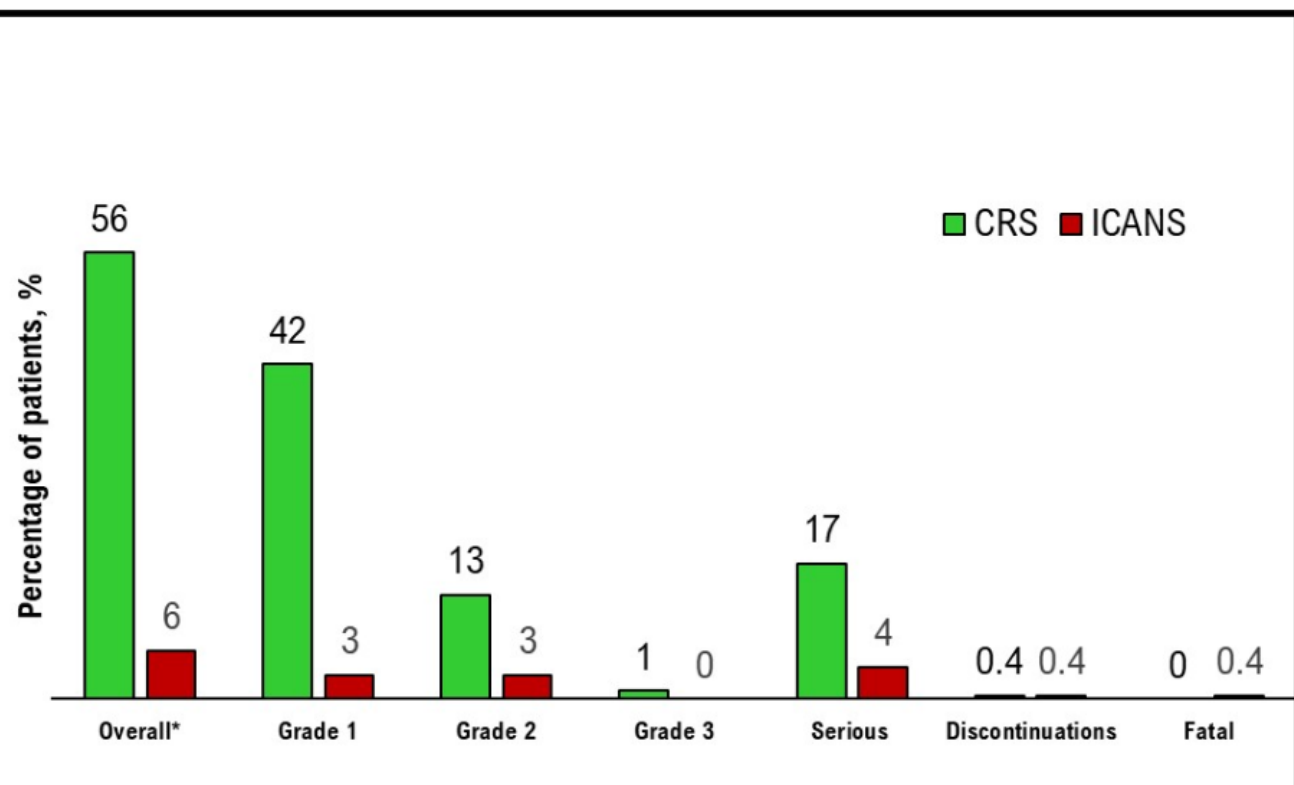
	Tarlatamab (n = 252)*	Chemotherapy (n = 244)*
Median duration of treatment , months, (range)	4.2 (< 1–17)	2.5 (< 1–15)
All grade, TEAEs , n (%)	249 (99)	243 (100)
All grade, TRAEs n (%)	235 (93)	223 (91)
Grade \geq 3 TRAEs, n (%)	67 (27)	152 (62)
Serious TRAEs, n (%)	70 (28)	75 (31)
TRAEs leading to dose interruption and/or dose reduction, n (%)	48 (19)	134 (55)
TRAEs leading to discontinuation, n (%)	7 (3)	15 (6)
Treatment-related grade 5 events[†] , n (%)	1 (0.4)	4 (2)

