

Second Opinion: Investigators Provide Perspectives on the Current and Future Management of Small Cell Lung Cancer

Saturday, May 30, 2026

7:00 PM – 9:00 PM CT (8:00 PM – 10:00 PM ET)

Faculty

Anne Chiang, MD, PhD

Apar Kishor Ganti, MD, MS

Luis Paz-Ares, MD, PhD

Moderator

Misty Dawn Shields, MD, PhD

Faculty



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Advisory Committees	AbbVie Inc, Amgen Inc, AstraZeneca Pharmaceuticals LP, Boehringer Ingelheim Pharmaceuticals Inc, Daiichi Sankyo Inc, Genentech, a member of the Roche Group, Janssen Biotech Inc, Merck, Zai Lab
Consulting Agreements	AbbVie Inc, Merck
Contracted Research	AbbVie Inc, Amgen Inc, AstraZeneca Pharmaceuticals LP, Bristol Myers Squibb, Genentech, a member of the Roche Group, Zai Lab
Data and Safety Monitoring Boards/Committees	AstraZeneca Pharmaceuticals LP
Honoraria for Lectures	Genentech, a member of the Roche Group, Jazz Pharmaceuticals Inc

Dr Ganti — Disclosures Faculty

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Consulting Agreements	Cardinal Health, Jazz Pharmaceuticals Inc
Contracted Research	Imugene, Iovance Biotherapeutics, Merck, Mirati Therapeutics Inc, Poseida Therapeutics

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Contracted Research	AstraZeneca Pharmaceuticals LP, Bristol Myers Squibb, MSD, Pfizer Inc
Board Memberships	Altum Sequencing, STAb Therapeutics

Dr Shields — Disclosures

Moderator

Steering Committees	AstraZeneca Pharmaceuticals LP
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Dr Aggarwal — Disclosures

Contributing Clinical Investigators

Consulting Agreements	AstraZeneca Pharmaceuticals LP, Blueprint Medicines, Bristol Myers Squibb, Celgene Corporation, Daiichi Sankyo Inc, Genentech, a member of the Roche Group, Lilly, Merck
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Dr Leal — Disclosures

Contributing Clinical Investigators

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Contracted Research	Advaxis Inc, Daiichi Sankyo Inc, Jazz Pharmaceuticals Inc, Pfizer Inc, Synthekine
Data and Safety Monitoring Board/Committee	OncoC4
Travel Support	Regeneron Pharmaceuticals Inc, Sanofi

Research To Practice President Neil Love, MD — Disclosures

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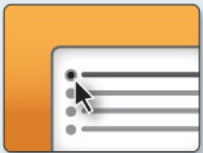
This educational activity contains discussion of non-FDA-approved uses of agents and regimens. Please refer to official prescribing information for each product for approved indications.

Clinicians in the Meeting Room

Networked iPads are available.



Review Program Slides: Tap the Program Slides button to review speaker presentations and other program content.



Answer Survey Questions: Complete the pre- and postmeeting surveys. Survey questions will be discussed throughout the meeting.



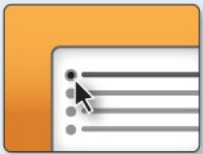
Ask a Question: Tap Ask a Question to submit a challenging case or question for discussion. We will aim to address as many questions as possible during the program.

For assistance, please raise your hand. Devices will be collected at the conclusion of the activity.

Clinicians Attending via Zoom



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Answer Survey Questions: Complete the pre- and postmeeting surveys.



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About the Enduring Program

- The live meeting is being video and audio recorded.
- The proceedings from today will be edited and developed into an enduring web-based program. An email will be sent to all attendees when the activity is available.
- To learn more about our education programs, visit our website, www.ResearchToPractice.com



Friday May 29	Gastroesophageal Cancers 11:30 AM – 1:00 PM CT (12:30 PM – 2:00 PM ET)
	Non-Small Cell Lung Cancer 6:30 PM – 8:30 PM CT (7:30 PM – 9:30 PM ET)
	Chronic Lymphocytic Leukemia 6:30 PM – 8:30 PM CT (7:30 PM – 9:30 PM ET)
	Colorectal Cancer 6:30 PM – 8:00 PM CT (7:30 PM – 9:00 PM ET)
Saturday May 30	Ovarian Cancer 7:00 PM – 9:00 PM CT (8:00 PM – 10:00 PM ET)
	Prostate Cancer 7:00 PM – 9:00 PM CT (8:00 PM – 10:00 PM ET)
	Small Cell Lung Cancer 7:00 PM – 9:00 PM CT (8:00 PM – 10:00 PM ET)
Sunday May 31	Oral SERDs and Agents Targeting the PI3K/AKT/mTOR Pathway for Breast Cancer 7:00 PM – 9:00 PM CT (8:00 PM – 10:00 PM ET)
	Endometrial Cancer 7:00 PM – 8:30 PM CT (8:00 PM – 9:30 PM ET)
	CAR T-Cell Therapy and Bispecific Antibodies for Non-Hodgkin Lymphoma 7:00 PM – 9:00 PM CT (8:00 PM – 10:00 PM ET)
Monday June 1	ADCs for Breast Cancer 7:00 PM – 9:00 PM CT (8:00 PM – 10:00 PM ET)
	Novel Therapies for Non-Hodgkin Lymphoma 7:00 PM – 9:00 PM CT (8:00 PM – 10:00 PM ET)
	Relapsed/Refractory Multiple Myeloma 7:00 PM – 9:00 PM CT (8:00 PM – 10:00 PM ET)
Tuesday June 2	Myelofibrosis (Webinar)

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Second Opinion



Charu Aggarwal, MD

Leslye M Heisler Associate Professor for Lung Cancer
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Agenda

Module 1: Optimizing First-Line and Maintenance Therapy for Extensive-Stage Small Cell Lung Cancer (SCLC) — Dr Shields

Module 2: Management of Relapsed/Refractory SCLC — Dr Paz-Ares

Module 3: Ongoing Investigation and Potential Role of Antibody-Drug Conjugates in SCLC — Dr Chiang

Module 4: Management of Limited-Stage SCLC — Dr Ganti

Agenda

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Module 2: Management of Relapsed/Refractory SCLC — Dr Paz-Ares

Module 3: Ongoing Investigation and Potential Role of Antibody-Drug Conjugates in SCLC — Dr Chiang

Module 4: Management of Limited-Stage SCLC — Dr Ganti



Optimizing First-Line and Maintenance Therapy for Extensive-Stage Small Cell Lung Cancer

Misty Dawn Shields, M.D. Ph.D.

Assistant Professor, Clinical Medicine

Adjunct Assistant Professor, Medical & Molecular Genetics

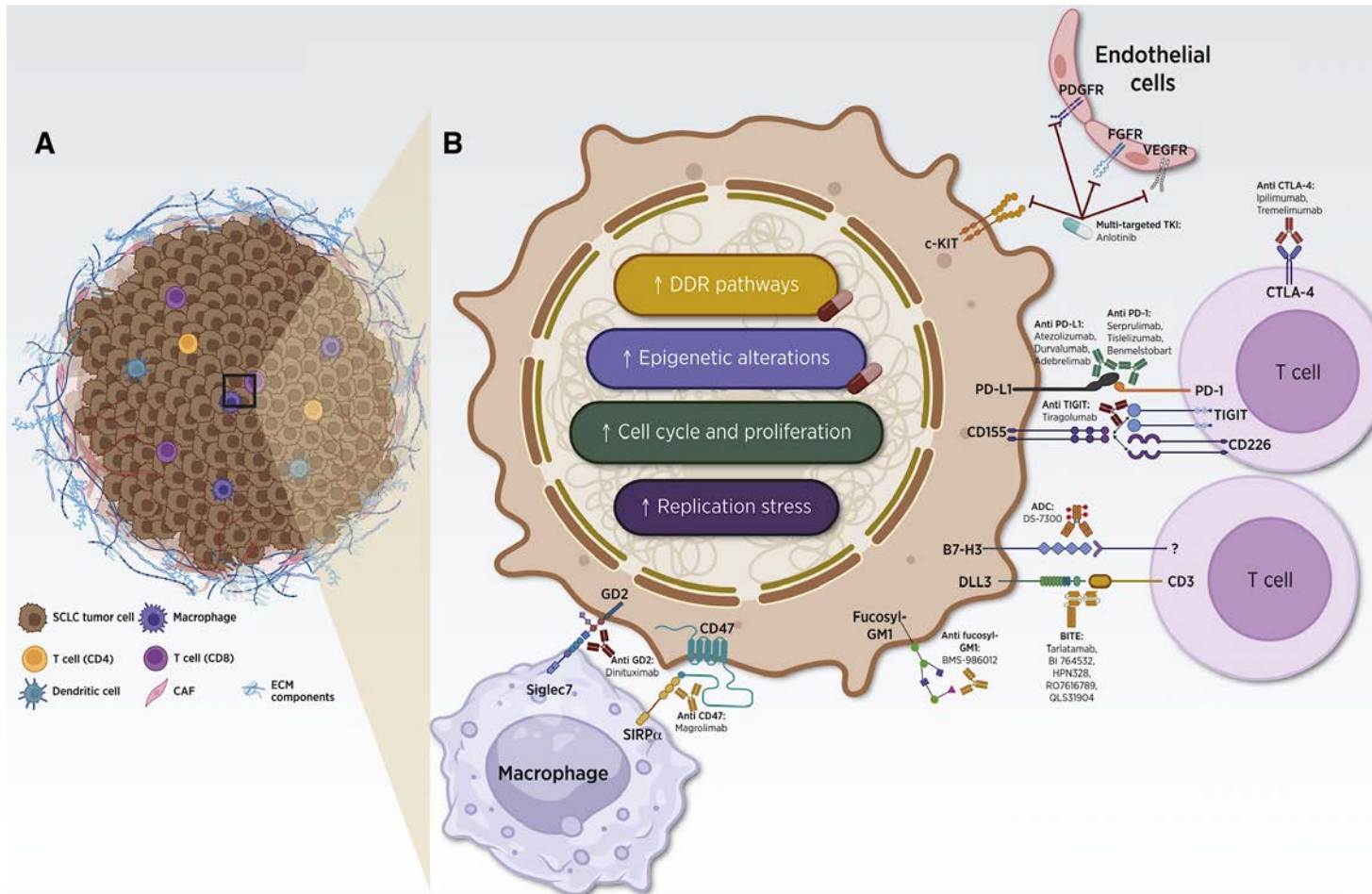
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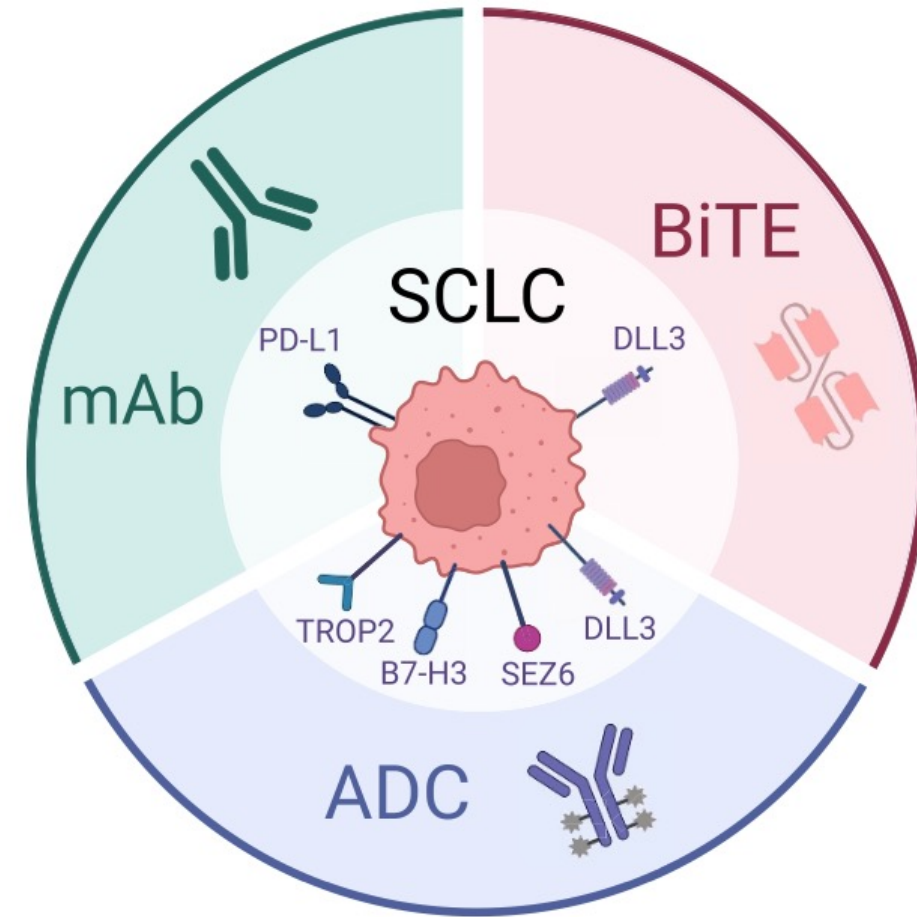
May 30, 2026



Era of Scientific Revolution for SCLC



Zugazgoitia, et al. *Clin Cancer Res.* 2024.

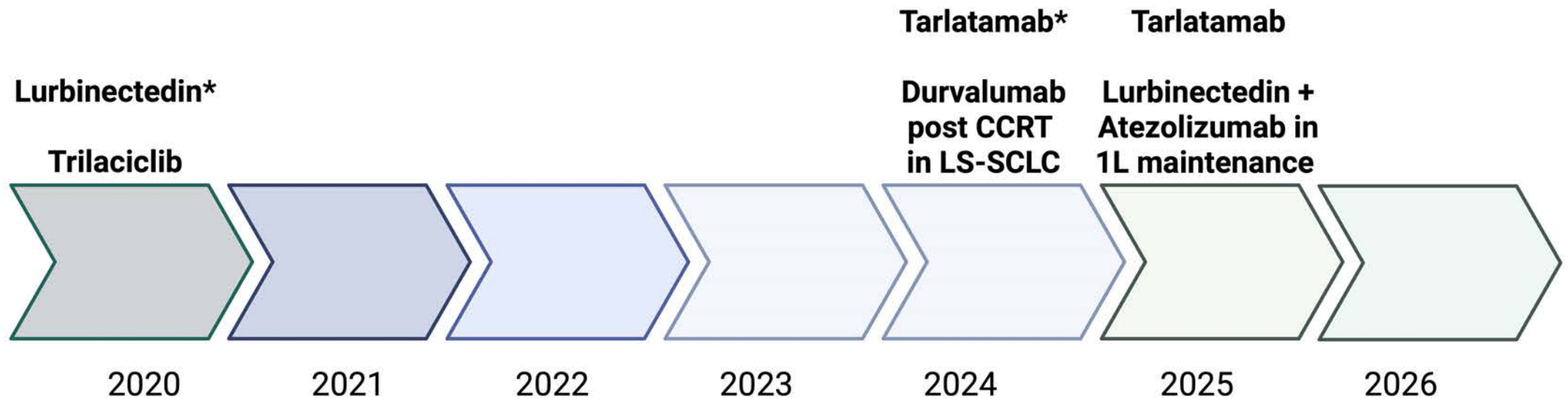


Shields, Chiang, Byers. *Cancer.* 2025.



Tangible Progress in SCLC

FDA Approvals in SCLC



*accelerated approval based on Phase II study



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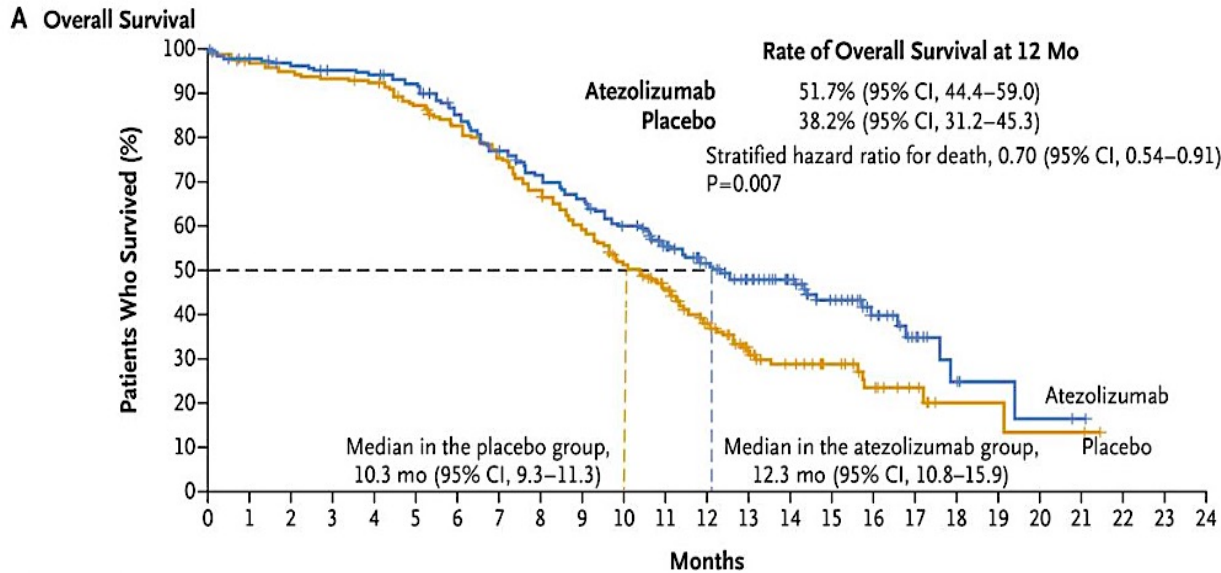
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Plethora of Options: What Is the RIGHT Sequence?

	1L	Maintenance	Relapsed/Refractory	Trial	Survival Benefit Over SOC?	
2019 →	ChemoIO	IO maintenance		IMpower133 CASPIAN	YES	Horn, et al. <i>NEJM</i> 2018 Paz-Ares, et al. <i>Lancet</i> 2019/ESMO Open 2022
2020 →	ChemoIO	IO maintenance	Lurbinectedin	Basket trial		Trigo, et al. <i>Lancet Oncol</i> 2020
2024 →	ChemoIO	IO maintenance	Tarlatamab 3L+	DeLLphi-301		Ahn, et al. <i>NEJM</i> 2023
	ChemoIO	IO maintenance	Antibody-Drug Conjugates	IDeate-Lung01 ABBV-706 TROPICS-03		Rudin, et al. <i>J Clin Oncol</i> 2026 Cooper, et al. ASCO 2025, Abstract 105 Dowlati, et al. <i>J Thorac Oncol</i> 2025
	ChemoIO	IO maintenance		DeLLphi-303		Paulson, et al. <i>Lancet Oncol</i> 2025
2025 →	ChemoIO	IO maintenance		IMforte	YES	Paz-Ares, et al. <i>Lancet</i> 2025
	ChemoIO	IO maintenance	Lurbinectedin			
	ChemoIO	IO maintenance	Tarlatamab 2L	DeLLphi-304	YES	Mountzios, et al. <i>NEJM</i> 2025



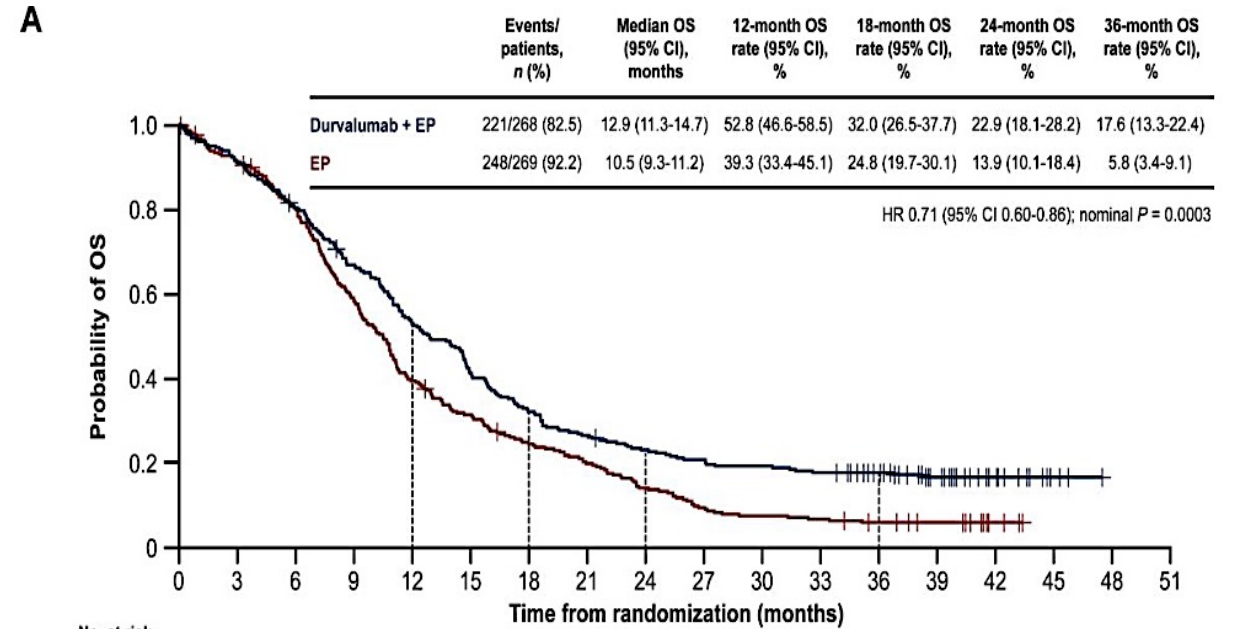
Chemoimmunotherapy: Standard of Care for 1L ES-SCLC Since 2019



No. at Risk

Months	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Atezolizumab	201	191	187	182	180	174	159	142	130	121	108	92	74	58	46	33	21	11	5	3	2	1			
Placebo	202	194	189	186	183	171	160	146	131	114	96	81	59	36	27	21	13	8	3	3	2	2			

IMpower133



No. at risk

Time from randomization (months)	0	3	6	9	12	15	18	21	24	27	30	33	36	39	42	45	48	51
Durvalumab + EP	268	244	214	177	140	109	85	70	60	54	50	46	39	25	13	3	0	0
EP	269	243	212	156	104	82	64	51	36	24	19	17	13	10	3	0	0	0

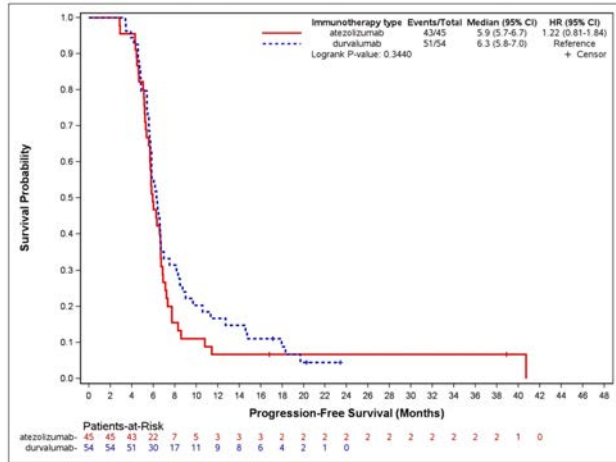
CASPIAN

Horn, et al. *NEJM* 2018; Paz-Ares, et al. *Lancet* 2019/ESMO Open 2022.

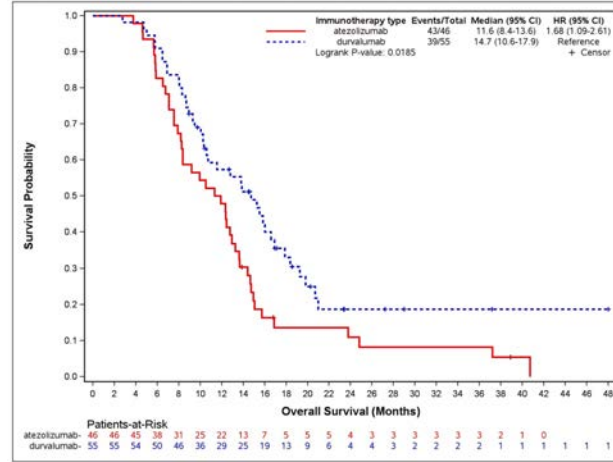


Does the Choice of IO Agent Matter in 1L ES-SCLC?