*Safety analysis set (all patients who received at least one dose of study treatment). [†]The single grade 5 TRAE observed with tarlatamab was attributed to ICANS in the setting of progressive neurological decline concurrent with persistent fever, hypoxemia, and hypotension. Grade 5 TRAEs observed with chemotherapy were attributed to general physical health deterioration (n = 1), pneumonia (n = 1), respiratory tract infection (n = 1), and tumor lysis syndrome (n = 1).

ICANS, immune effector cell-associated neurotoxicity syndrome; TEAE, treatment-emergent adverse event; TRAE, treatment-related adverse event.

CRS and ICANS events were consistent with tarlatamab's established safety profile

Treatment-emergent CRS and ICANS with tarlatamab



CRS with first two infusions

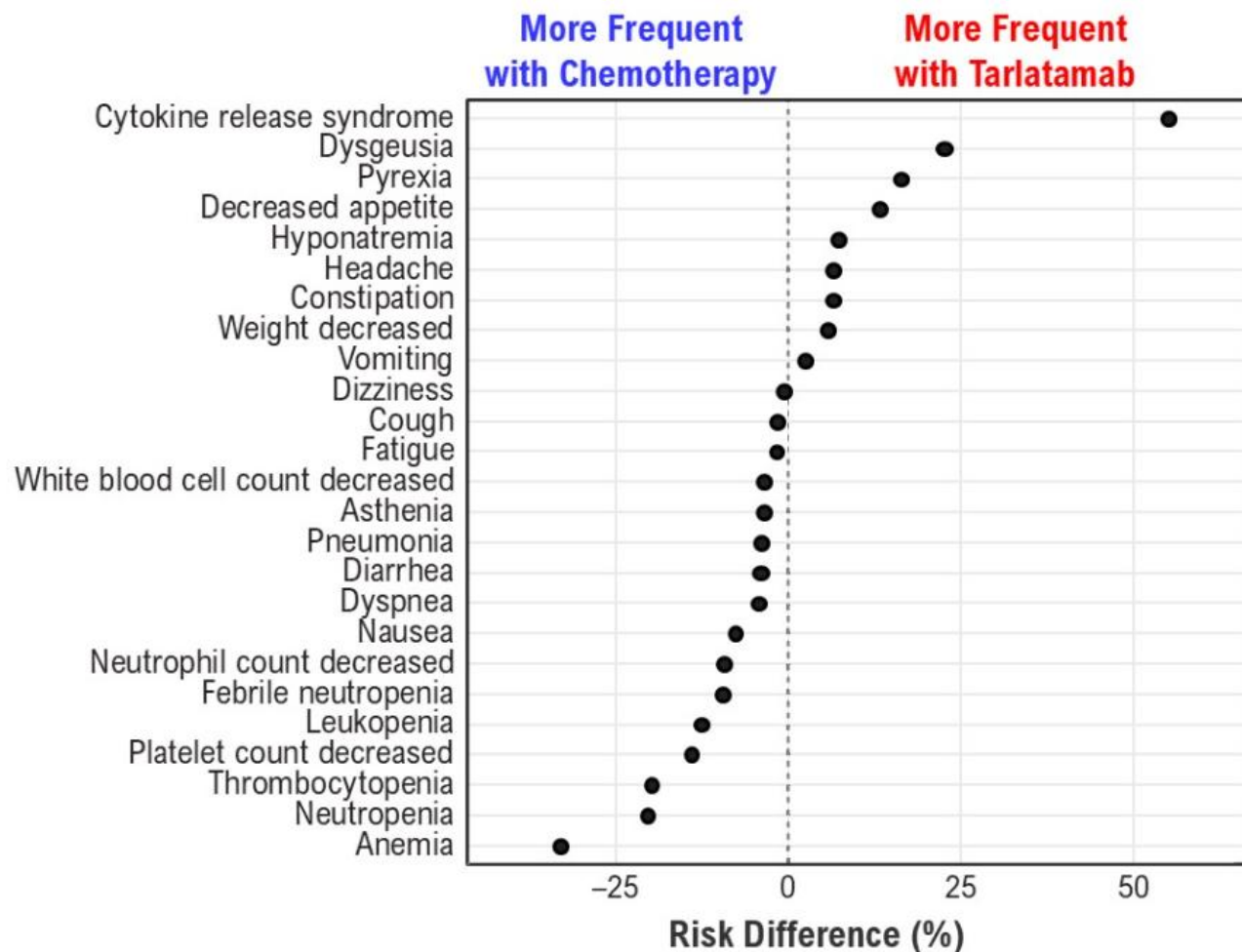
Tarlatamab (N = 252)	Minimum required monitoring duration	
	6 - 8 Hours (n = 43)	48 Hours (n = 209)
Treatment emergent CRS, n (%)*	16 (37)	125 (60)
Grade 1	12 (28)	94 (45)
Grade 2	4 (9)	28 (13)
Grade 3	0 (0)	3 (1)
Serious adverse events	3 (7)	39 (19)
Leading to discontinuation of IP	0 (0)	1 (0.5)
Median time to intervention from last tarlatamab dose (hours)	17	27