PFS

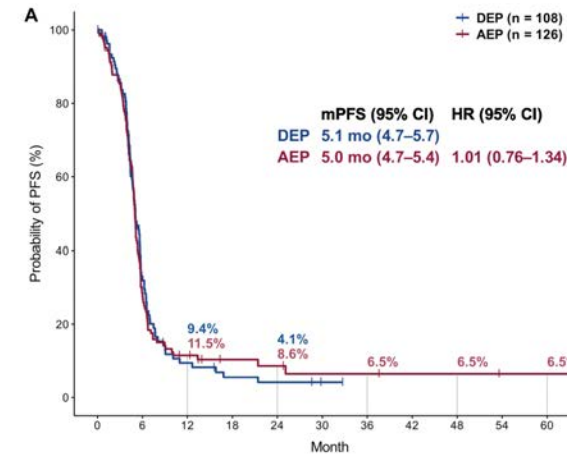


OS

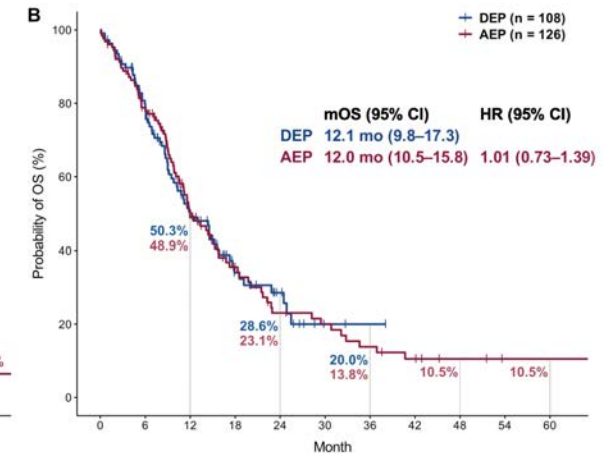


Vince, et al. *Lung Cancer* 2024.

PFS



OS



Aiba, et al. *Lung Cancer* 2026.

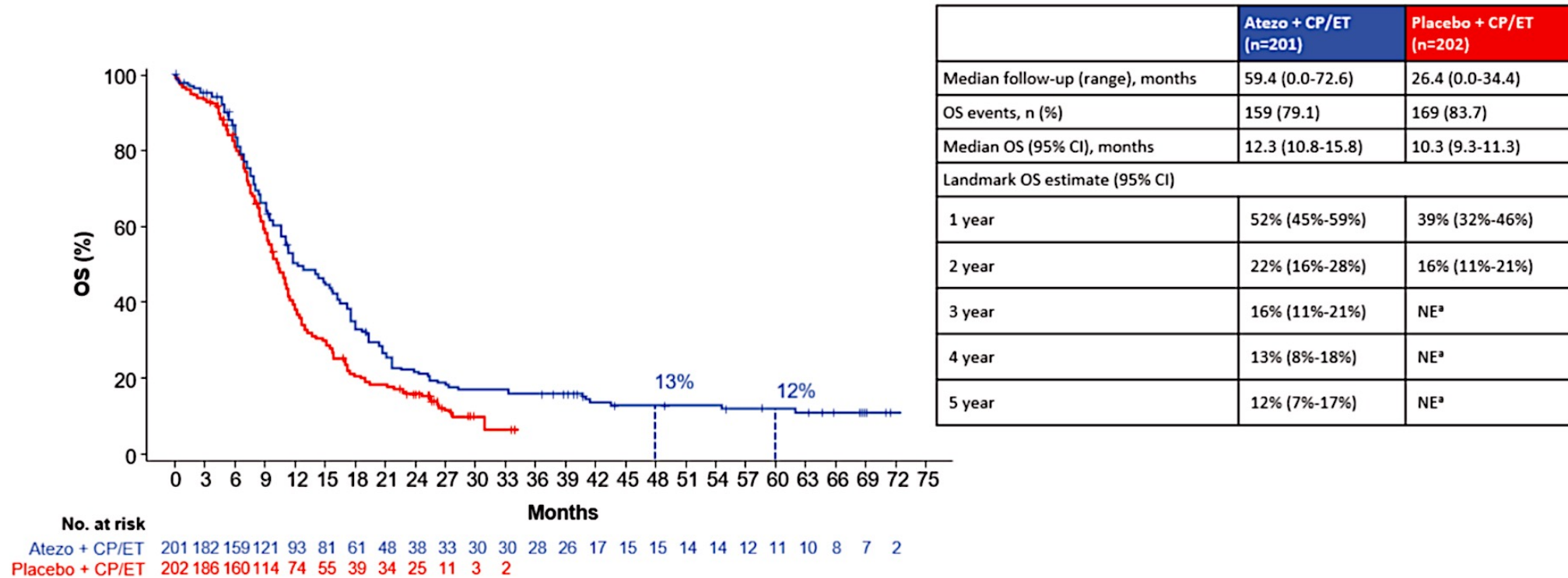
Durvalumab with superior OS

No significant difference in OS



Are There Long-Term IO Responders in ES-SCLC? Yes!

Five-year survival in patients with extensive-stage small cell lung cancer treated with atezolizumab in the Phase III IMpower133 study and the Phase III IMbrella A extension study

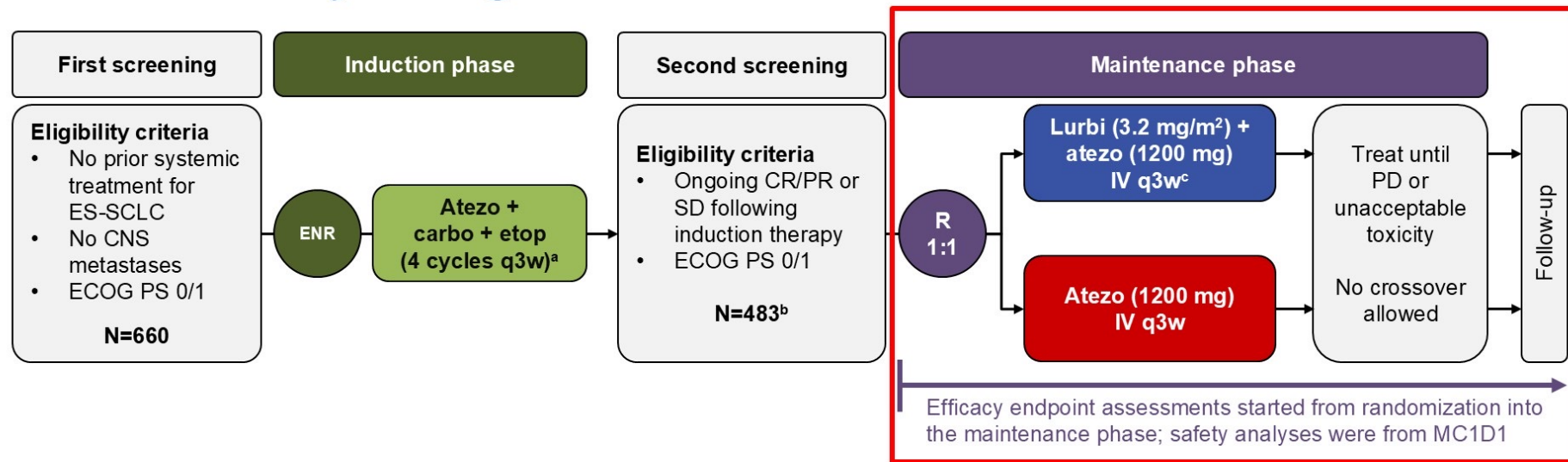


Reck, et al. *Lung Cancer*. 2024.



Can We Intensify IO Maintenance with Lurbinectedin?

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

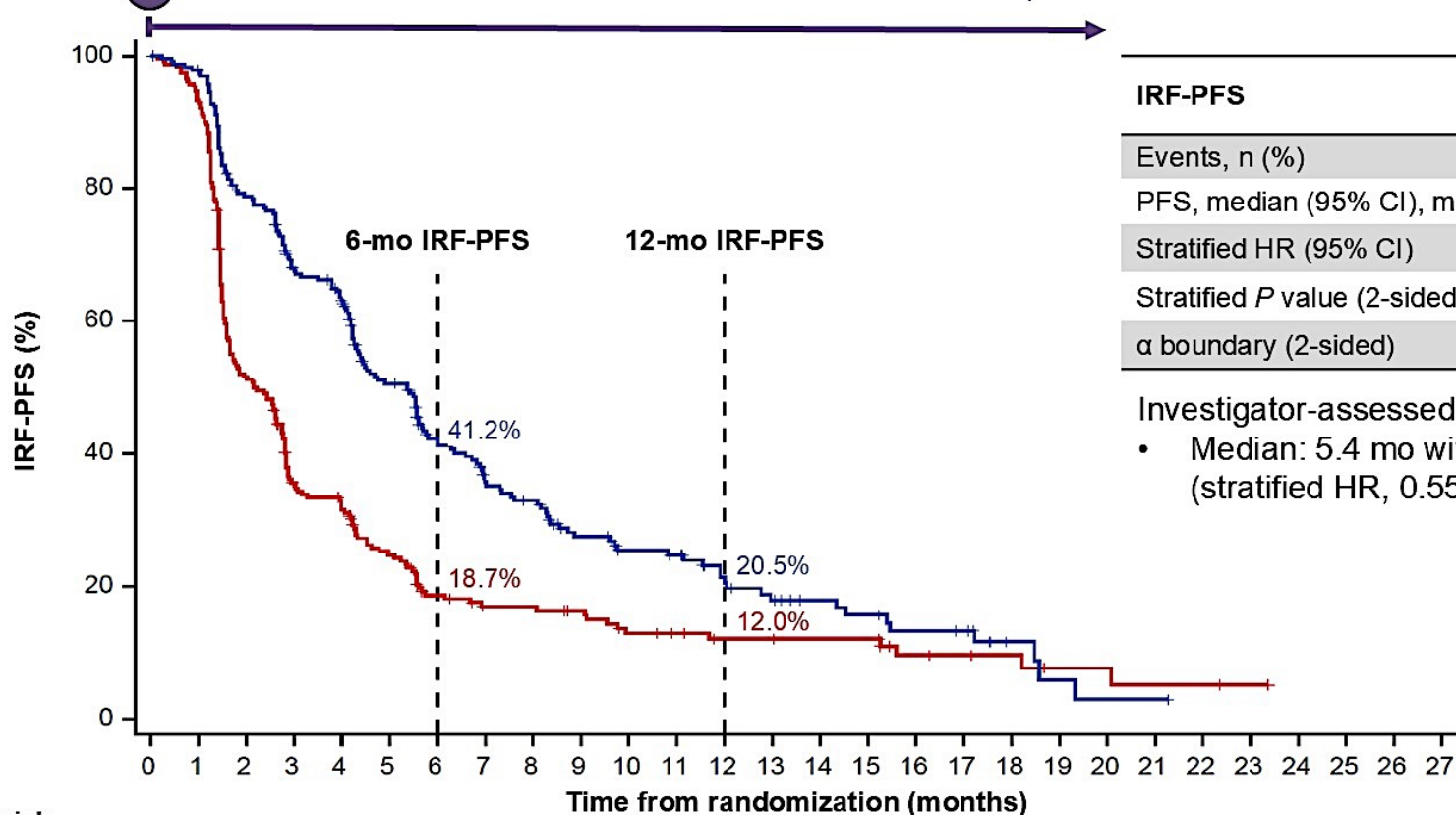
ClinicalTrials.gov ID: NCT05091567.

^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	

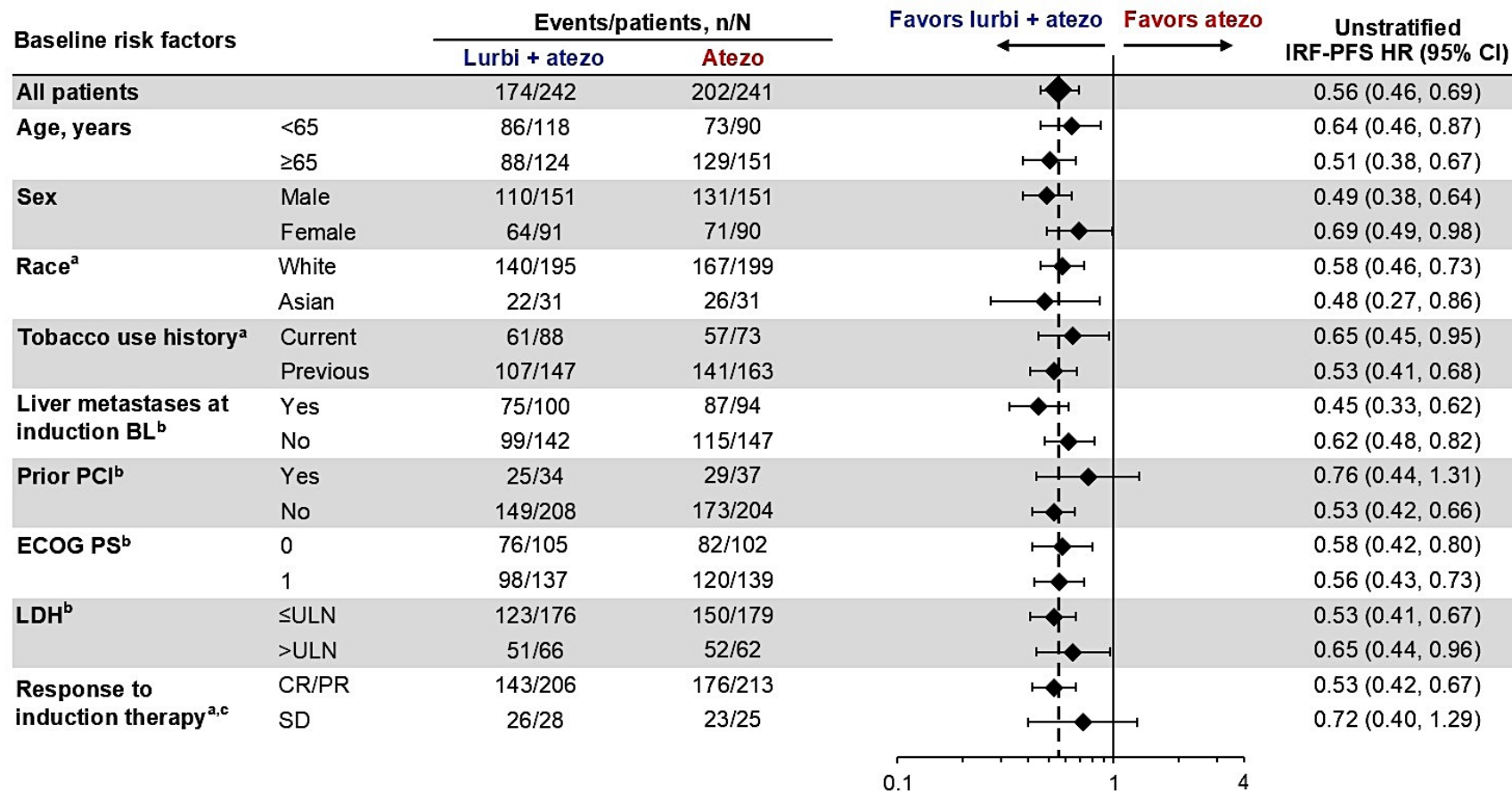
Investigator-assessed PFS was consistent with IRF-PFS

- 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	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
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
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

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

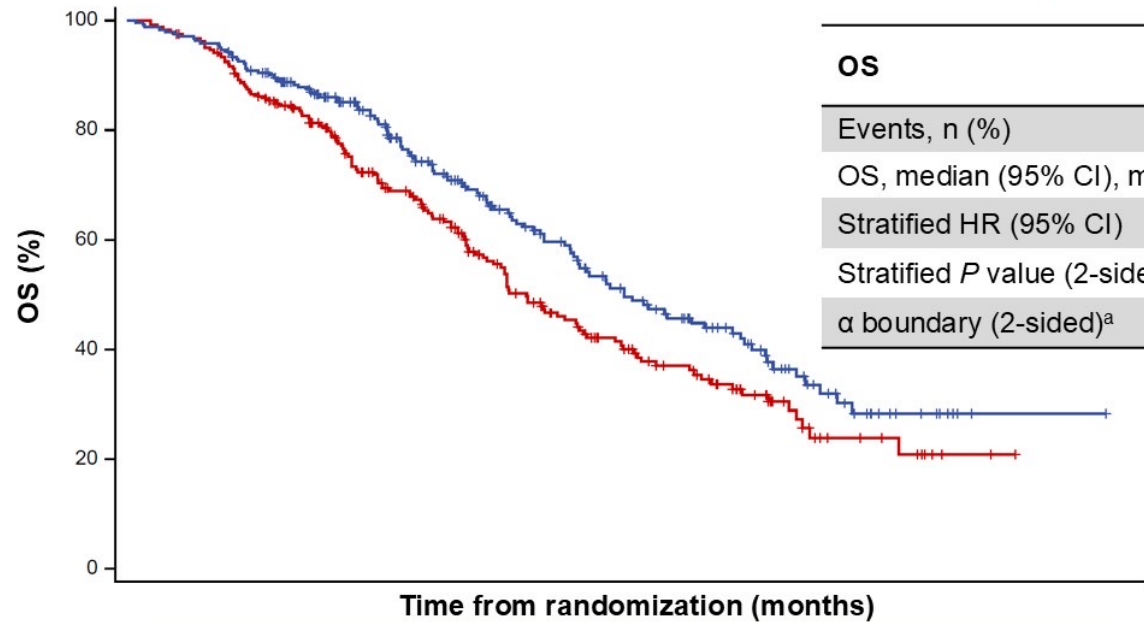
IRF-PFS subgroup analysis



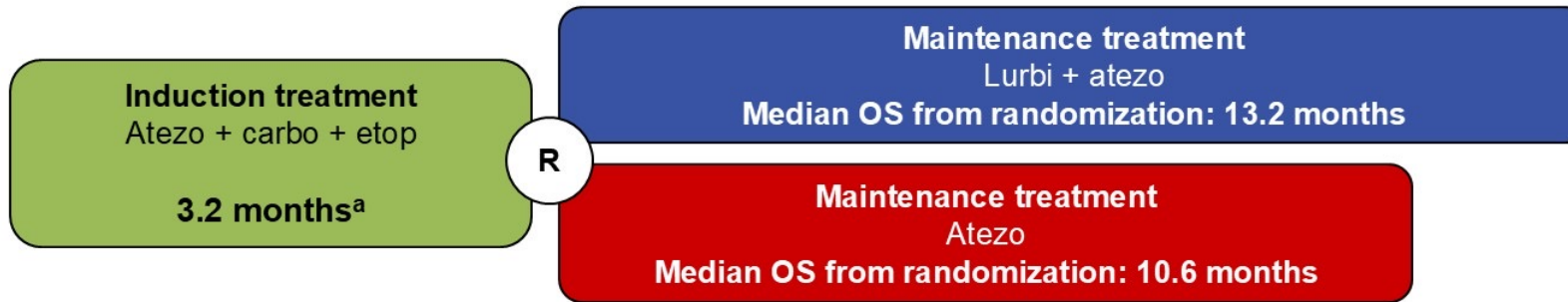
Clinical cutoff: July 29, 2024; median survival follow-up: 15.0 mo (minimum follow-up: 3.0 mo).

^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



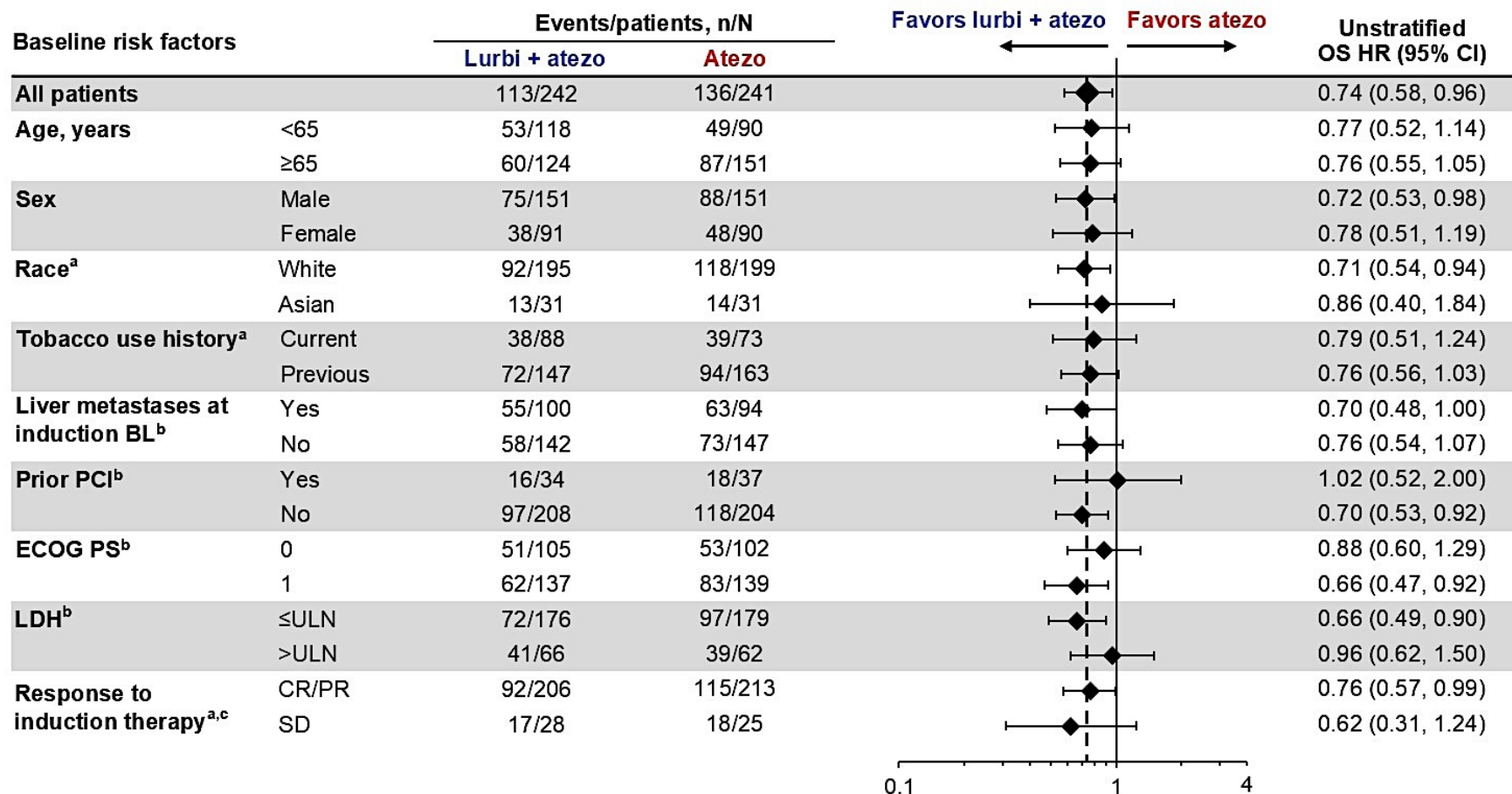
OS	Lurbi + atezo (n=242)	Atezo (n=241)
Events, n (%)	113 (46.7)	136 (56.4)
OS, median (95% CI), mo	13.2 (11.9, 16.4)	10.6 (9.5, 12.2)
Stratified HR (95% CI)	0.73 (0.57, 0.95)	
Stratified <i>P</i> value (2-sided)	0.0174	
α boundary (2-sided) ^a	0.0313	



IMforte results do not include time on induction treatment

^a Median time from start of induction treatment to randomization was analyzed for 483 randomized patients. Note: 660 patients were enrolled into the induction phase, out of whom 177 patients were not randomized into the maintenance phase.