*Grade 4 CRS or ICANS events were not observed. A single grade 5 treatment-related adverse event observed with tarlatamab was attributed to ICANS in the setting of progressive neurological decline concurrent with persistent fever, hypoxemia, and hypotension.

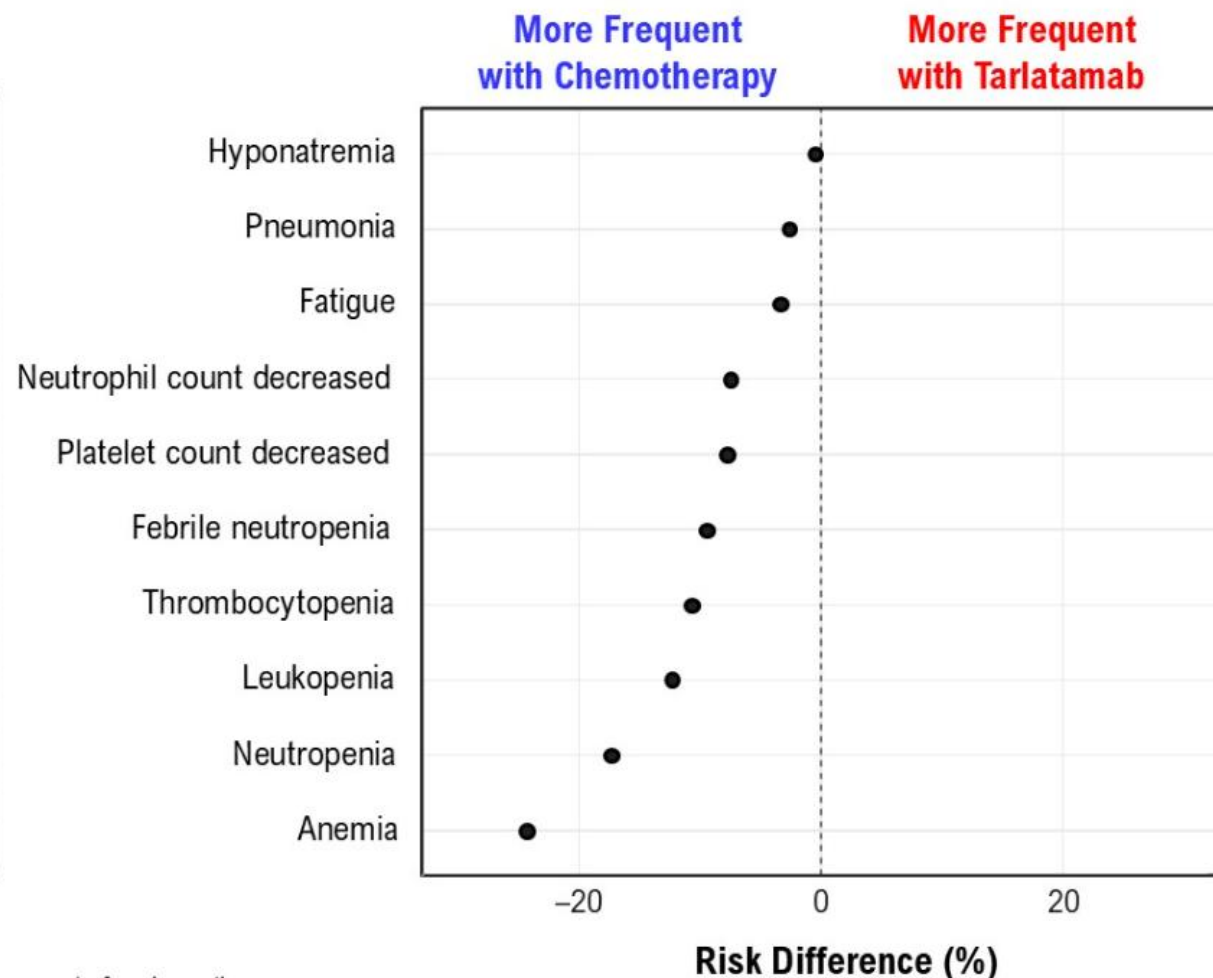
CRS, cytokine release syndrome; ICANS, immune effector cell-associated neurotoxicity syndrome; IP, investigational product.

Patients treated with tarlatamab experienced lower incidence of high-grade AEs

Treatment-emergent Adverse Events in > 10% of Patients



Grade ≥ 3 Treatment-emergent Adverse Events in > 5% of Patients



*Adverse events (AEs) shown include adverse events of interest for tarlatamab and selected known adverse events for chemotherapy.



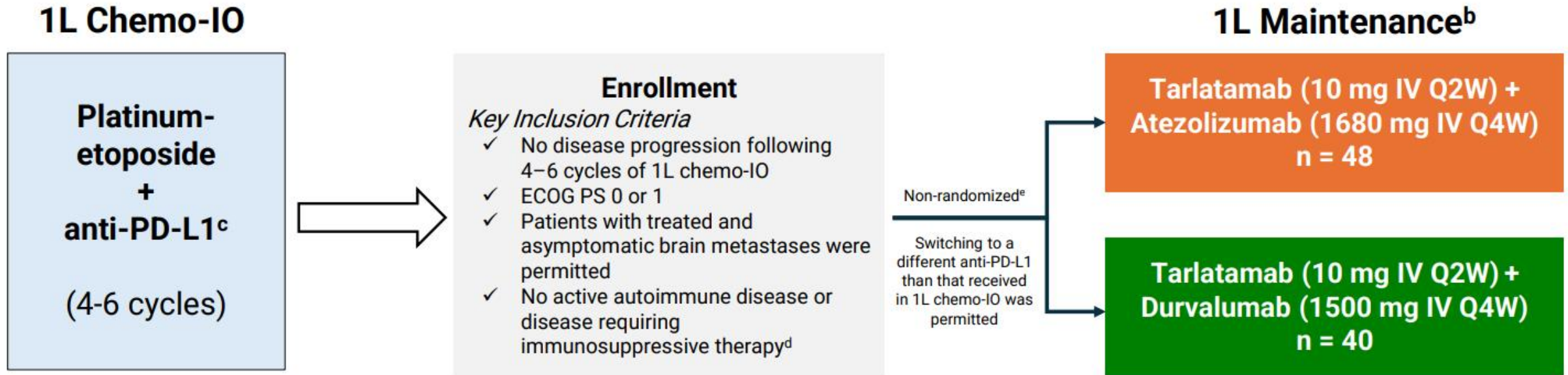
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ORIGINAL ARTICLE