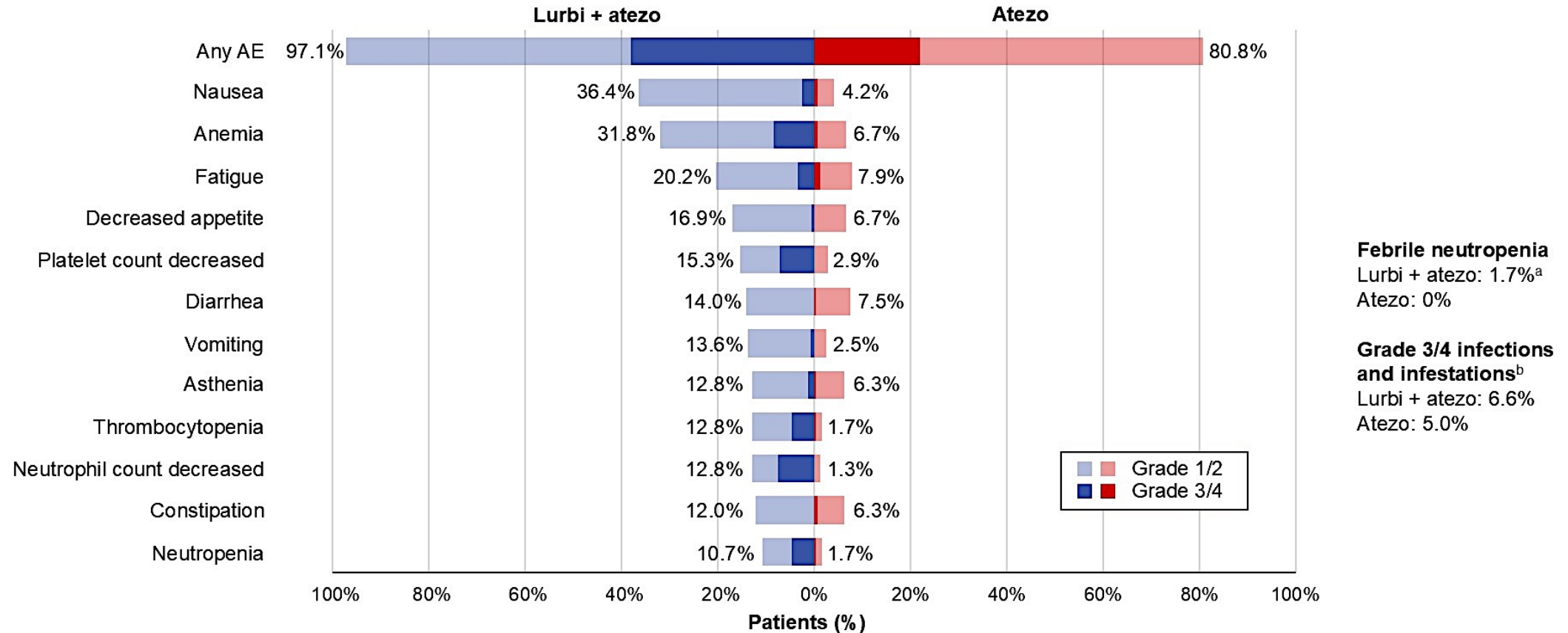
OS subgroup analysis



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.

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).

Tarlatamab (DLL3xCD3)

Phase 2 DeLLphi-301 (NCT05060016)

Randomized to one of two cohorts:

10 mg or 100 mg dose

ORR: 40% (10 mg), 32% (100 mg)

Accelerated approval (May 2024)

Full regulatory approval (Nov 2025)

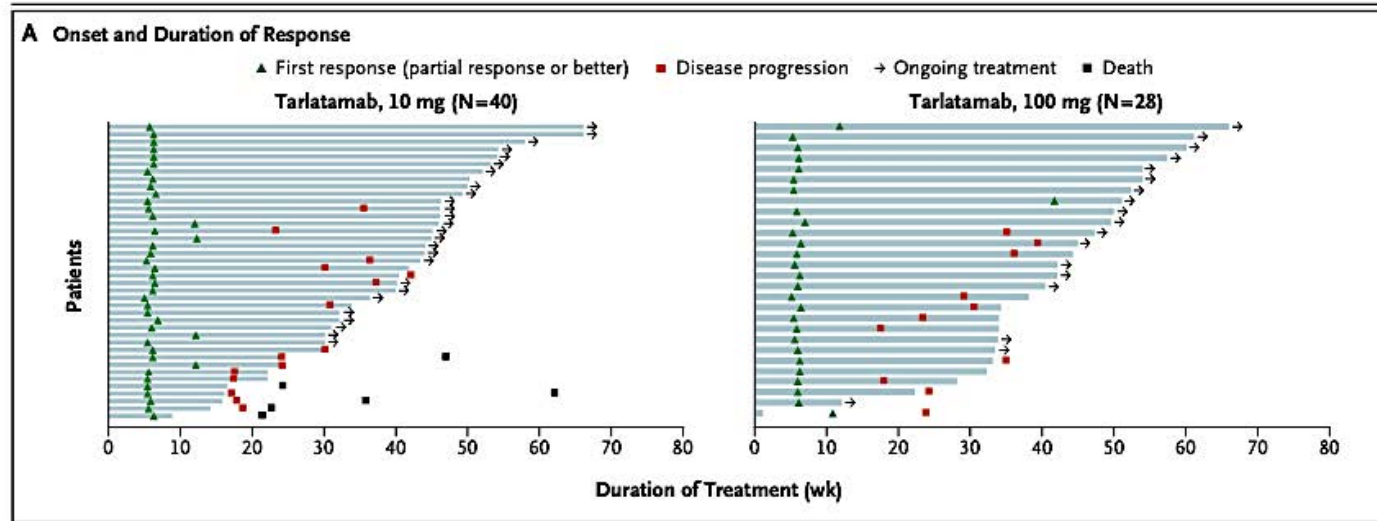
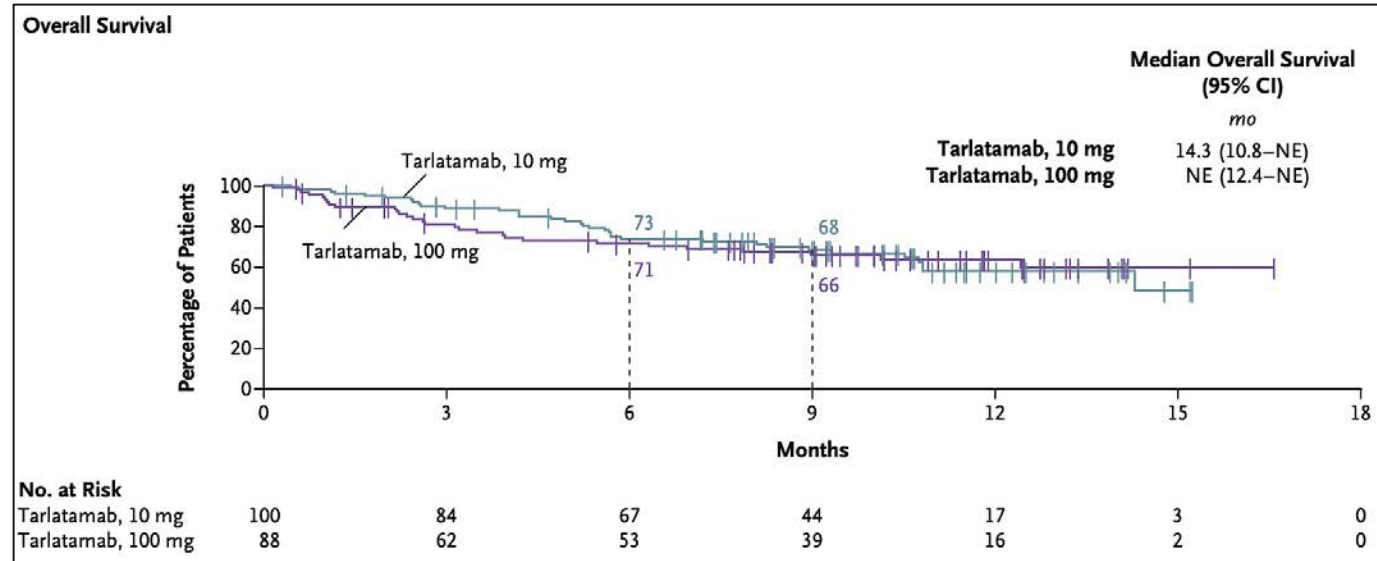
Following platinum-based therapies (2L+)

FDA Boxed Warning:

Cytokine release syndrome

Neurotoxicity

C1D1 & C1D8 require 22-24h observation



Majority of patients had responses lasting over 6 months!

Ahn, et al. *NEJM*. 2023.



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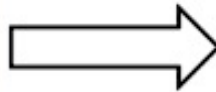
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Phase 1b study of tarlatamab with anti-PD-L1 as 1L maintenance for ES-SCLC: DeLLphi 303 Study^a



1L Chemo-IO

Platinum-etoposide + anti-PD-L1^c
(4-6 cycles)



Enrollment

Key Inclusion Criteria

- ✓ No disease progression following 4-6 cycles of 1L chemo-IO
- ✓ ECOG PS 0 or 1
- ✓ Patients with treated and asymptomatic brain metastases were permitted
- ✓ No active autoimmune disease or disease requiring immunosuppressive therapy^d

Non-randomized^e

Switching to a different anti-PD-L1 than that received in 1L chemo-IO was permitted

1L Maintenance^b

Tarlatamab (10 mg IV Q2W) + Atezolizumab (1680 mg IV Q4W)
n = 48

Tarlatamab (10 mg IV Q2W) + Durvalumab (1500 mg IV Q4W)
n = 40

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.



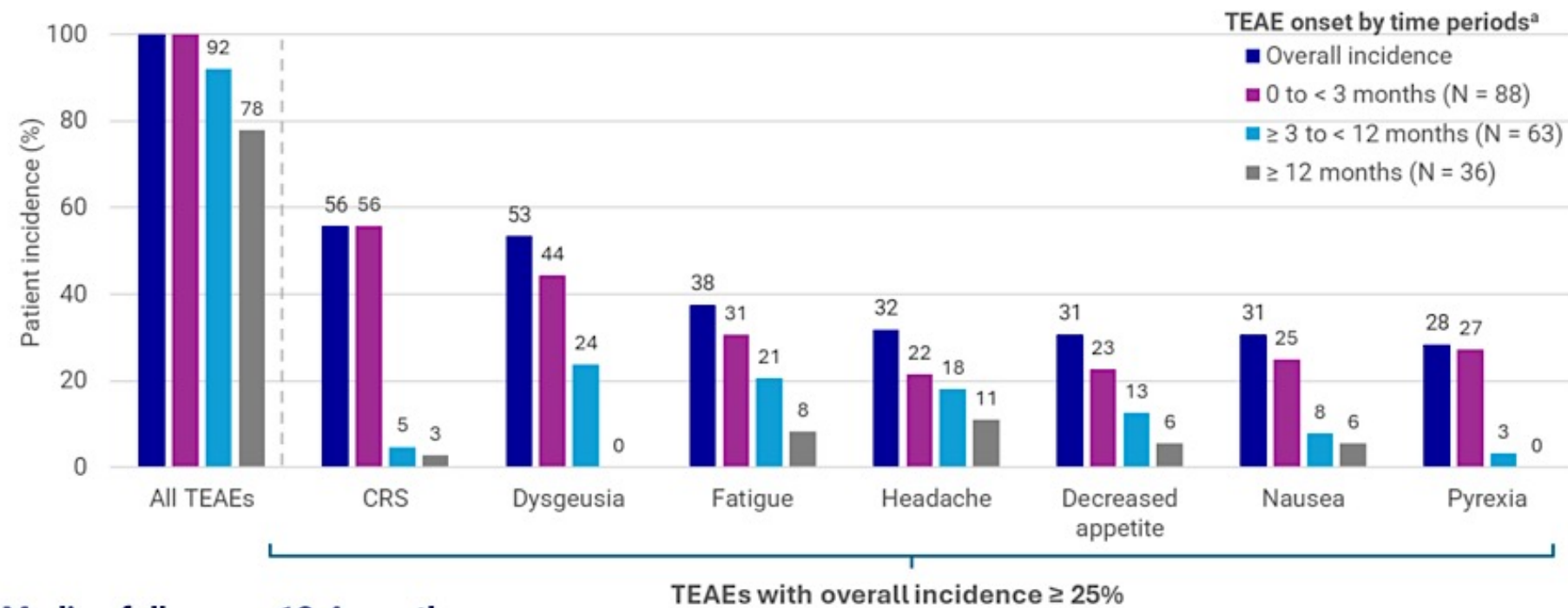
Baseline characteristics of patients receiving 1L maintenance therapy

Characteristics	Tarlatamab + Atezolizumab (n = 48)	Tarlatamab + Durvalumab (n = 40)	Overall Tarlatamab + Anti-PD-L1 (N = 88)
Age, median (range), years	64 (27-79)	64 (37-85)	64 (27-85)
Male, %	67	58	63
Race (Asian/White/Other), %	19/71/10	20/70/10	19/70/10
ECOG PS (0/1), %	38/63	45/55	41/59
Median sum of lesion diameters, mm	29.2	37.0	33.0
Smoking history (never/current/former), %	2/23/75	8/25/68	5/24/72
Disease stage at initial diagnosis (limited/extensive/missing), %	15/81/4	10/90/0	13/85/2
Prior no. of 1L EP cycles, (4/5/6), %	83/10/6	83/3/15	83/7/10
Prior anti-PD-L1, %	88	88	88
Prior radiotherapy, %	25	35	30
Presence of brain ^a /liver metastases, %	19/31	33/43	25/36
Median time from start of 1L chemo-IO to 1LM, months (range)	3.6 (2.9-5.8)	3.5 (2.9-5.4)	3.6 (2.9-5.8)

^aAll patients had received prior treatment for brain metastases.

1L: first-line; 1LM: first-line maintenance; chemo-IO: chemo-immunotherapy; ECOG PS: Eastern Cooperative Oncology Group performance status; EP: etoposide-platinum; PD-L1: programmed death-ligand 1.

Incidence of treatment-emergent adverse events decreased over time, supporting long-term tolerability



- ICANS occurred in 5 (6%) patients, all with early onset (< 3 months)
- All events were grade 1-2 and resolved with supportive care

Median follow-up: 18.4 months

Tarlatamab in combination with anti-PD-L1 had a manageable safety profile.

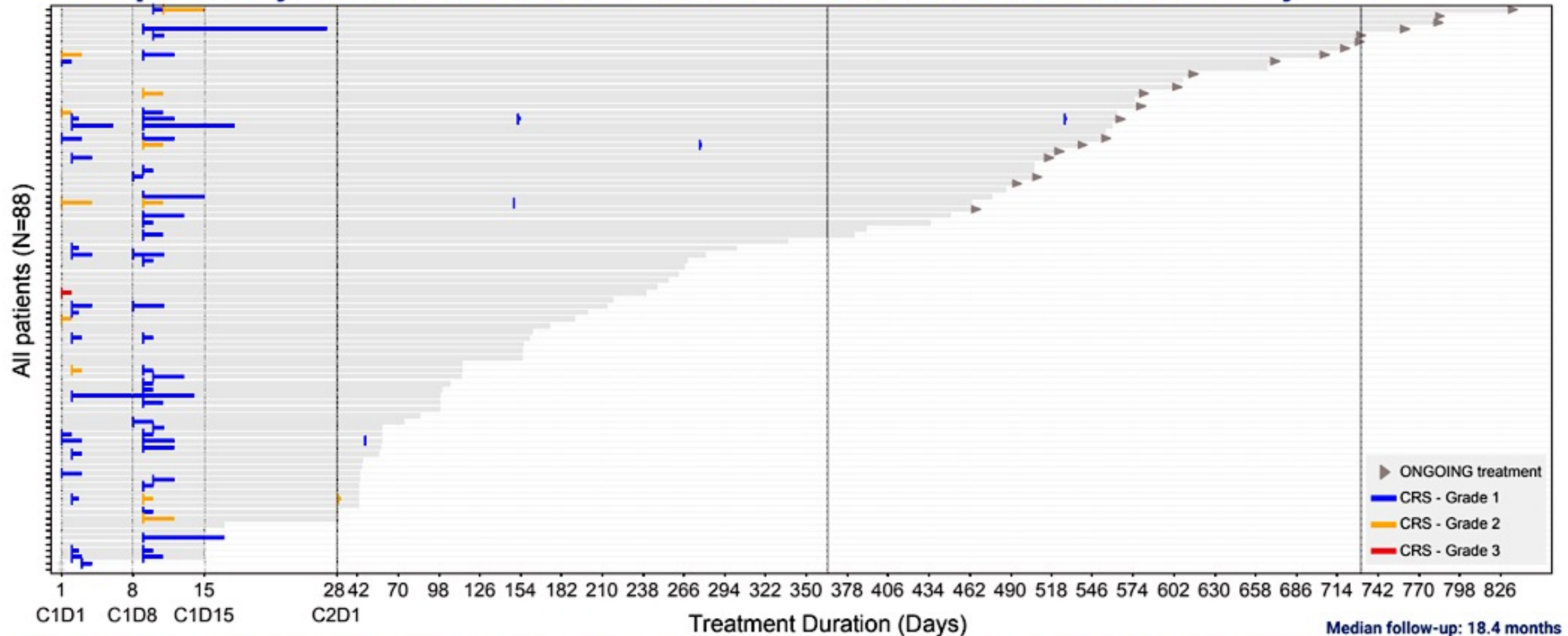
^aThe patient incidence of TEAE onset by time periods (0 to < 3 months, ≥ 3 to < 12 months, ≥ 12 months) was assessed. CRS: cytokine release syndrome; ICANS: immune effector cell-associated neurotoxicity syndrome; TEAE: treatment-emergent adverse event.

Kelly G. Paulson, MD, PhD | Tarlatamab with an anti-PD-L1 as first-line maintenance therapy for ES-SCLC: DeLLphi 303 study

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



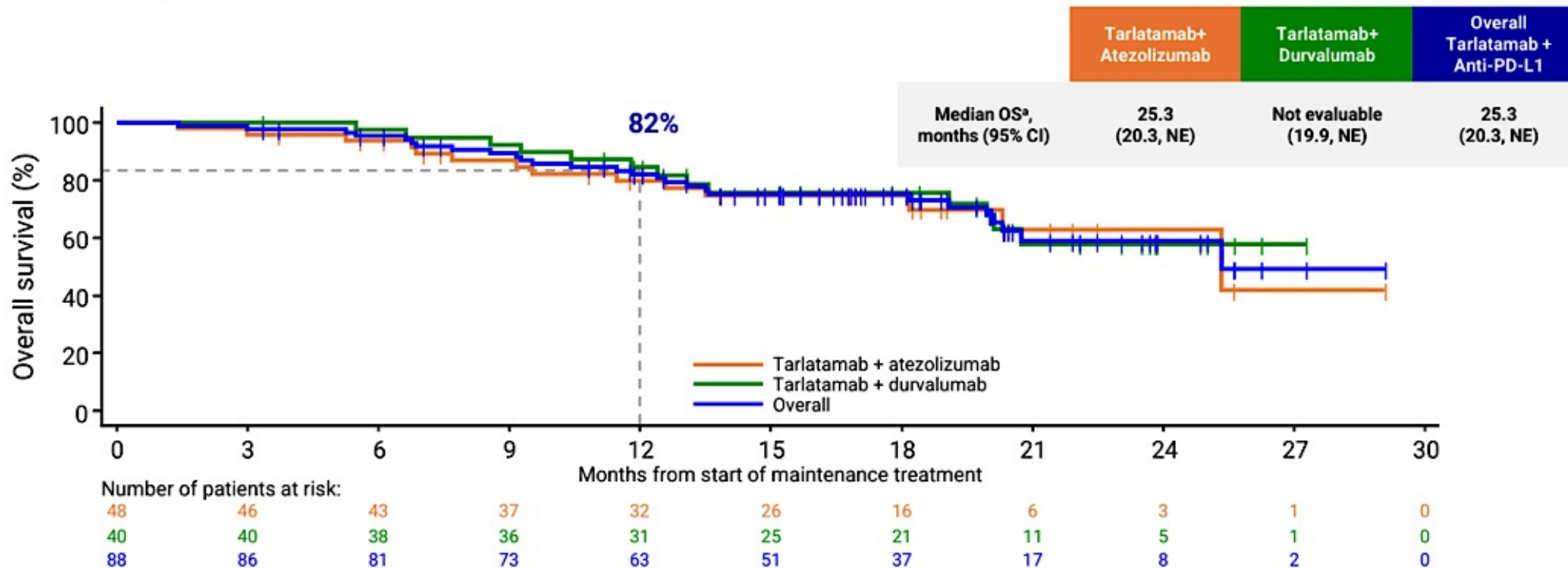
CRS occurred in 49 (56%) of patients, with most events grade 1 (43%) or grade 2 (11%); all CRS events resolved.

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.

Kelly G. Paulson, MD, PhD | Tarlatamab with an anti-PD-L1 as first-line maintenance therapy for ES-SCLC: DeLLphi 303 study

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

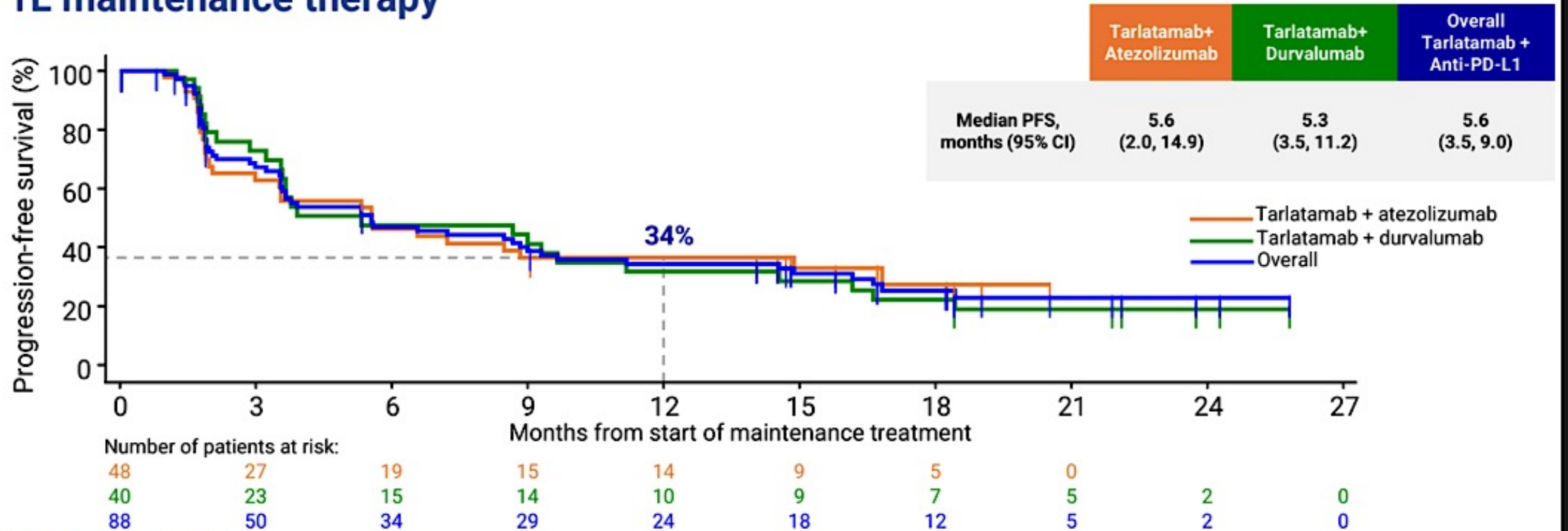


With a median follow-up time of 18.4 months, tarlatamab with anti-PD-L1 as 1L maintenance therapy led to a median OS of 25.3 months (95% CI, 20.3, NE).