Tarlatamab in Small-Cell Lung Cancer after Platinum-Based Chemotherapy

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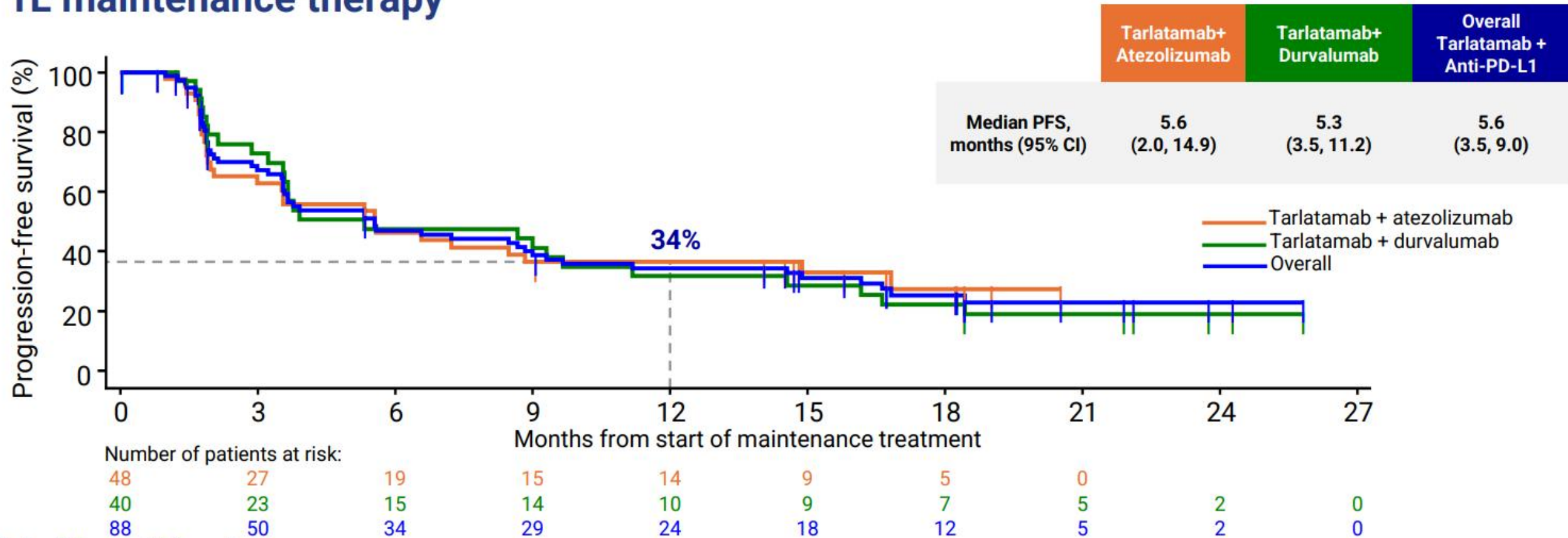
Phase 1b study of tarlatamab with anti-PD-L1 as 1L maintenance for ES-SCLC: DeLLphi 303 Study^a



Primary Endpoints^f: Dose-limiting toxicities^g, treatment-emergent and treatment-related adverse events
Secondary Endpoints^h: Progression-free survival, overall survival, objective response rate, duration of response, and disease control

^aCohorts 5, 6, and 8; NCT05361395. ^bMaintenance therapy commenced within 8 weeks of the start of the last cycle of 1L chemo-IO. ^cPatients without access to 1L anti-PD-L1 were allowed. ^dPatients with active autoimmune disease requiring systemic treatment (except replacement therapy) within the past 2 years were excluded. ^ePatients were allocated to treatment arms in a non-randomized manner based on slot availability. ^fAlso included vital signs, electrocardiograms, and clinical laboratory tests ^gDose-limiting toxicities were assessed for cohort 5 only. ^hAlso included serum concentrations of tarlatamab, quantification of biomarker expression, and incidence of anti-tarlatamab antibody formation. **1L:** first-line; **chemo-IO:** chemo-immunotherapy; **ECOG PS:** Eastern Cooperative Oncology Group performance status; **ES-SCLC:** extensive-stage small cell lung cancer; **IV:** intravenous; **PD-L1:** programmed death-ligand 1; **Q2W:** once every 2 weeks; **Q4W:** once every 4 weeks.

Progression free survival with addition of tarlatamab to anti-PD-L1 as 1L maintenance therapy

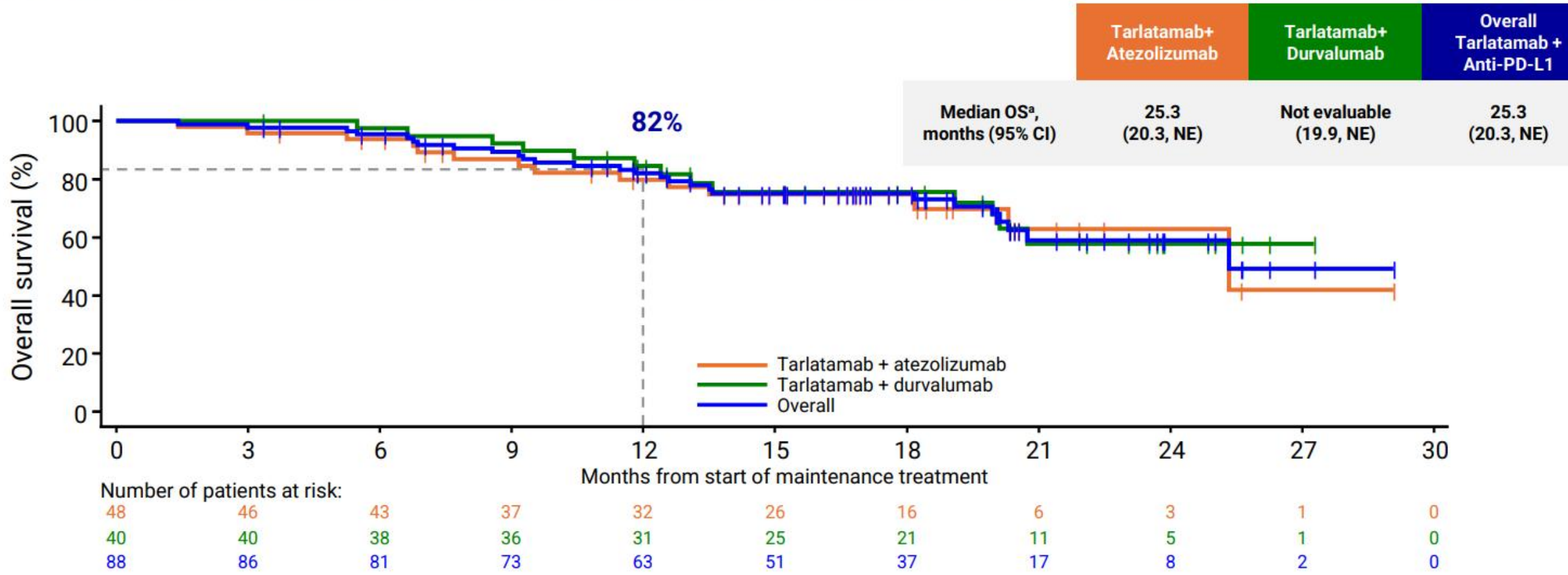


Median follow-up: 18.4 months

Tarlatamab with anti-PD-L1 as 1L maintenance therapy led to a median PFS of 5.6 months (95% CI, 3.5, 9.0).

1L: first-line; CI: confidence interval; PD-L1: programmed death-ligand 1; PFS: progression-free survival.