^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.



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.

Kelly G. Paulson, MD, PhD | Tarlatamab with an anti-PD-L1 as first-line maintenance therapy for ES-SCLC: DeLLphi 303 study

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Ongoing Phase 3 Trials with Tarlatamab in SCLC

Extensive-Stage SCLC

Phase	1L	Maintenance	Control Arm	Trial
III →	ChemolO	IO maintenance Tarlatamab	ChemolO IO maintenance	DeLLphi-305
III →	ChemolO Tarlatamab	IO maintenance Tarlatamab	ChemolO IO maintenance	DeLLphi-312

<https://clinicaltrials.gov/study/NCT06211036>; <https://clinicaltrials.gov/study/NCT07005128>.

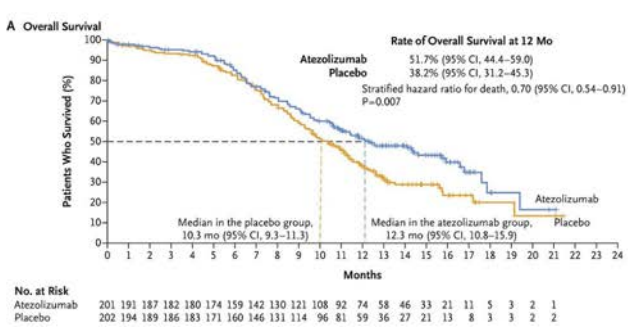


INDIANA UNIVERSITY

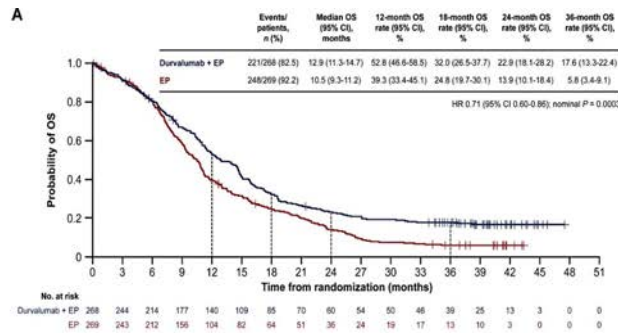
MELVIN AND BREN SIMON COMPREHENSIVE CANCER CENTER

Can NE Subtyping Help Inform Treatments after 1L ChemoIO?

IMpower133

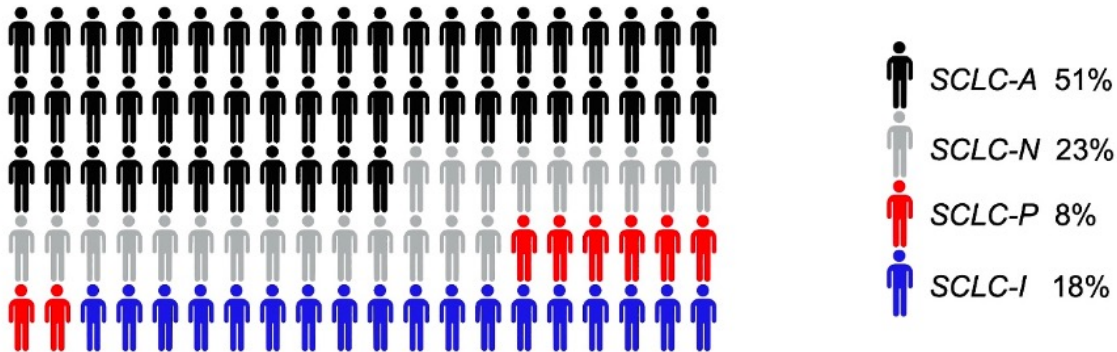


CASPIAN



Horn, et al. *NEJM* 2018; Paz-Ares, et al. *Lancet* 2019/ESMO Open 2022.

Neuroendocrine Subtype Distribution of Treatment-Naïve Extensive-Stage SCLC

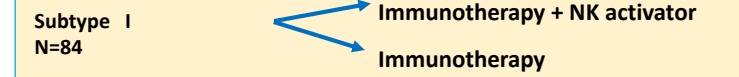
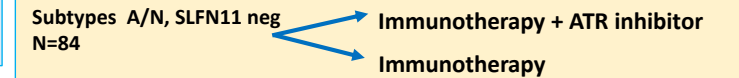


S2409-PRISM: A Multicohort PREcision SCLC Subtype Maintenance Phase II Trial of Immunotherapy Versus Biomarker-Directed Novel Agents in Combination with Immunotherapy in Extensive Stage Small Cell Lung Cancer (ES-SCLC)

Step 1: Tissue screening & Induction (n~900)

Step 2: Randomization (n=312)

- ES-SCLC Screening
- Tissue available for testing
- Asymptomatic or Stable Treated Brain Lesions
- Allows consent after initial cycle for tissue screening



Primary Endpoints: PFS

Secondary Endpoints: OS, Frequency, Severity of Adverse Events



Shields, Chiang, Byers. *Cancer*. 2025.



Questions Remain for ES-SCLC:

- Does the IO backbone for 1L chemolO impact outcomes?

No difference in Phase 3 studies (IMpower133, CASPIAN), RWD is mixed/unclear.

- Maintenance strategies with similar PFS benefit (possible differential OS benefit)?

Lurbinectedin (Phase 3) vs. tarlatamab (Phase 1b; Phase 3 DeLLphi-305, in progress).

- Management of brain metastases?

Avoid lurbinectedin, choose agents with intracranial activity & limit XRT to SRS.

- Can knowledge of NE subtypes personalize maintenance strategies?

SWOG S2409 PRISM will address.



Second Opinion



Ticiana Leal, MD



Neil Love, MD

Discussion Questions

How are you incorporating the strategy evaluated in the IMforte trial into your day-to-day practice? Do you discuss this approach with all patients at the diagnosis of ES-SCLC, or do you wait until the completion of induction therapy to gauge response, tolerability, etc?

Are there circumstances in which you prefer atezolizumab/carboplatin/etoposide over durvalumab/platinum/etoposide or vice versa for your patients with newly diagnosed ES-SCLC? Would you be comfortable combining lurbinectedin with durvalumab in the maintenance setting for a patient with ES-SCLC who received induction therapy with durvalumab/platinum/etoposide?

Discussion Questions (Continued)

What has been your experience with the tolerability of lurbinectedin in the up-front maintenance setting? How frequently have you had to employ dose holds or dose modifications? What is your approach to the use of prophylactic G-CSF? Has this generally been effective for maintaining patients on therapy?

Second Opinion



Charu Aggarwal, MD



Neil Love, MD

Discussion Questions

How would you proceed in the case of Dr Aggarwal's patient? Do you recommend lurbinectedin maintenance to your patients with ES-SCLC and brain metastases given that they were excluded from the IMforte trial?

How would you approach the initiation of lurbinectedin maintenance for a patient with disease-related complications that render them too unwell to start at the beginning of the maintenance phase? Would you consider adding it later?

Do you recommend consolidation radiation therapy after first-line chemoimmunotherapy for any of your patients with ES-SCLC? If so, which ones, and how do you sequence the immunotherapy and the radiation therapy?

Agenda

Module 1: Optimizing First-Line and Maintenance Therapy for Extensive-Stage Small Cell Lung Cancer (SCLC) — Dr Shields

Module 2: Management of Relapsed/Refractory SCLC — Dr Paz-Ares

Module 3: Ongoing Investigation and Potential Role of Antibody-Drug Conjugates in SCLC — Dr Chiang

Module 4: Management of Limited-Stage SCLC — Dr Ganti



Small Cell Lung Cancer: Management of Relapsed/Refractory (R/R) disease

Luis Paz-Ares

CCC & Hospital Universitario 12 de Octubre

Agenda

➤ Lurbinectedin

- **Monotherapy and combos**

➤ TCEs

- **Tarlatamab**
- **Others**

Agenda

➤ Lurbinectedin

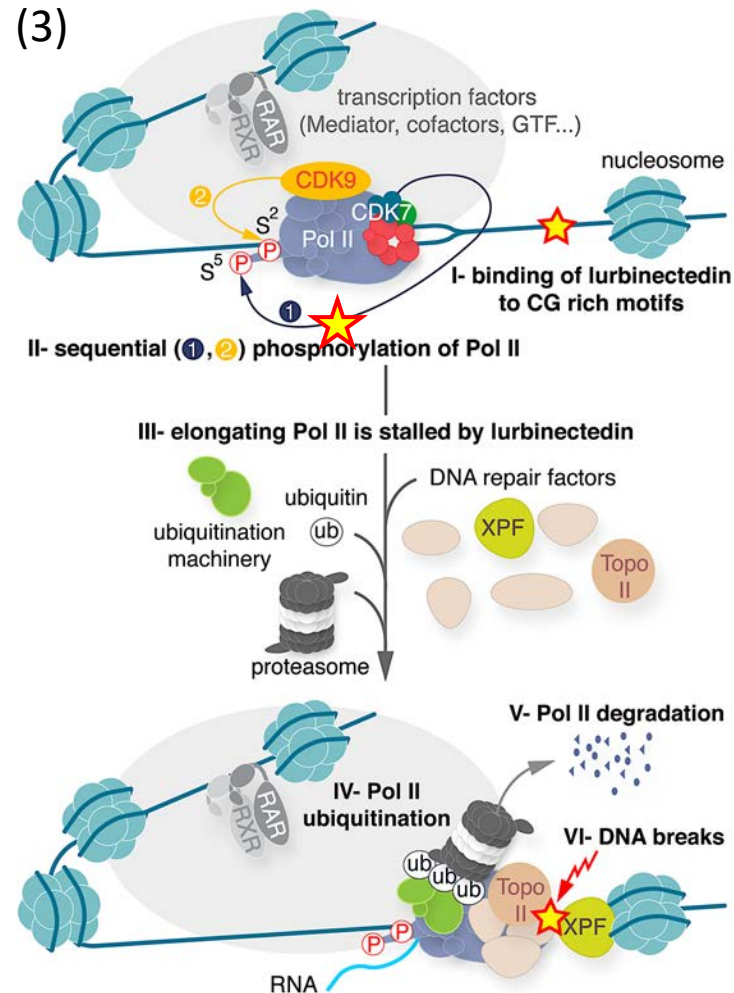
- **Monotherapy and combos**

➤ TCEs

- **Tarlatamab**
- **Others**

Lurbinectedin

- FDA grants accelerated approval to lurbinectedin for SCLC based on efficacy shown in multicohort clinical trial (PM1183-B-005-14, NCT02454972)⁽¹⁾
- Second-line treatment option for metastatic and recurrent SCLC⁽²⁾.



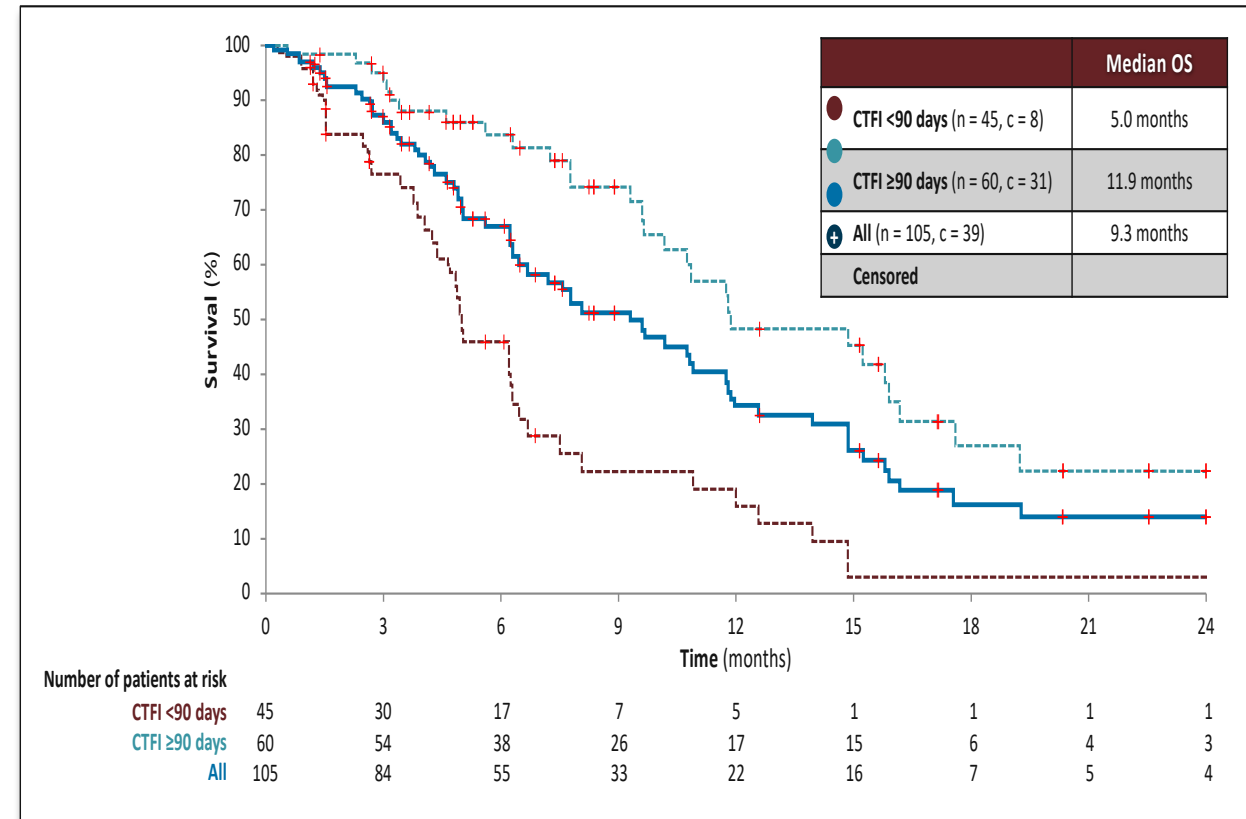
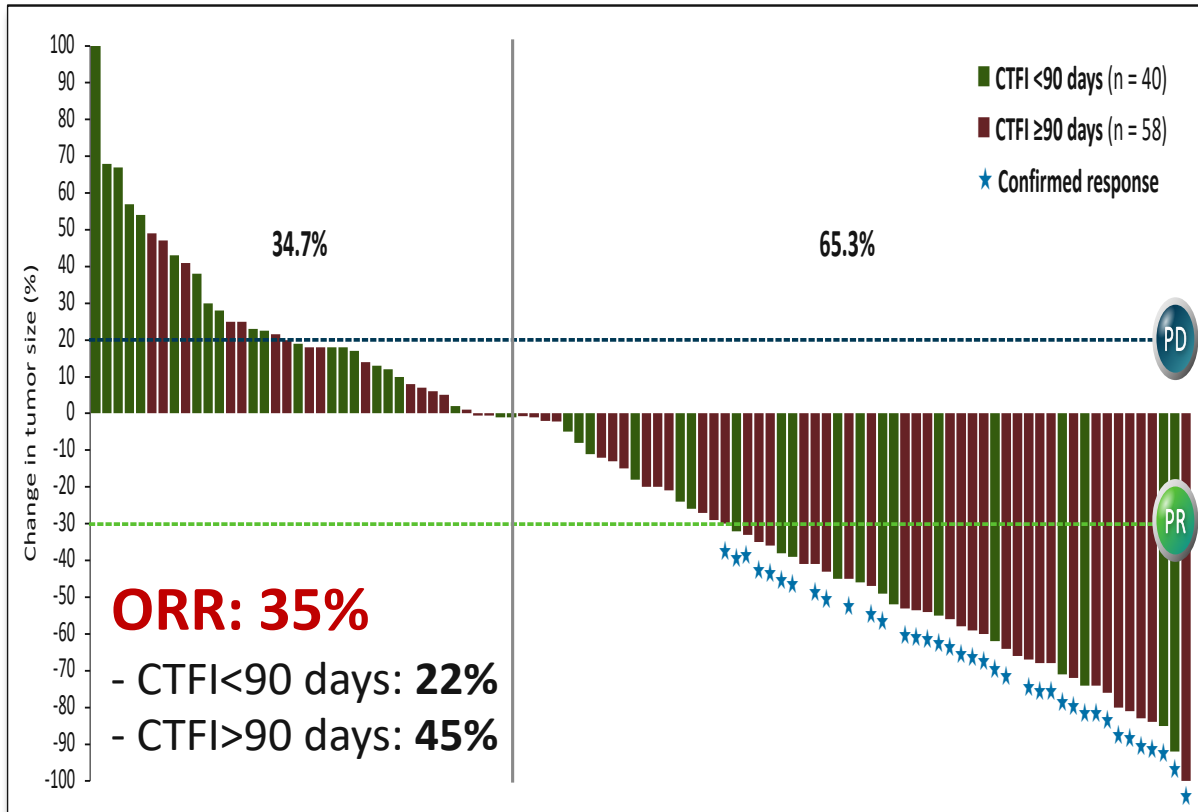
Mechanism of action⁽³⁾

- Lurbinectedin binds to DNA at CG-rich regions near promoters of protein-coding genes.
- Lurbinectedin stalls RNA Pol II and promotes phosphorylation of RNA Pol II.
- Phosphorylated RNA Pol II is target of ubiquitin-proteasome degradation at site of transcription → **Transcription Inhibition** → **Tumour growth arrest.**
- Macro-complex of RNA Pol II/Proteasome Degradation Machinery promotes double stranded DNA breaks → **DNA Damage Repair Overstressed** → **Apoptosis.**

(1) Singh et al., 2021, *Clinical Cancer Research*. (2) Patel et al., 2021, *Therapeutic Advances in Medical Oncology*.

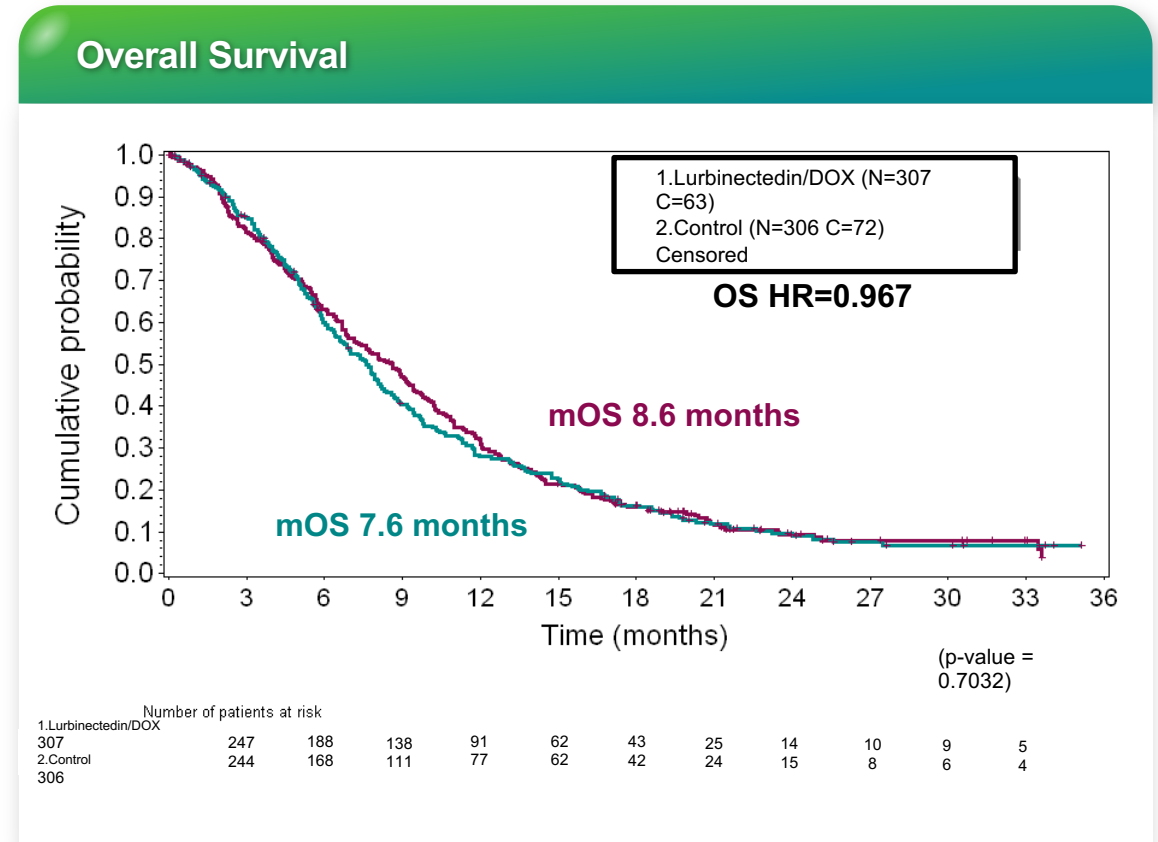
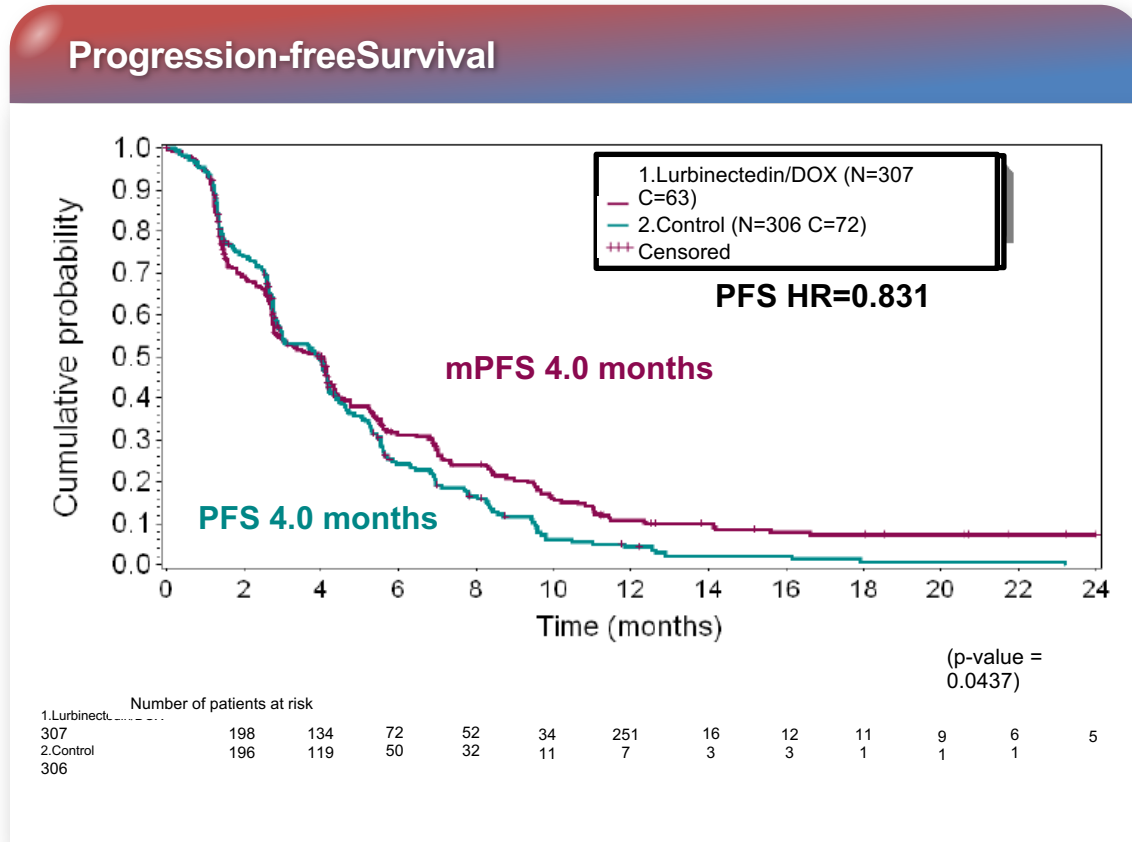
(3) Santamaría Nuñez et al., 2016, *Molecular cancer therapeutics*.