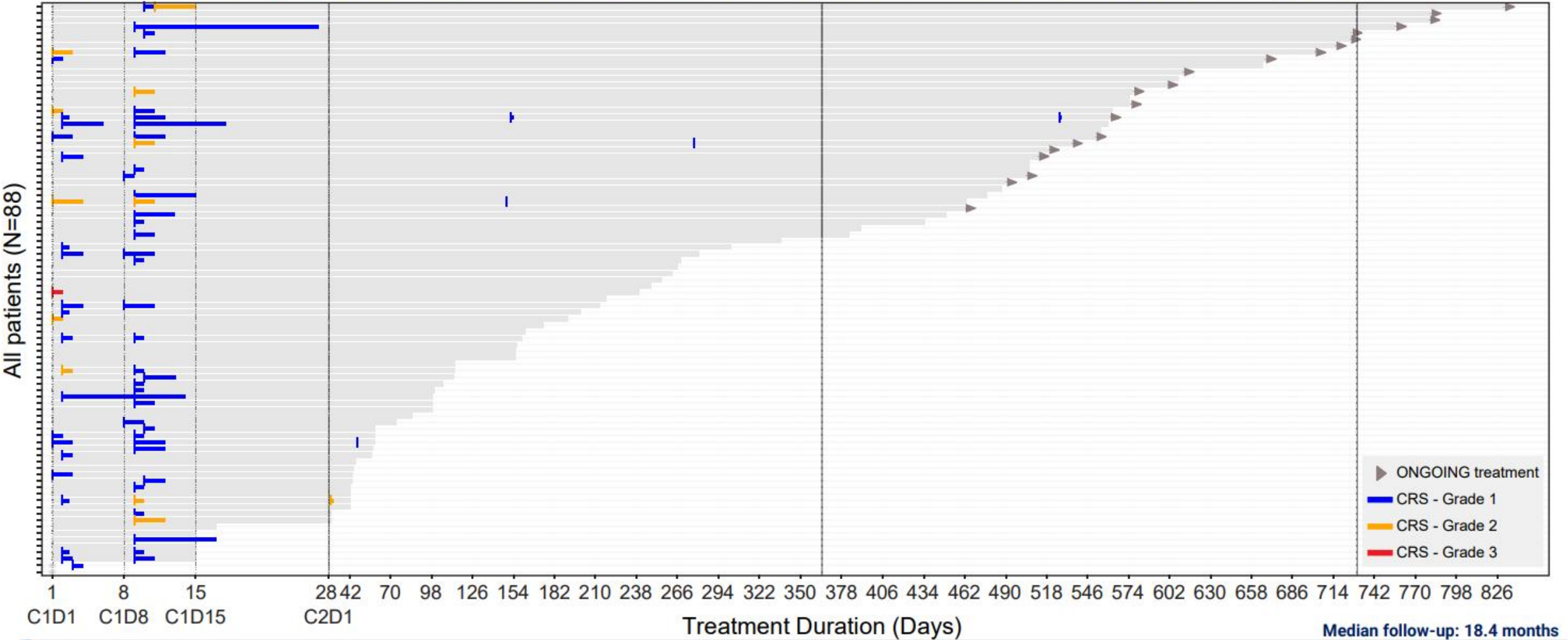
Overall survival with addition of tarlatamab to anti-PD-L1 as 1L maintenance therapy



With a median follow-up time of 18.4 months, tarlatamab with anti-PD-L1 as 1L maintenance therapy led to a median OS of 25.3 months (95% CI, 20.3, NE).

^aThe median OS is immature and will continue to evolve with longer follow-up time. 1L: first-line; CI: confidence interval; NE: not evaluable; OS: overall survival; PD-L1: programmed death-ligand 1.

CRS primarily occurred after the first or second tarlatamab dose in cycle 1



CRS occurred in 49 (56%) of patients, with most events grade 1 (43%) or grade 2 (11%); all CRS events resolved.

CRS (grade 1) led to tarlatamab interruption in one patient. Tarlatamab dose was reduced (i.e., repeat step dosing) in one patient with grade 3 CRS. No CRS events of grade 4 or 5 occurred. The four CRS events after 3 months occurred with tarlatamab rechallenge. **CRS:** cytokine release syndrome.

The Long Road Ahead



Photo credit: Steven Schild