Lurbinectedin basket trial – SCLC Cohort (Pretreated)

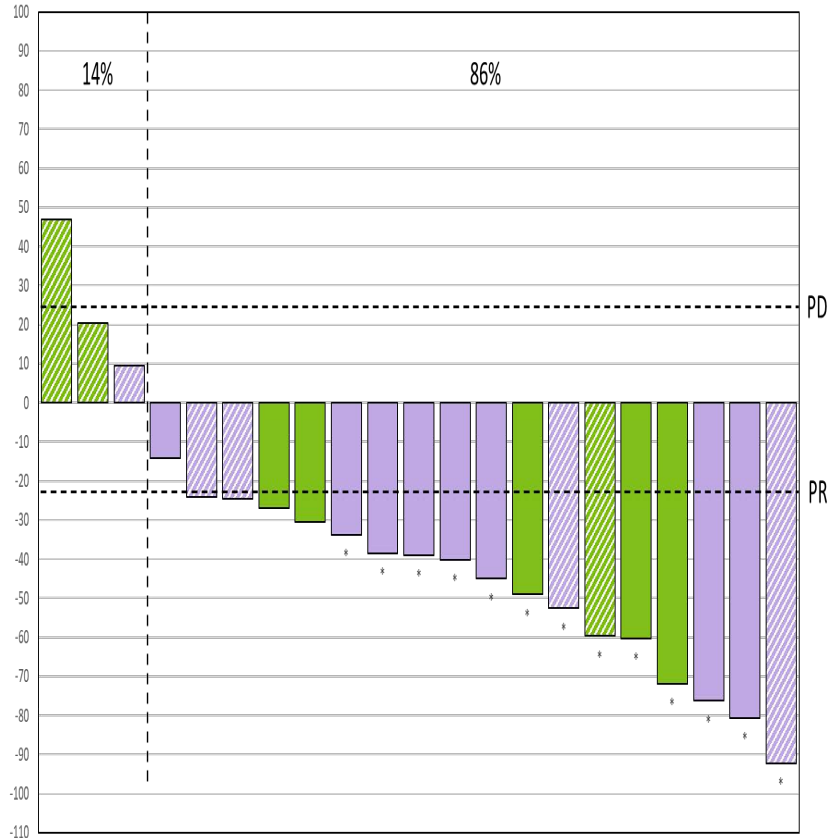


Atlantis Trial: Lurbinectedin plus Doxorubicin

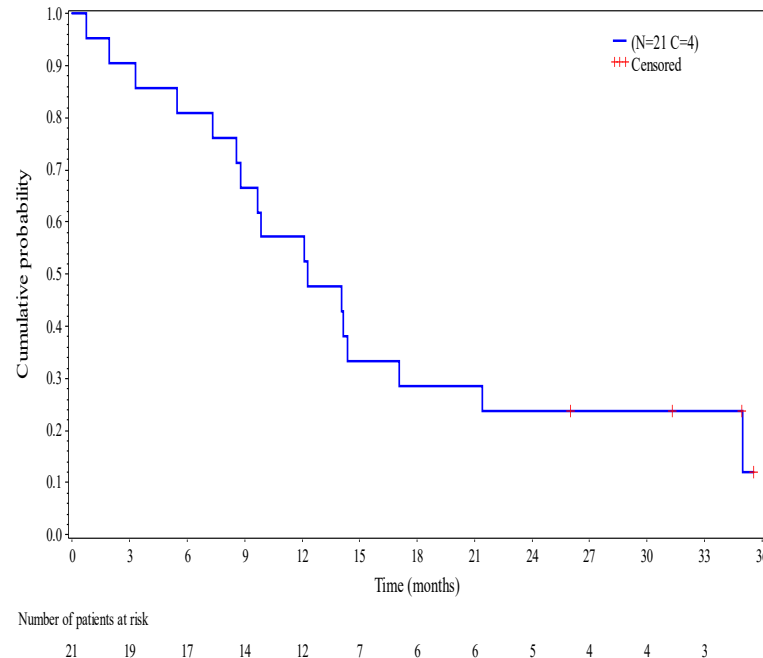
No impact in OS or PFS



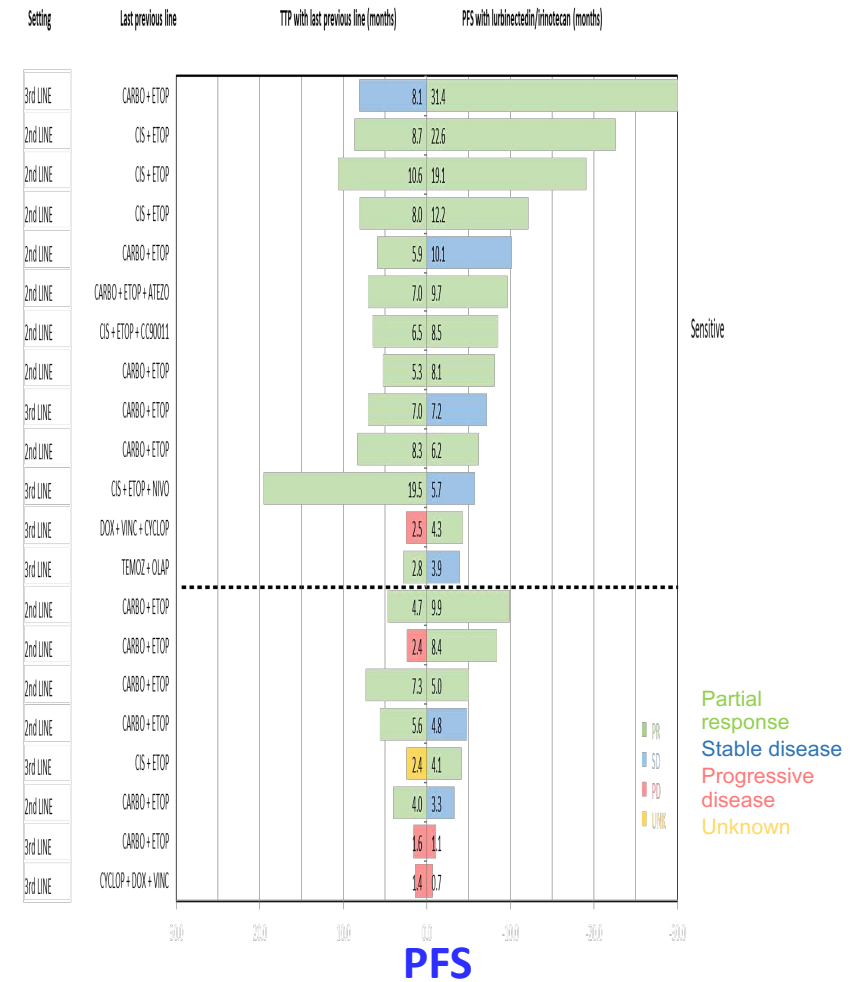
Lurbinectedin plus Irinotecan Phase I-II trial



N = 21
ORR 61,9%



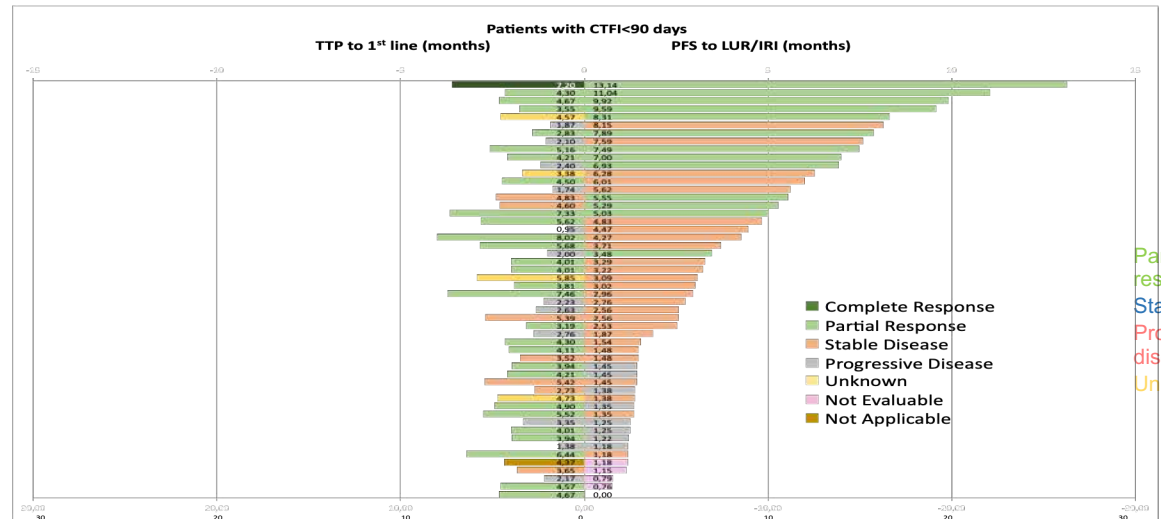
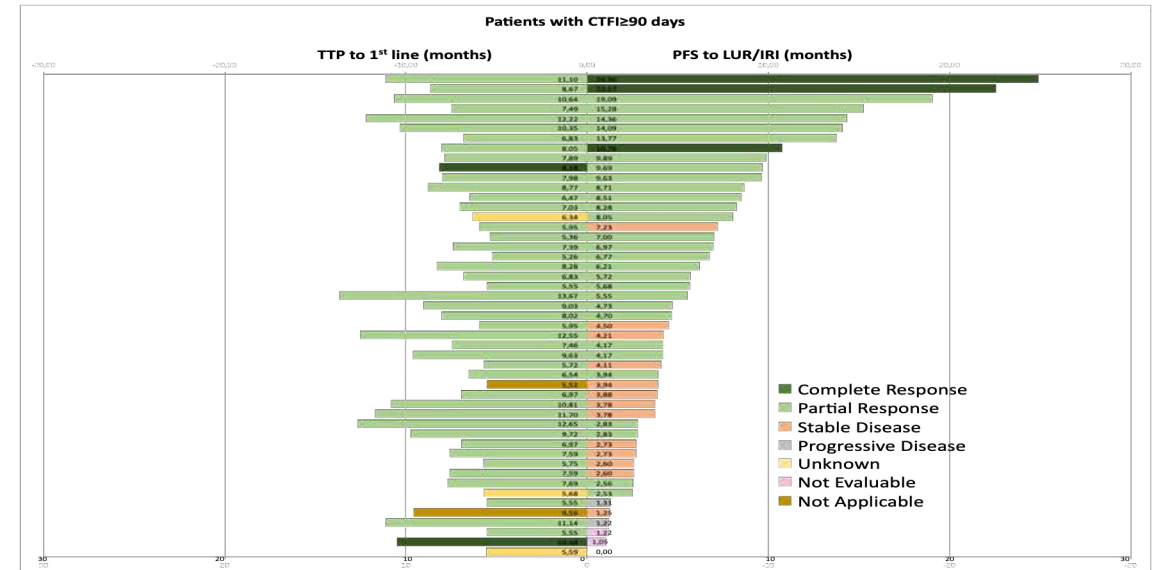
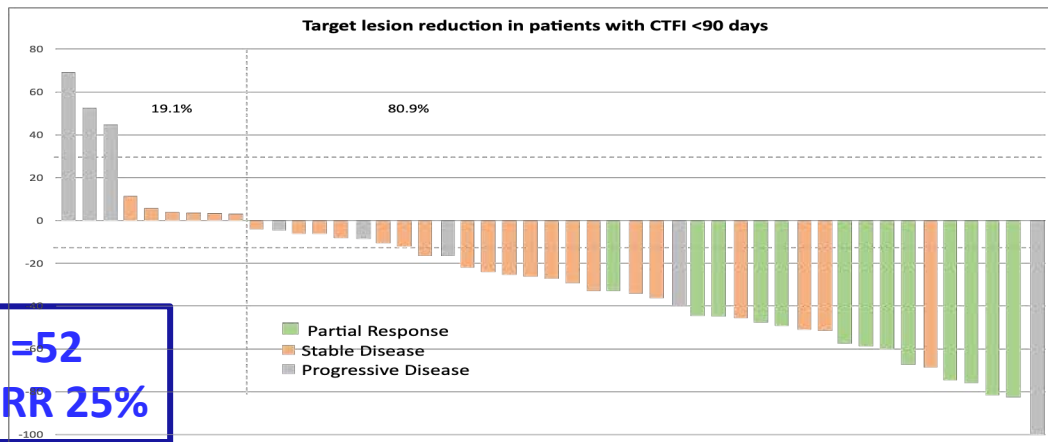
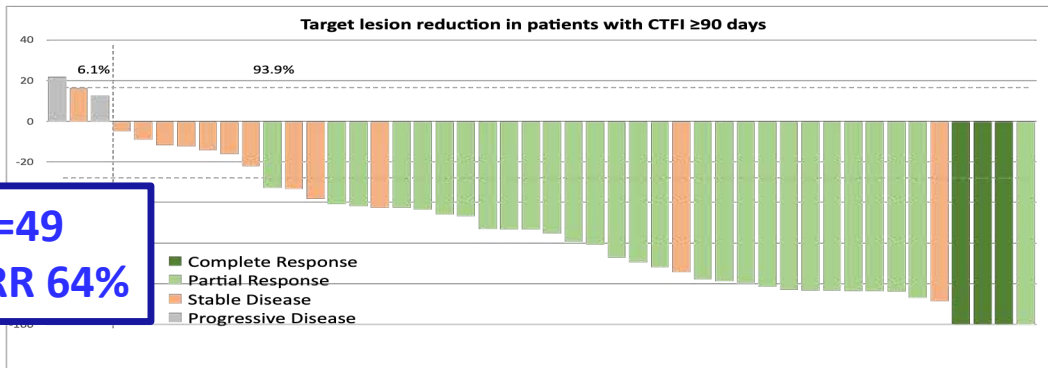
Median OS
12,3 months



Lurbinectedin plus Irinotecan Phase II trial

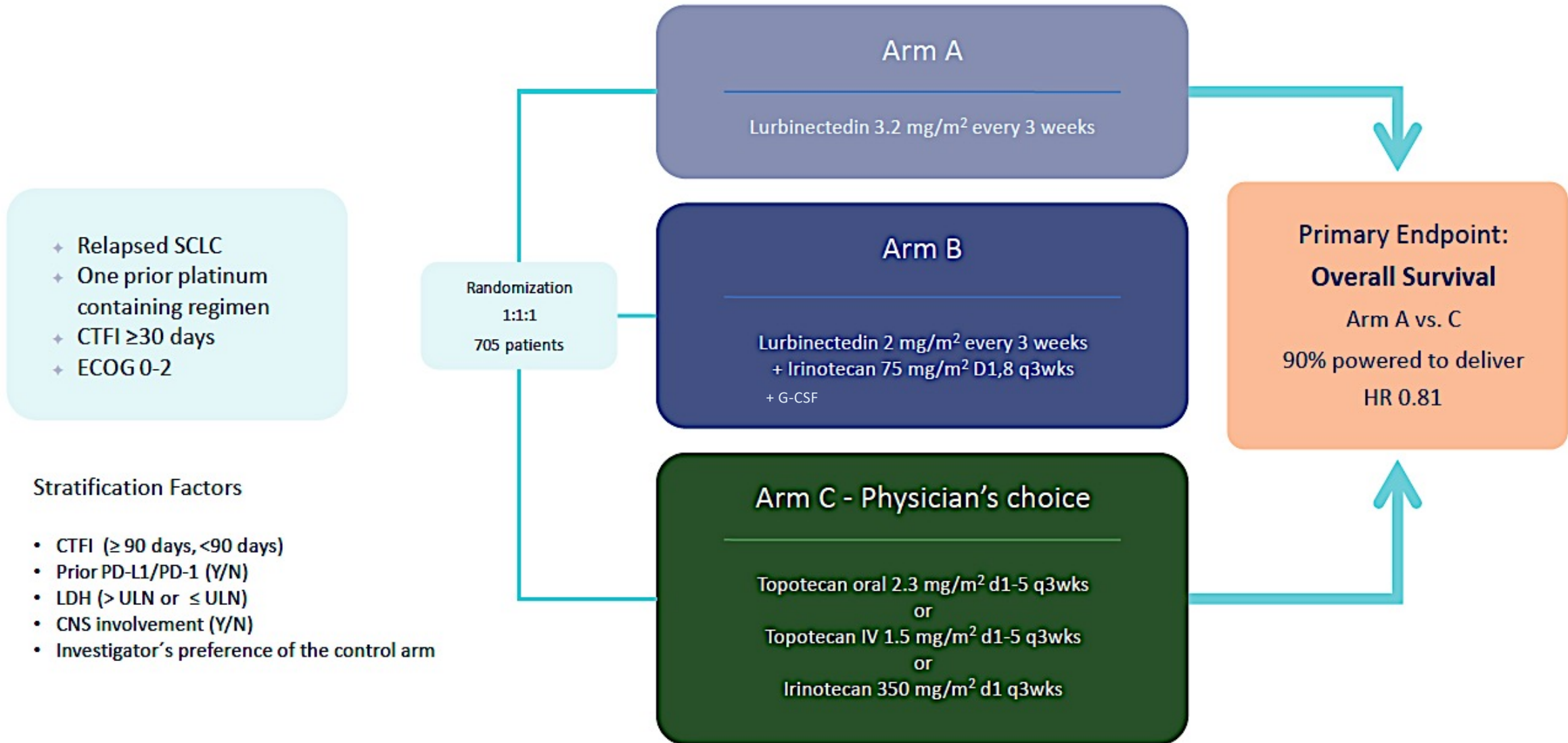
	All pts (n=101)	CTFI<90 d (n=52)	CTFI≥90 d (n=49)	CTFI>30 d (n=74)
ORR by IRC, % (95% CI)	43.6 (33.7-53.8)	25.0 (14.0-38.9)	63.3 (48.3-76.6)	52.7 (40.7-64.4)
DoR by IRC (mo), median (95% CI)	7.1 (4.6-9.4)	6.9 (3.9-7.6)	8.2 (4.4-12.4)	7.6 (4.6-9.7)
PFS by IRC (mo), median (95% CI)	4.7 (3.8-5.7)	3.3 (2.6-5.0)	5.7 (4.2-8.3)	5.0 (4.1-7.2)
OS (mo), median (95% CI)	9.6 (7.8-13.4)	7.5 (3.5-8.8)	14.0 (10.1-21.4)	12.7 (9.1-14.1)
OS rate at 12 mo, % (95% CI)	43.4 (33.4-53.4)	25.3 (13.2-37.5)	63.1 (49.1-77.2)	52.0 (40.3-63.8)

CI, confidence interval; CTFI, chemotherapy-free interval; d, days; DoR, duration of response; mo, months; ORR, overall response rate; OS, overall survival; PFS, progression free survival.



Partial response
Stable disease
Progressive disease
Unknown

Lagoon trial design



- ✦ Relapsed SCLC
- ✦ One prior platinum containing regimen
- ✦ CTFI ≥30 days
- ✦ ECOG 0-2

Stratification Factors

- CTFI (≥ 90 days, <90 days)
- Prior PD-L1/PD-1 (Y/N)
- LDH (> ULN or ≤ ULN)
- CNS involvement (Y/N)
- Investigator's preference of the control arm

2SMALL Trial (Lurbe + Atezo)

Phase II

2SMALL
(NCT02454972)

Lurbinectedin as second-
line treatment in SCLC
(NCT02454972)

Best response	N (%)	
Complete Response	3 (12.5)	0 (0.0)
Partial Response	13 (54.17)	38 (36.2)
Stable Disease	5 (20.83)	34 (32.4)
Progression Disease	3 (12.5)	28 (26.7)
Total	24 (100)	105 (100)

Overall

N (%) [95% CI]

Response Rate

ORR	16 (66.67%)	38 (36.2%)
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Progression Free Survival

Median Months (95% CI)

PFS	4.7 (3.37 - 7.4)	3.7 (2.6 to 4.3)
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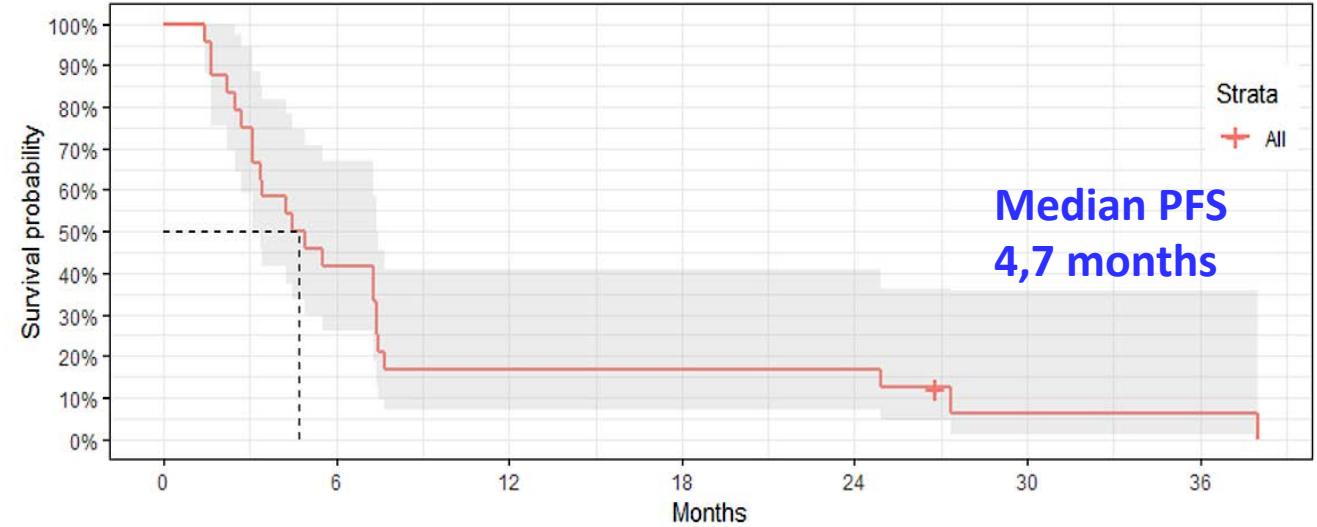
Overall Survival

Median Months (95% CI)

OS	14.5 (9.5 - 23.4)	8.1 (6.5 to 10.9)
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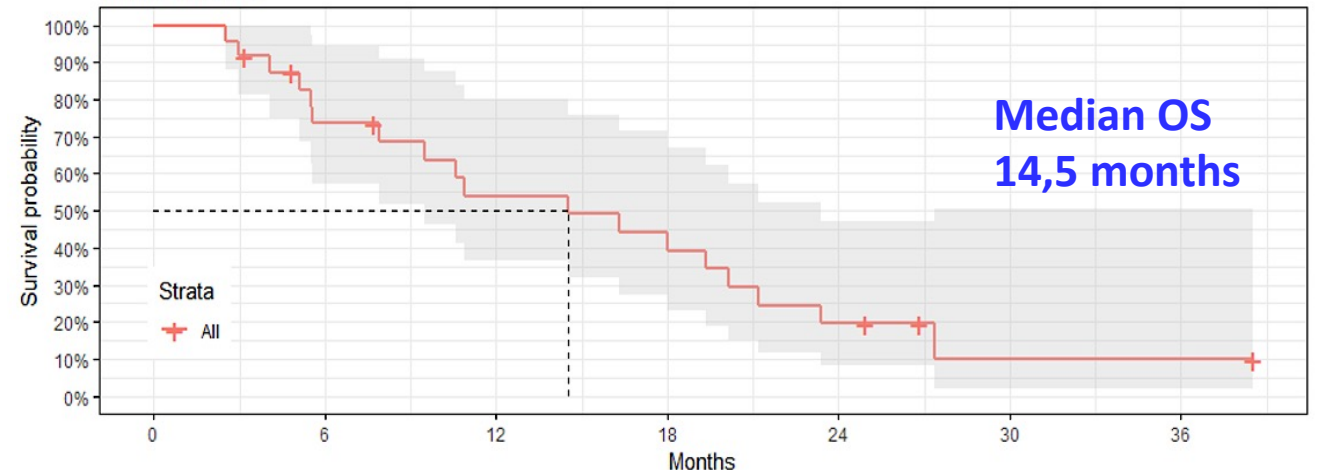
Progression Free Survival

Months until PD or death



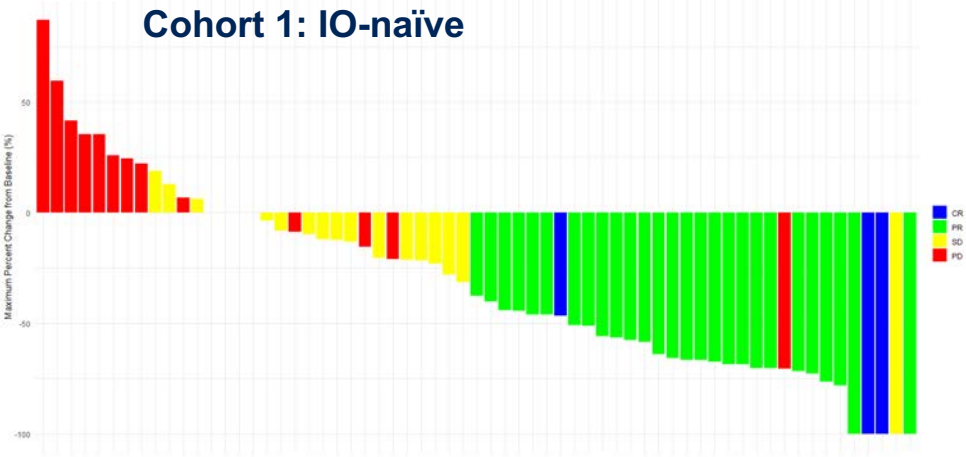
Overall survival

Months until death

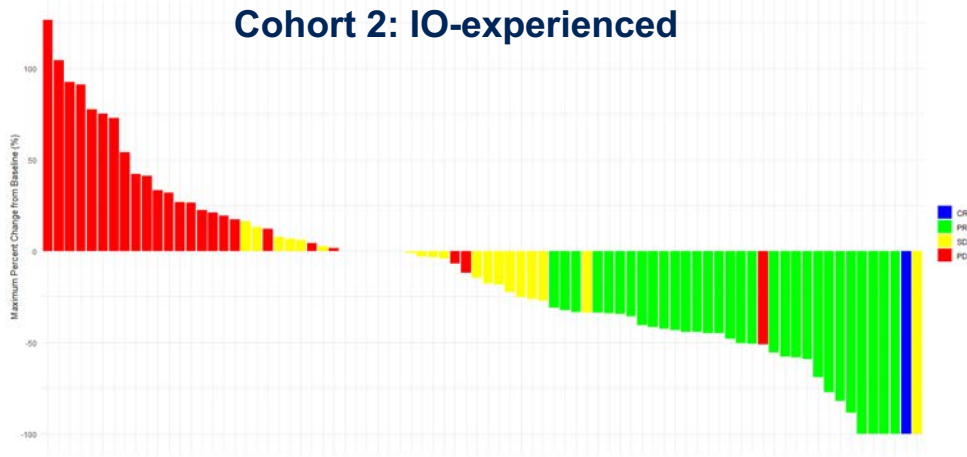


2SMALL Phase II Trial - Response

	Cohort 1 IO-naïve (n=68)	Cohort 2 IO-experienced (n= 83)	TOTAL n=151	Platinum - sensitive CTFI ≥90 days (n=92)	Platinum - resistant CTFI 30 to <90 days (n=59)
ORR n, % (95% CI)	30, 44.1% (32.3 - 56.6 %)	31, 37.3% (27.2 - 48.7%)	61, 40.4% (32.6 - 48.7%)	40, 43.5% (33.3 - 54.2%)	21, 35.6% (23.9% - 49.2%)
DoR, mo (95% CI) Median	5.6 (3.9 - 7.5)	3.97 (3 - 4.4)	4.1 (3.3 - 5.6)	4.4 (3.3 - 7.0)	4.07 (2.9 - 6.0)
DCR (CR+PR+SD)	51 (75%)	56 (67.5%)	107 (70.9%)	66 (71.7%)	41 (69.5%)



Santiago Ponce Aix MD



S Ponce et al. ASCO 2025

Agenda

➤ Lurbinectedin

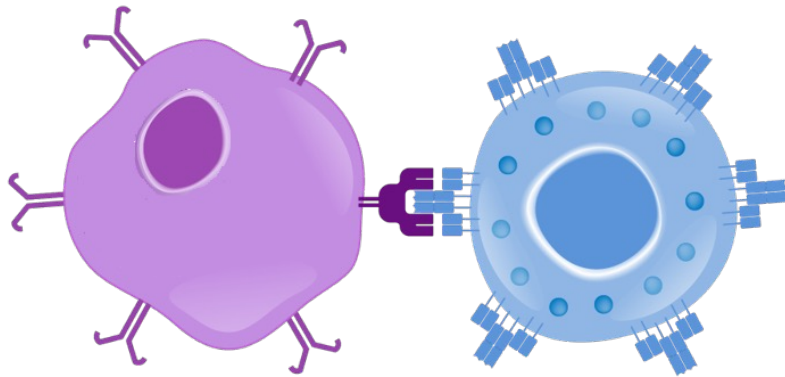
- Monotherapy and combos

➤ TCEs

- **Tarlatamab**
- **Others**

SCLC – Antigen presentation

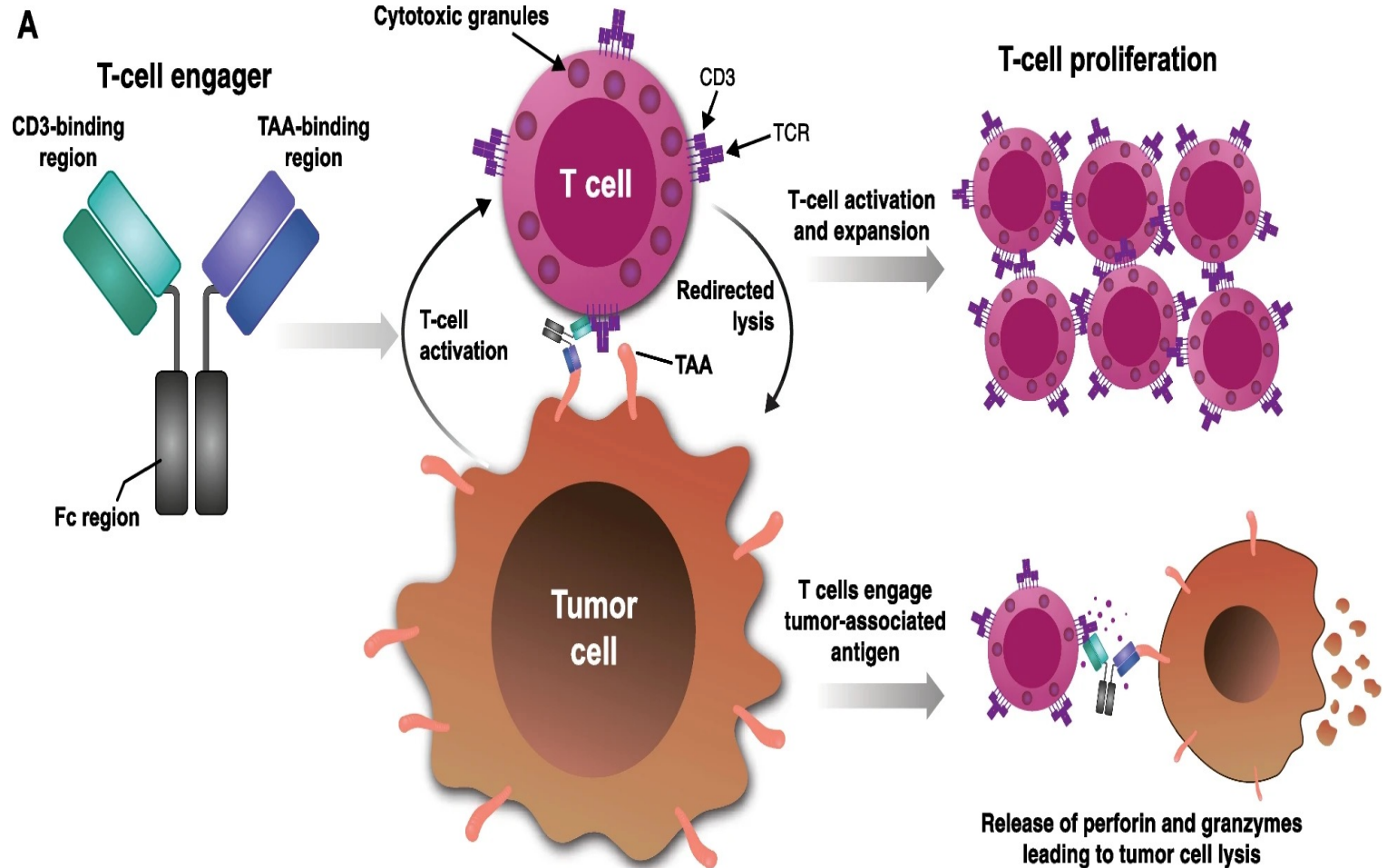
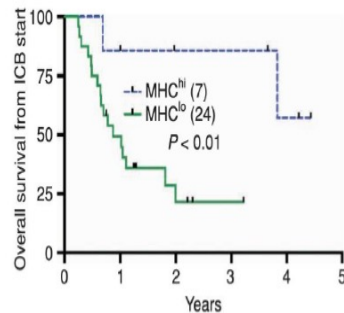
Normal Immune Recognition



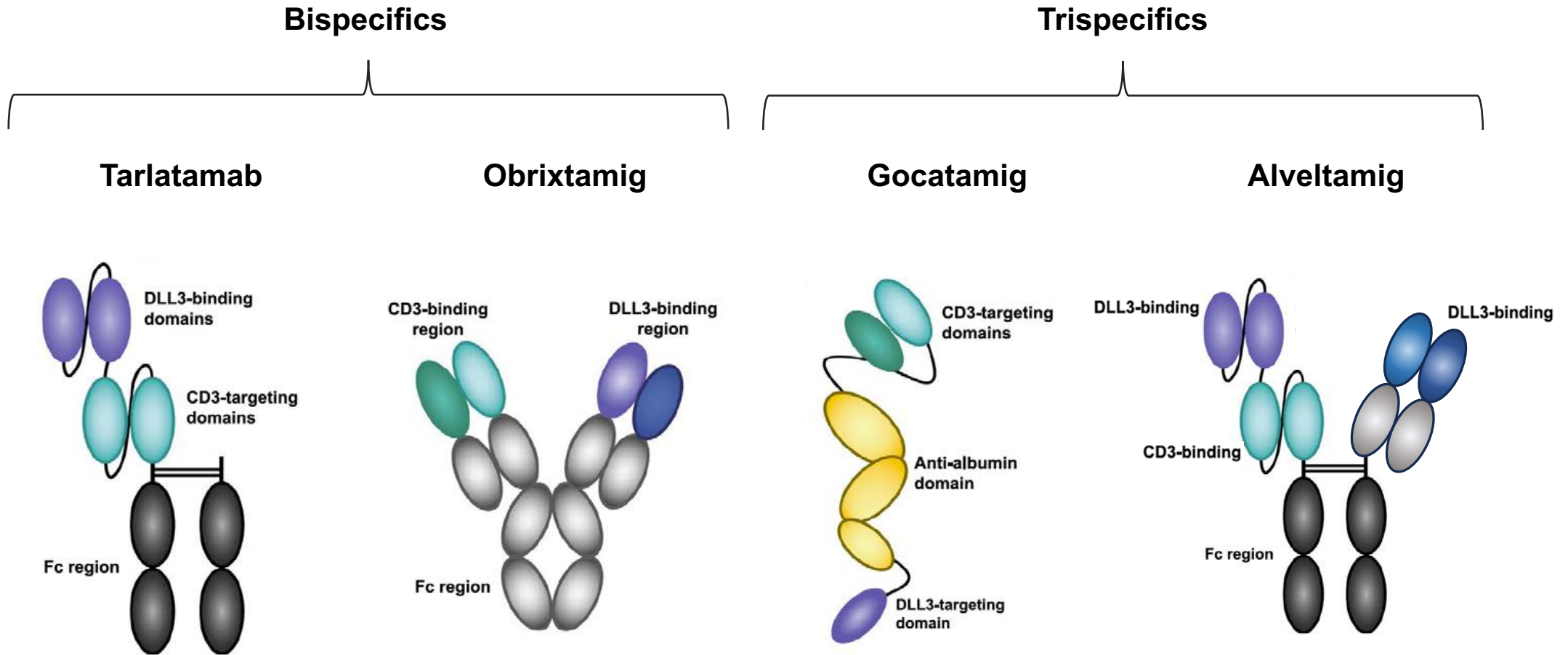
Antigen presentation by MHC and recognition by TCR

Relevance of MHC-I downregulation on IO Resistance

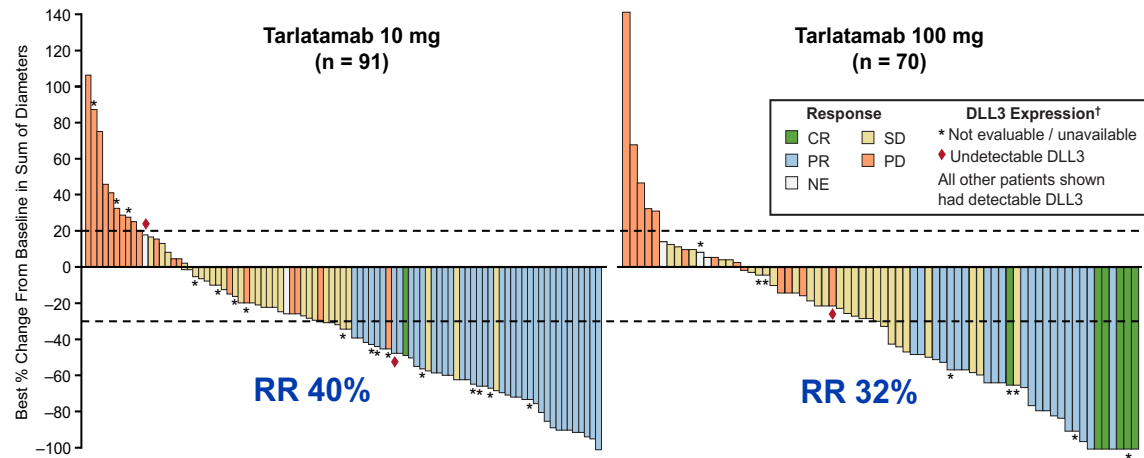
SCLC patients treated with immune checkpoint blockade



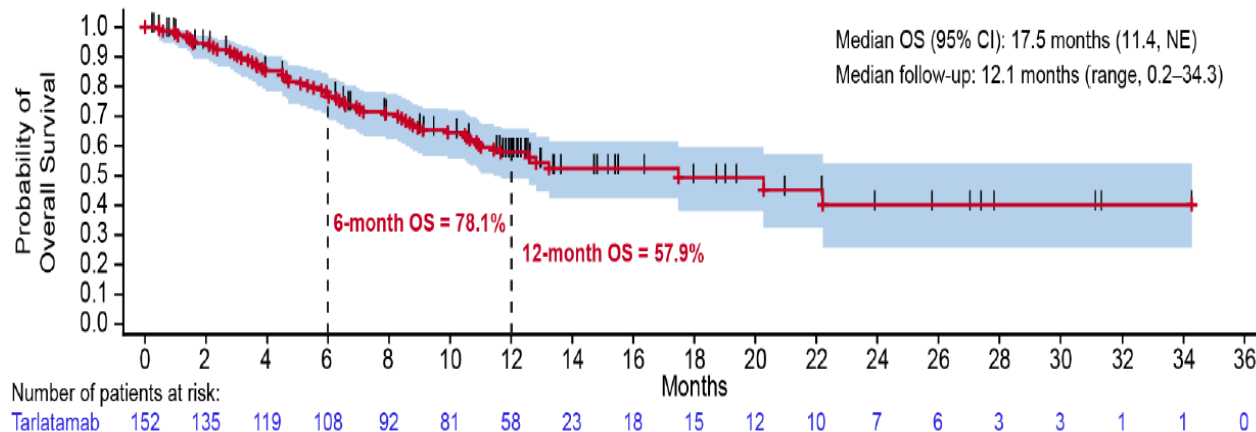
T-cell engagers: many BiTEs, similar flavors



Tarlatamab- Dellphi 300 & 301 Trials in pretreated patients



Responses were observed regardless of DLL3 expression, as well as in patients without evaluable tumor tissue



Most Common TEAEs in ≥ 20% of Patients, n (%)	Part 1 + 2 Tarlatamab 10 mg (n = 99)	Part 1 Tarlatamab 100 mg (n = 87)	Part 3 Tarlatamab 10 mg (n = 34)
CRS	49 (49)	53 (61)	19 (56)
Grade 1-2	49 (49)	48 (55)	18 (53)
≥ Grade 3	0	5 (6)	1 (3)
Decreased appetite	25 (25)	38 (44)	13 (38)
Pyrexia	38 (38)	29 (33)	8 (24)
Constipation	28 (28)	22 (25)	8 (24)
Anemia	26 (26)	22 (25)	9 (26)
Asthenia	20 (20)	21 (24)	10 (29)
Dysgeusia	24 (24)	12 (14)	14 (41)
Fatigue	21 (21)	17 (20)	9 (26)

Tarlatamab - Brain Metastases

Baseline brain metastases:	Tarlatamab 10 mg Q2W* (n = 100) [†]	
	Yes (n = 23)	No (n = 77)
ORR, % (95% CI)	52 (30.6–73.2)	38 (26.9–49.4)
Median DOR, months (range)	NE (2.7–12.2+)	NE (2.4–12.4+)
DOR probability at 12 months, KM estimate, % (95% CI)	55 (22.2–78.5)	50 (29.2–67.7)
Median PFS, months (95% CI)	6.7 (2.8–NE)	4.0 (2.8–5.6)
Median OS [‡] , months (95% CI)	14.3 (14.3–NE)	NE (9.3–NE)

Tarlatamab demonstrated durable response with promising survival regardless of the presence of treated, stable brain metastases at baseline

DeLLphi 304 trial

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

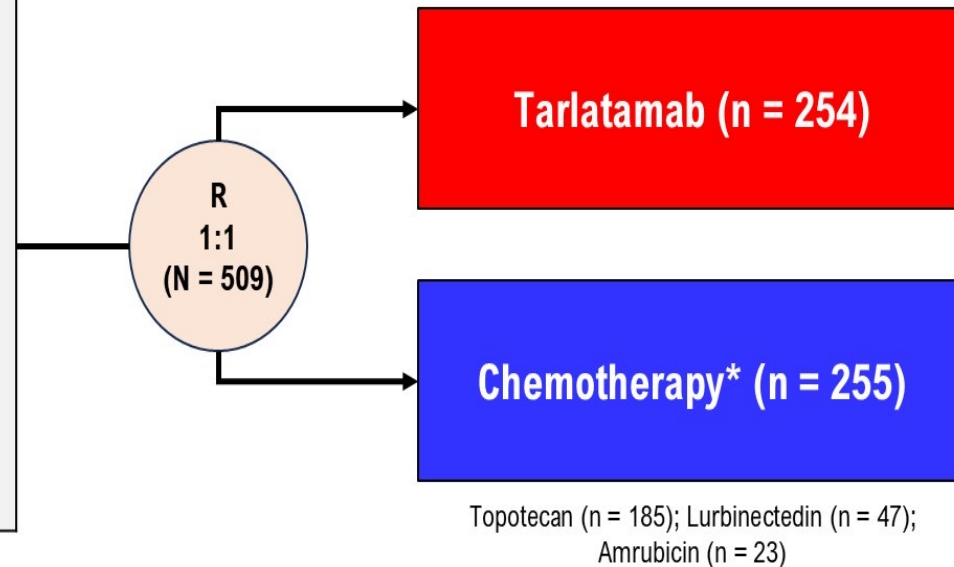


Key inclusion criteria

- 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)



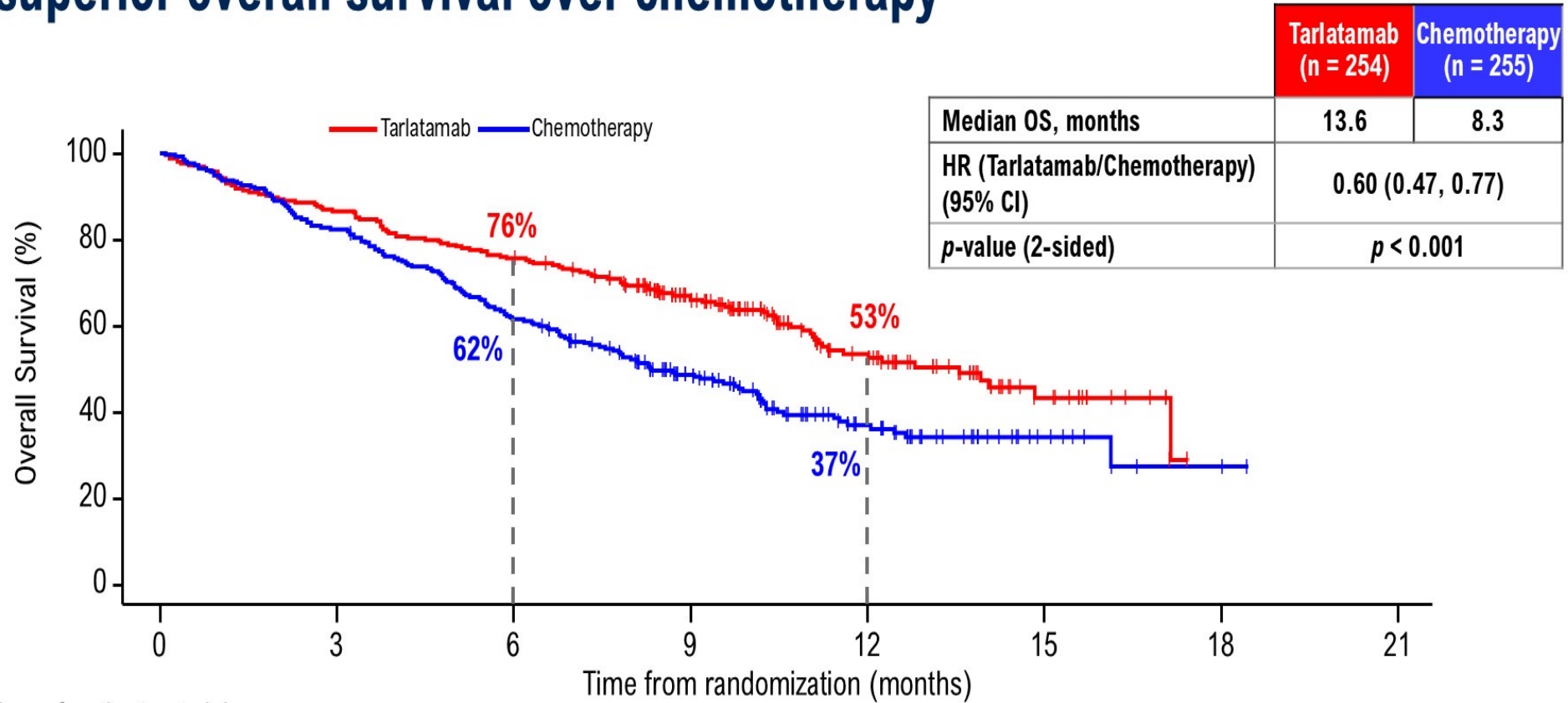
Primary Endpoint: Overall survival

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

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

DeLLphi 304 trial

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

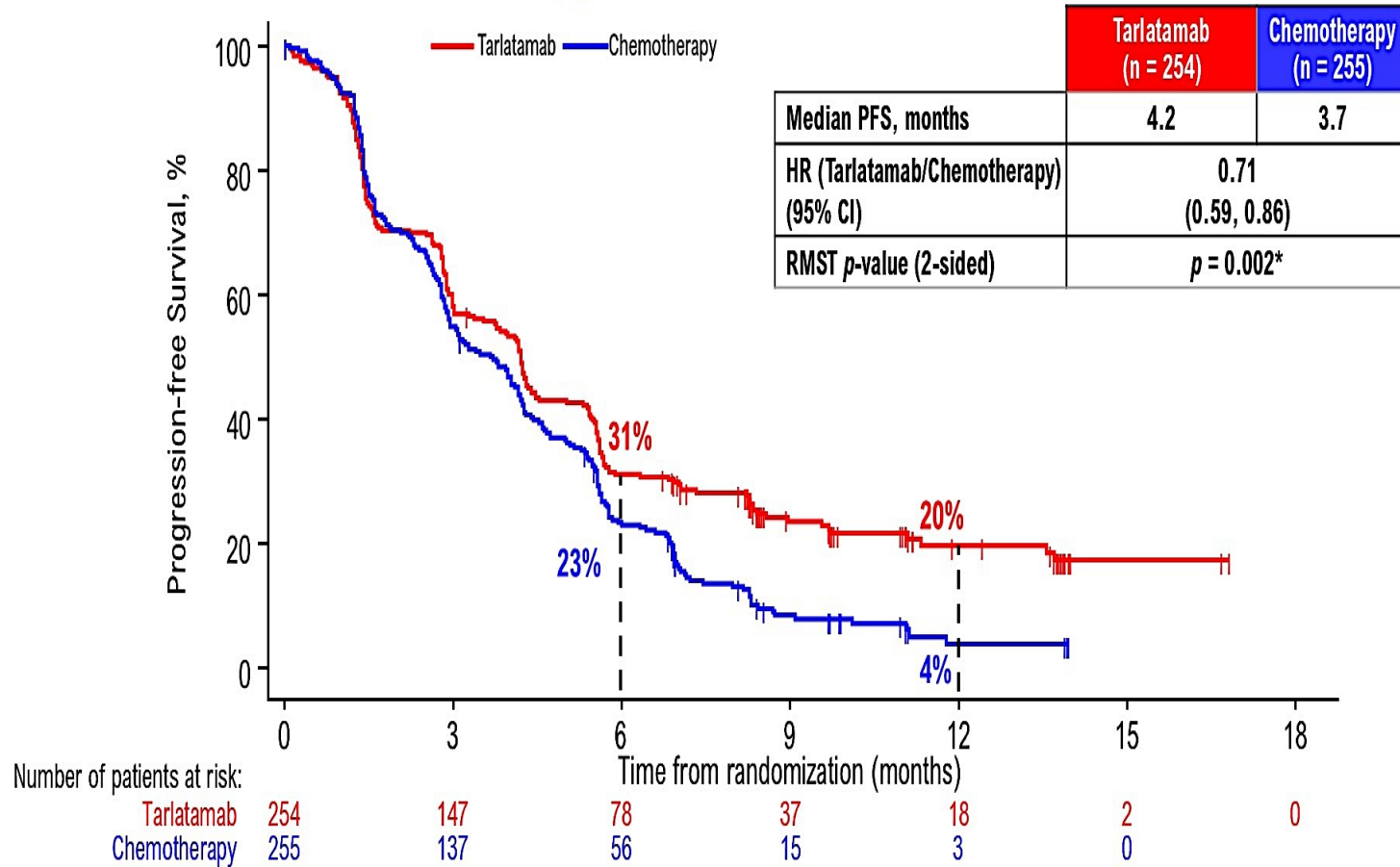


Number of patients at risk:

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

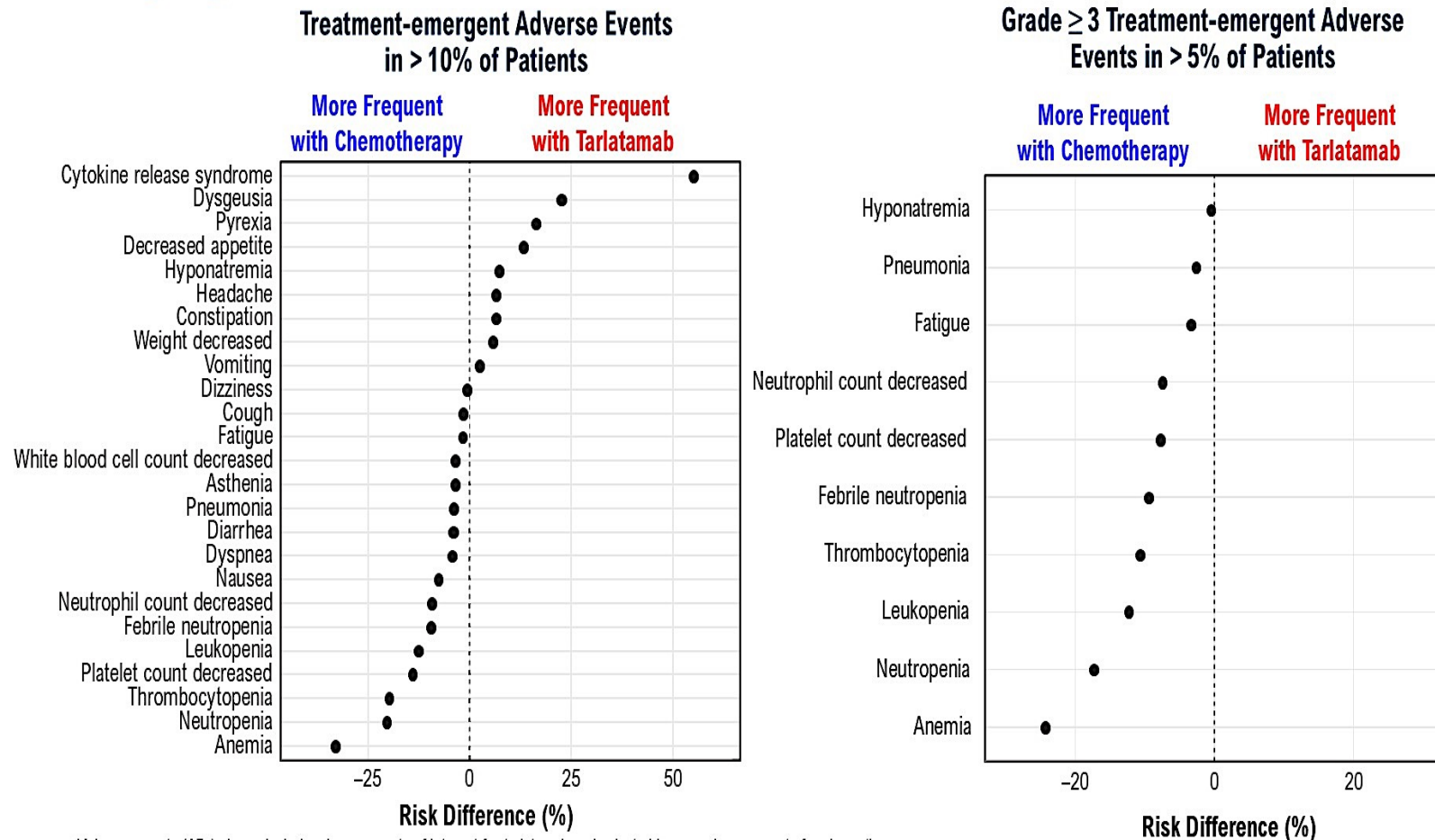
DeLLphi 304 trial

Progression-free survival was significantly longer with tarlatamab vs chemotherapy



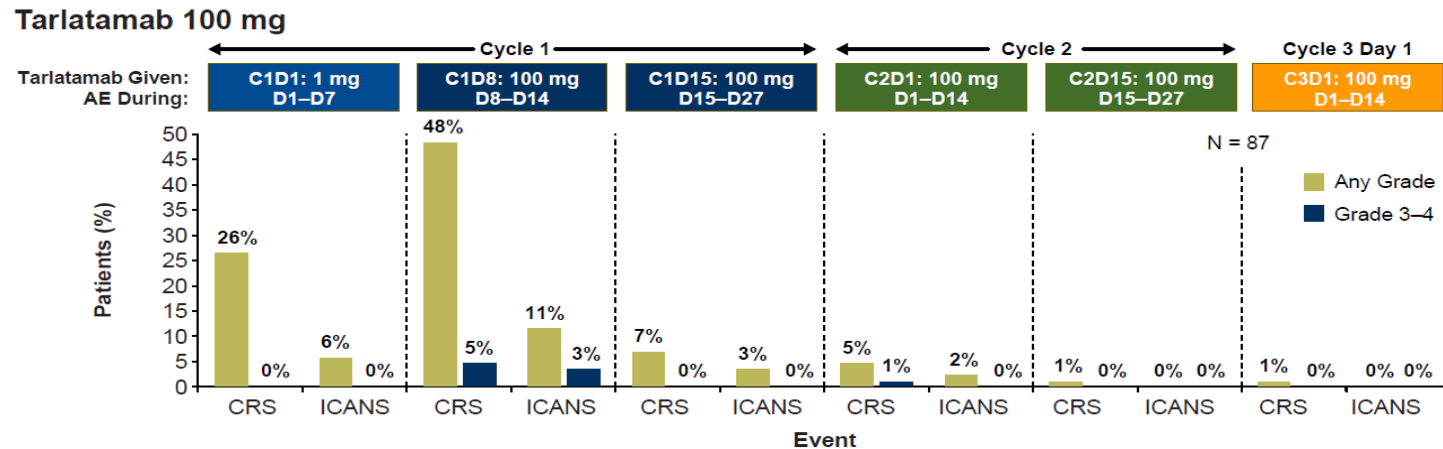
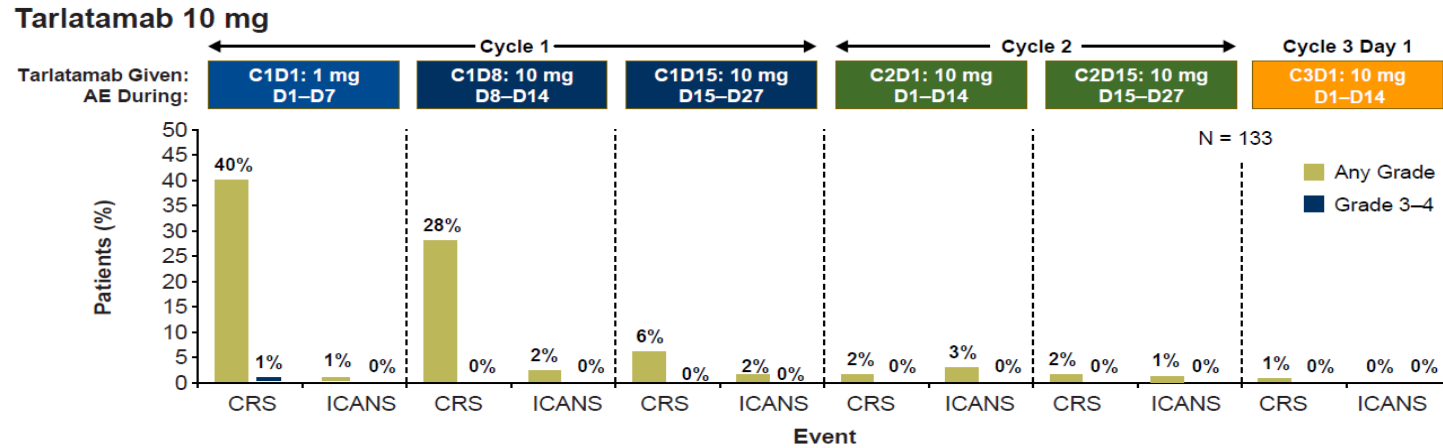
DeLLphi 304 trial

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



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

CRS and Immune Effector Cell-associated Neurotoxicity Syndrome (ICANS)*



- CRS was largely confined to the first or second dose, primarily grade 1-2
- ICANS* occurred infrequently overall, predominantly with 100 mg tarlatamab

Additional Interventions for CRS:

Patients receiving tarlatamab, n (%)	10 mg (n = 133)	100 mg (n = 87)
Tocilizumab	7 (5)	9 (10)
Supplemental oxygen	11 (8)	8 (9)
Vasopressor support	1 (1)	1 (1)

*ICANS includes associated neurologic events based on a broad search using 61 selected preferred terms from MedDRA version 26.0. AE, adverse event; C, cycle; CRS, cytokine release syndrome; D, day; ICANS, immune effector cell-associated neurotoxicity syndrome.

CRS

CRS, n (%)	Parts 1–3 Tarlataamab 10 mg (n = 133)	Part 1 Tarlataamab 100 mg (n = 87)
All Grades	68 (51)	53 (61)
Grade 1	40 (30)	28 (32)
Grade 2	27 (20)	20 (23)
Grade 3	1 (1)	5 (6)

Timing and resolution

- Median onset following last tarlatamab dose: 13 hours (IQR: 8–27)
- Median duration: 4 days (range, 2–6)
- Resolution in 98% of cases

CRS Recurrence

- 24% of patients had another CRS event (primarily Grade 1) with a subsequent dose

Dose interruption

- 10 mg group: 4 patients (3%)
- 100 mg group: 8 patients (9%)

ICANS

AE of interest, n (%)	Parts 1 + 2 Tarlataamab 10 mg (n = 99)	Part 1 Tarlataamab 100 mg (n = 87)	Part 3 Tarlataamab 10 mg (n = 34)
ICANS and associated neurologic events*			
Overall	7 (7)	24 (28)	4 (12)
Grade ≥ 3 severity	0	4 (5)	0
Serious	2 (2)	11 (13)	2 (6)
Leading to tarlatamab discontinuation	1 (1)	1 (1)	0
Fatal	0	0	0

Timing and resolution

- Median onset after last tarlatamab dose: 5 days
- Median time to resolution: 6.5 days (range, 4–17)

Dose interruption

- 10 mg group: 1 patient (1%)
- 100 mg group: 4 patients (6%)

Tarlatamab Management Guidelines - CRS

	Grade 1	Grade 2	Grade 3	Grade 4
Diagnosis	Fever	Hypotension responding to fluids Need for low flow oxygen	Hypotension not responsive to fluids Need for high flow oxygen	Hypotension requiring multiple vasopressors Need for positive pressure
Management	Antipiretics, Dexam.? Consider cultures and antibiotics Alert ICU	IV fluids Oxygen Dexam. Tocilizumab ?? ICU ??	Oxygen Vasopressor Dexam. Tocilizumab ICU	Positive pressure Vasopressors Dexame. Tocilizumab ICU

Tarlatamab Management Guidelines - ICANS

ICE Parameter	Scoring Points
Orientation	4
Naming	3

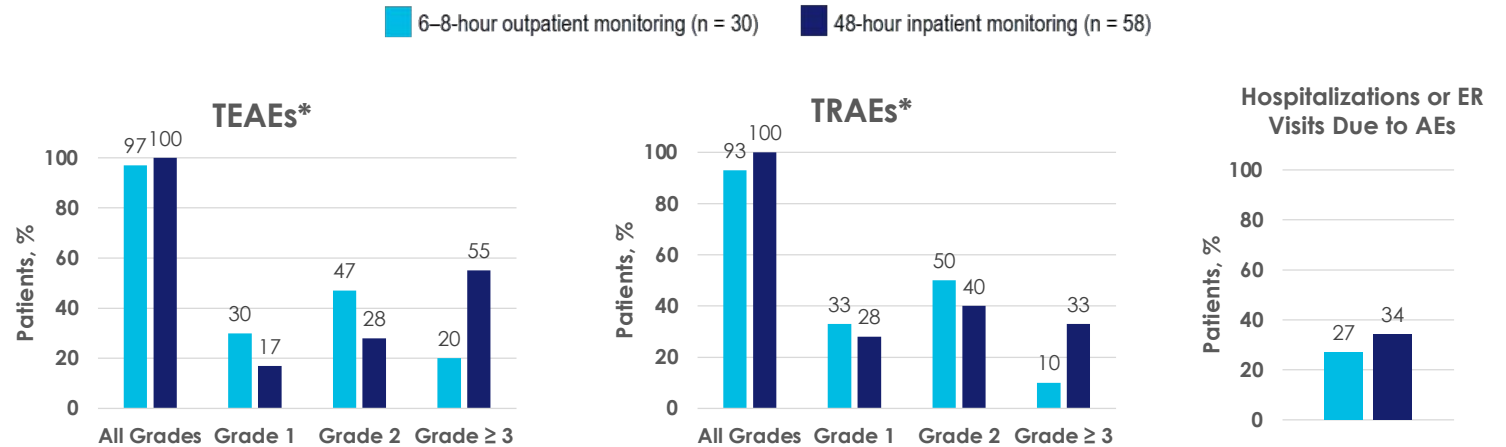
ICE Parameter	Scoring Points
Following commands	1
Writing	1
Attention	1

	Grade 1	Grade 2	Grade 3	Grade 4
Diagnosis	ICE 7-9 Awake	ICE 3-6 Awake to voices	ICE 0-2 Awake to tactile stimulus Seizures (Responsive) Local edema?	Unarousable Life-threatening seizures Diffuse edema Focal motor weakness
Management	Supportive If grade 2-3 CRS Tocilizumab	Dexamethasone If grade 2-3 CRS Tocilizumab and consider UCI	Dexamethasone/6 h Neuroimaging every 2-3 days Antiepileptics as needed Consider anti IL-6 therapy, particularly if CRS	Dexamethasone/6 h Neuroimaging every 2-3 days Antiepileptics as needed Consider anti IL-6 therapy, particularly if CRS

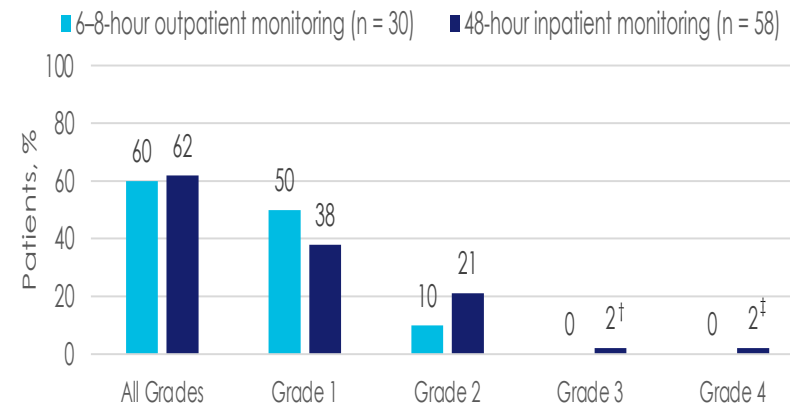
Tarlatamab into Clinical Practice

- Step dosing, steroids, hydration
- Admission for initial infusions
- Expert teams – expedite circuits
- Education on TCEs, safety profile (CRS, ICANS) and management
- Optimize AE prevention (SC preparations,...)

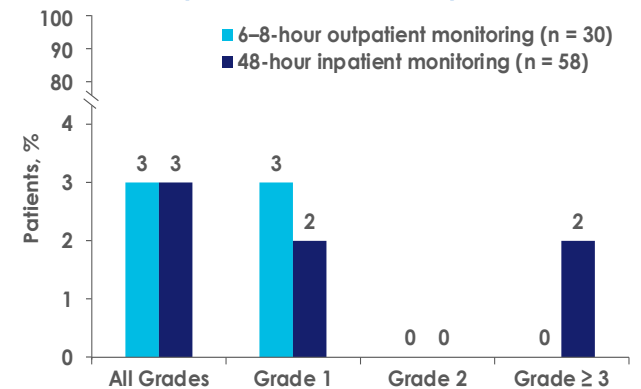
Cycle 1 Safety Profile



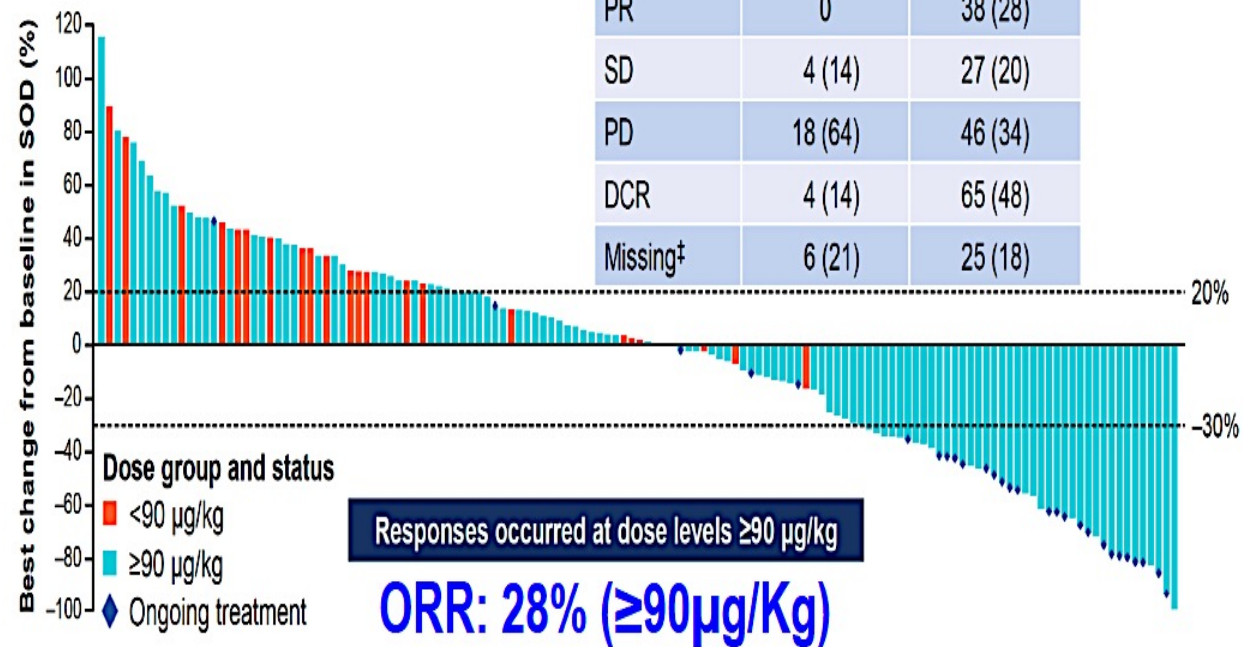
Cycle 1 CRS TRAEs by Grade^{1,*}



Cycle 1 ICANS TRAEs by Grade

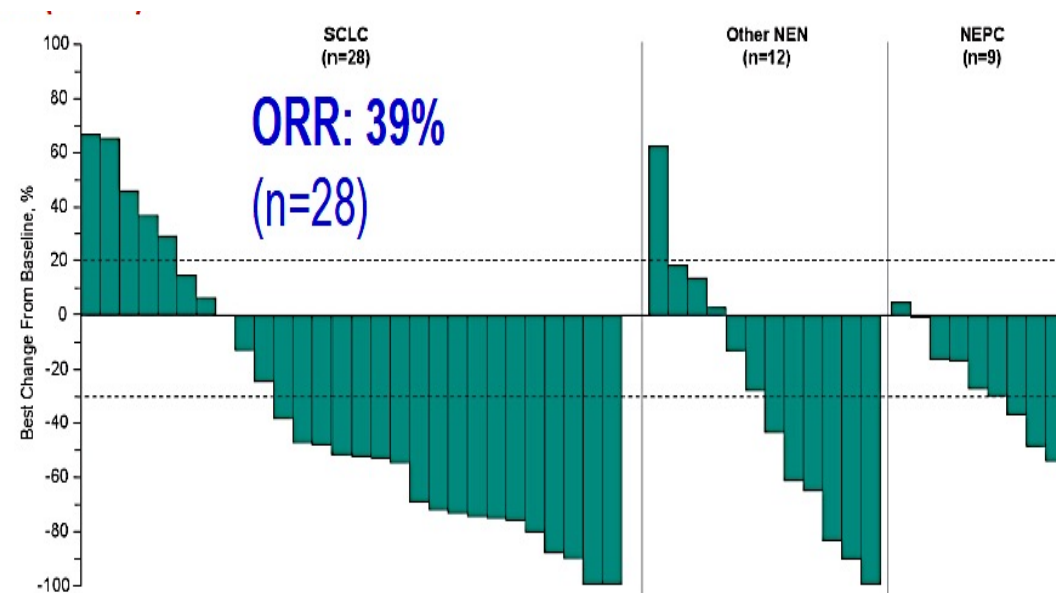


Obrixtamig (BI764532)



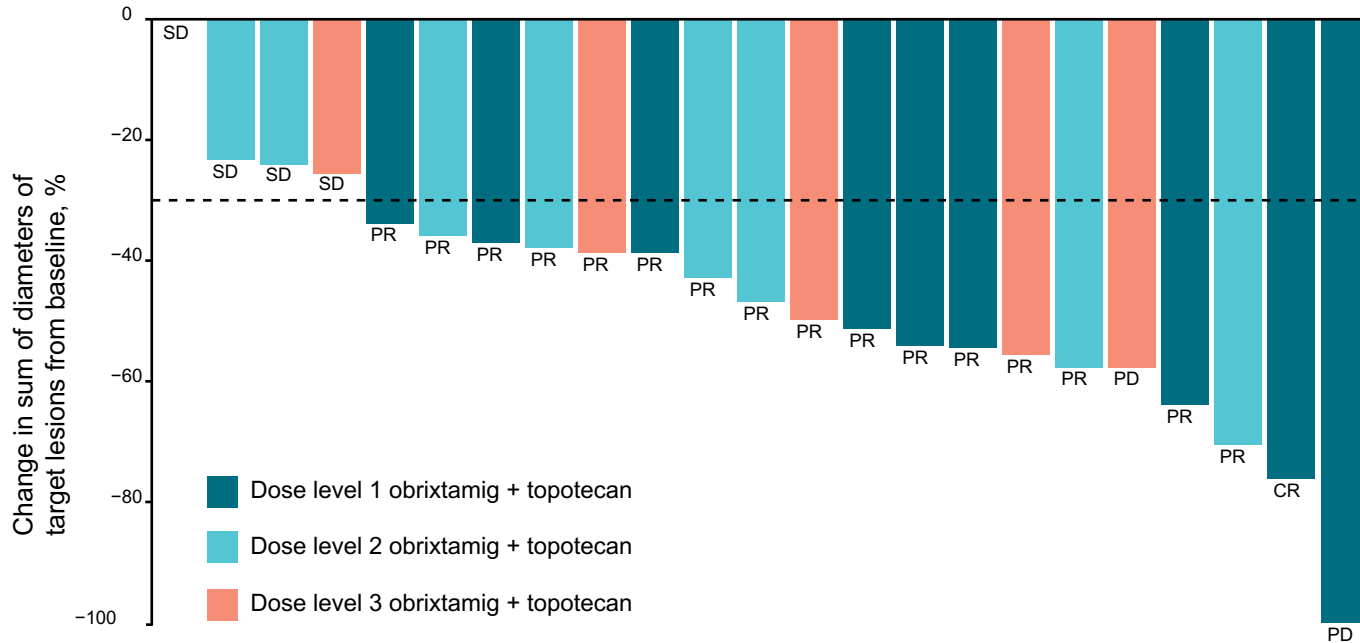
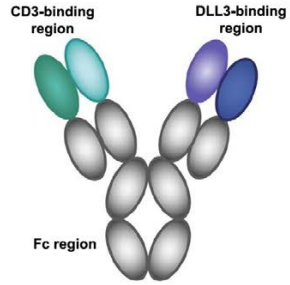
Response n, (%) [*]	All patients (<90 µg/kg) n=28 [†]	All patients ($\geq 90 \mu\text{g/kg}$) n=136 [†]
PR	0	38 (28)
SD	4 (14)	27 (20)
PD	18 (64)	46 (34)
DCR	4 (14)	65 (48)
Missing [‡]	6 (21)	25 (18)

MK 6070 (HPN328): 12-24 mg



	SCLC n=28	Other NEN* n=13
RECIST v1.1		
ORR	11 (39%)	6 (46%)
DCR	20 (71%)	6 (46%)
Extracranial response per RECIST v1.1[†]		
ORR	14 (50%)	6 (46%)
DCR	21 (75%)	6 (46%)

Obixtamig + topotecan (DAREON-9) in 2L+ ES-SCLC

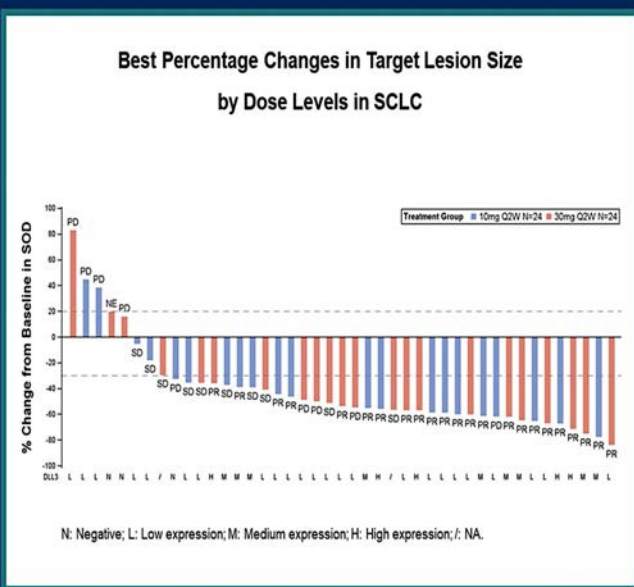


Efficacy endpoint	N=23
Best overall response, n (%)	
CR	1 (4)
PR	15 (65)
SD	4 (17)
PD	2 (9)
Confirmed ORR, % (95% CI)	69 (39–91)
DCR, % (95% CI)	87 (66–97)

Second Generation DLL3 TCEs: ZG006

Antitumor Activity as Assessed by IRC

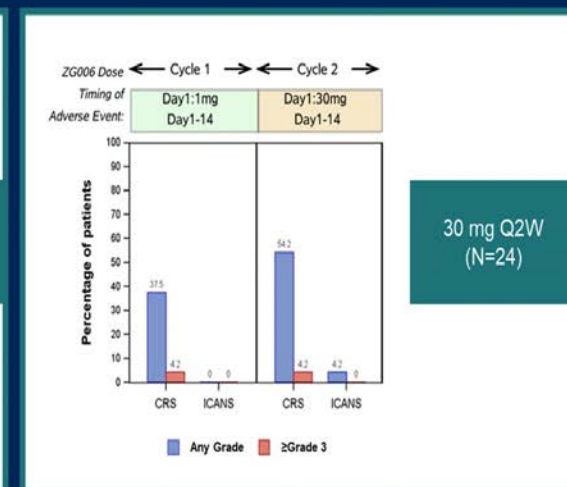
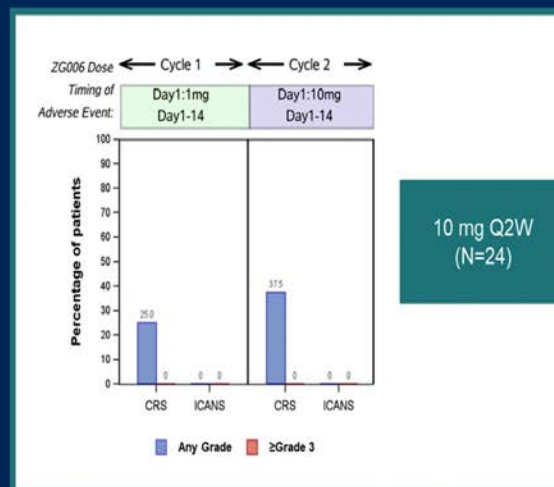
	10 mg Q2W (N=24)	30 mg Q2W (N=24)
BOR		
CR, n (%)	0	0
PR, n (%)	15 (62.5)	14 (58.3)
SD, n (%)	2 (8.3)	2 (8.3)
PD, n (%)	6 (25.0)	6 (25.0)
NE, n (%)	1 (4.2)	2 (8.3)
ORR*, n (%)	15 (62.5)	14 (58.3)
95% CI	(40.6, 81.2)	(36.6, 77.9)
DCR*, n (%)	17 (70.8)	16 (66.7)
95% CI	(48.9, 87.4)	(44.7, 84.4)



CR: Complete Response; PR: Partial Response; SD: Stable Disease; PD: Progressive Disease; BOR: Best Overall Response; *: Non-confirmed

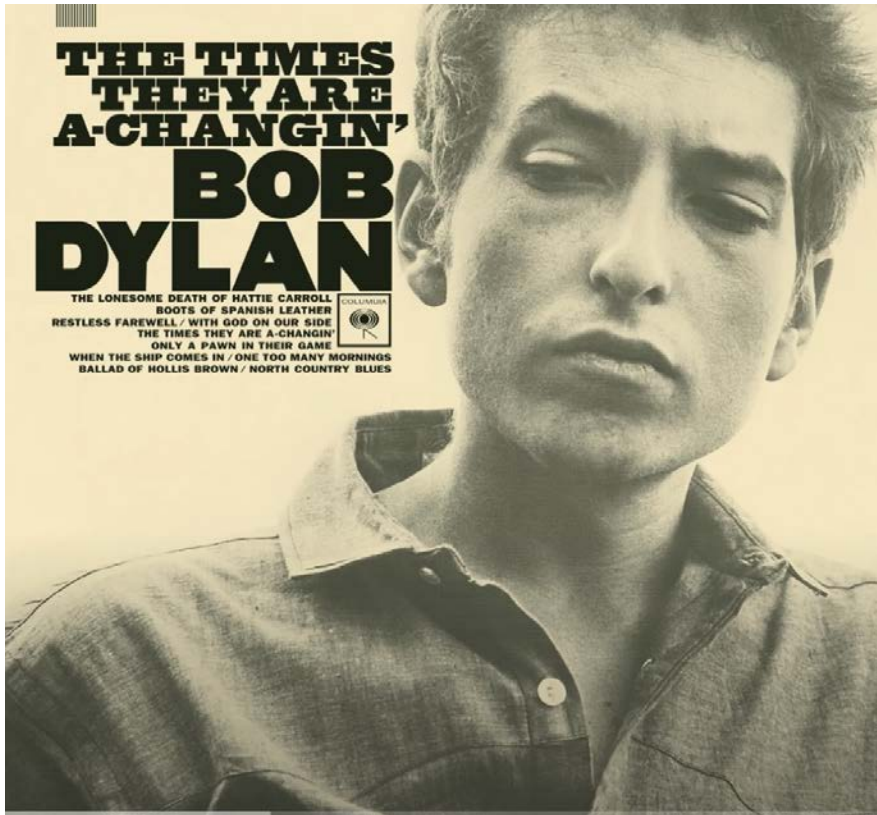
6

CRS and ICANS on Treatment



- Most CRS events were Grade 1-2 in severity, and resolved quickly after symptomatic treatment
- The incidence of CRS and ICANS according to severity by the treatment cycle showed most CRS events occurred during the 1st to 2nd dosing cycle
- The median time of onset was 12.6 to 24.1 hours with a duration of 38.5 to 50.9 hours
- Grade ≥3 CRS occurred in only 2 patients at 30 mg dose group

Take home: Times are a changin' in SCLC!!



- Lurbinectedin plus atezolizumab represents a new standard in the maintenance treatment of SCLC
- TCEs (Tarlataamab) are revolutionizing the treatment and natural history of advanced SCLC (now in the 2nd line context but likely soon in front line therapy)
- Bispecifics and ADCs have promising activity and their incorporation may be easier in the post-TCEs scenario

Second Opinion



Ticiana Leal, MD



Neil Love, MD

Discussion Questions

How are you currently selecting patients for treatment with tarlatamab? What has been your experience implementing tarlatamab in clinical practice? What advice would you offer an oncologist in community practice who is going to begin administering tarlatamab for the first time?

For a patient with bulky disease, do you think it's necessary to employ a cytotoxic agent (eg, lurbinectedin) as a bridge to tarlatamab? What do you do in your own practice? What cytoreductive approach would you use if a patient had already received lurbinectedin in the first-line maintenance setting?

For a patient who does not receive lurbinectedin maintenance, where in the treatment sequence are you integrating the agent? Have you observed meaningful response to this agent following progression on tarlatamab?

Second Opinion



Charu Aggarwal, MD



Neil Love, MD

Discussion Questions

How do you typically approach monitoring for CRS and neurotoxicity for patients receiving tarlatamab? How long do you observe patients after infusion of later cycles, after the highest risk of CRS has passed?

How do you manage dysgeusia with tarlatamab? Do you offer dose holds or treatment holidays for patients who are responding well but experiencing tolerability issues?

Agenda

Module 1: Optimizing First-Line and Maintenance Therapy for Extensive-Stage Small Cell Lung Cancer (SCLC) — Dr Shields

Module 2: Management of Relapsed/Refractory SCLC — Dr Paz-Ares

Module 3: Ongoing Investigation and Potential Role of Antibody-Drug Conjugates in SCLC — Dr Chiang

Module 4: Management of Limited-Stage SCLC — Dr Ganti

Ongoing Investigation and Potential Role of Antibody-Drug Conjugates in SCLC

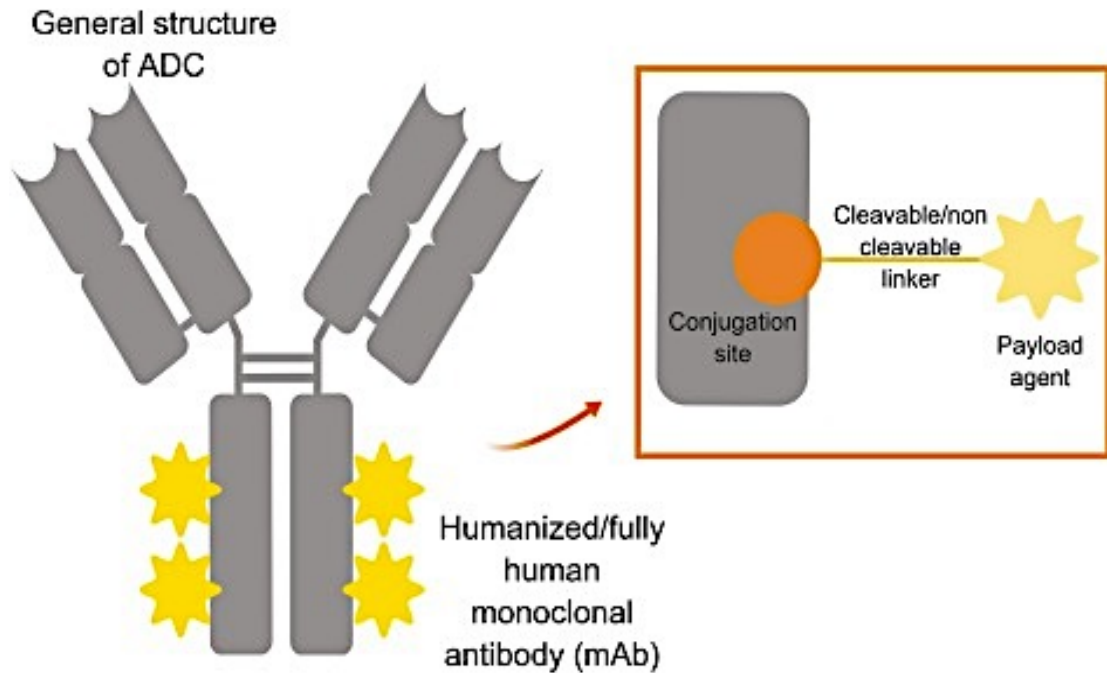
Yale
NewHaven
Health

Smilow Cancer
Hospital

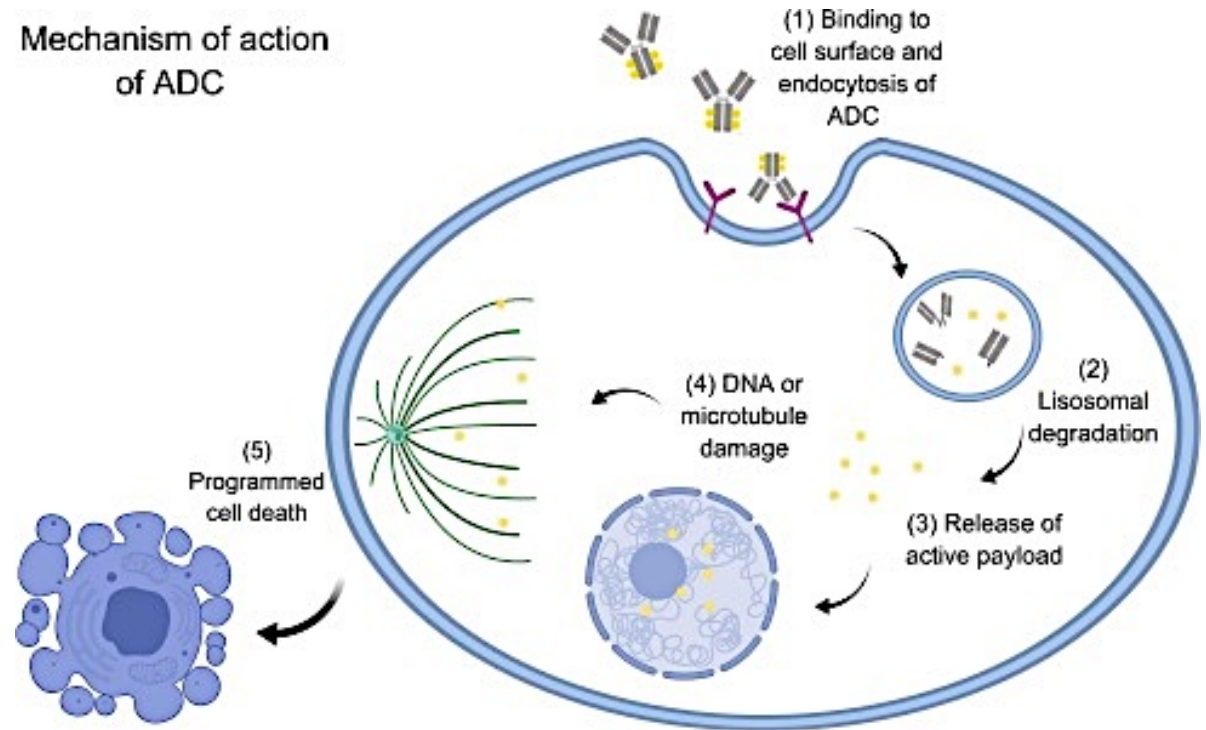
Yale CANCER
CENTER

Anne Chiang MD PhD, FASCO
Associate Professor, Division of Thoracic Medical Oncology
Yale University School of Medicine
Associate Yale Cancer Center Director

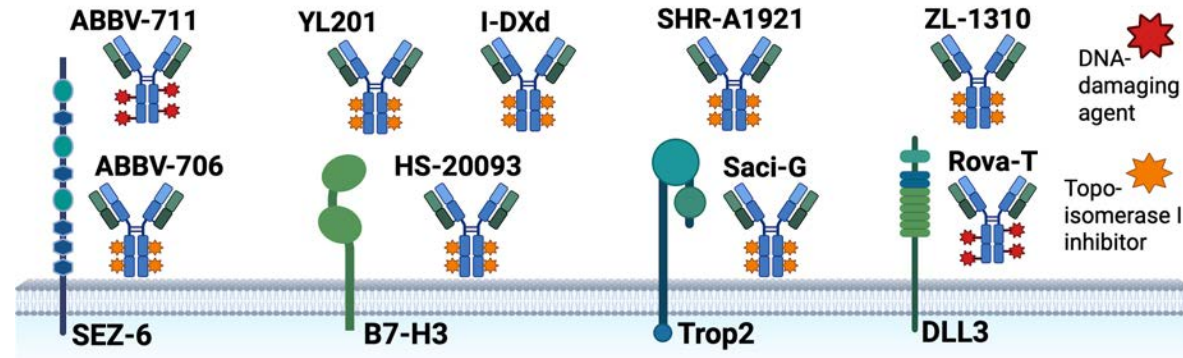
Targeting Tumors: Antibody Drug Conjugates (ADCs)



Mechanism of action of ADC



SCLC ADC Agents

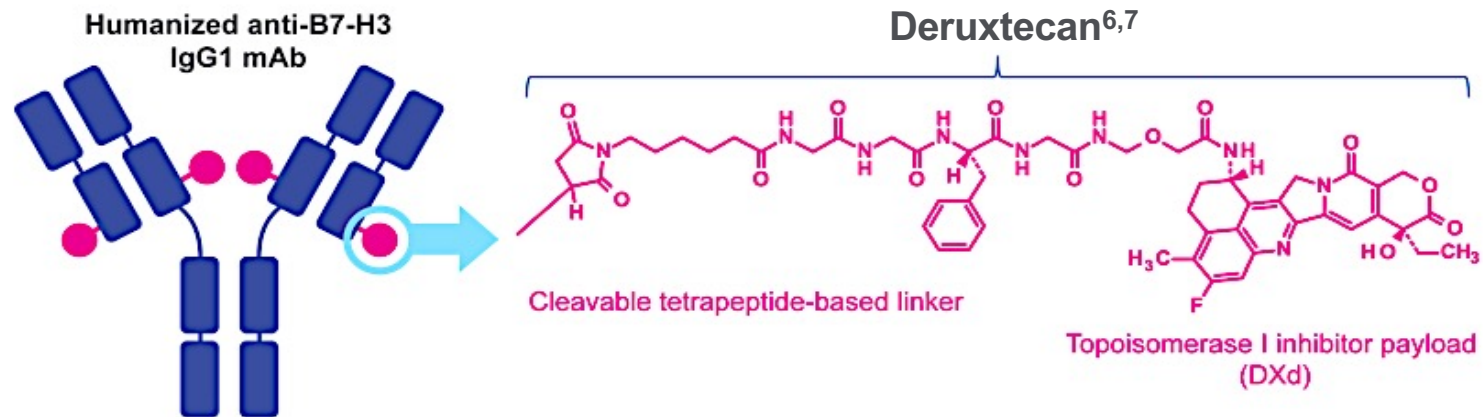


	SEZ-6		B7-H3			Trop2		DLL3	
	ABBV-711	ABBV-706	YL201	I-DXd	HS-20093	SHR-A1921	Saci-G	Rova-T	ZL-1310
Antibody	SC17	SC17	Proprietary	Ifinatumab	Proprietary	Proprietary	Sacituzumab	Rovalpituzumab	Zocilurtatug
Payload	Calicheamicin	Top1 inhibitor	Top1 inhibitor (Camptothecin derivative)	Deruxtecan	TOP1i	SHR9265 (TOP1i)	Govitecan (SN38)	Tesirine (PBD)	Pelitecan (TOP1i)
DAR	2	6	8	4	4	4	7.6	2	8
Linker	Noncleavable	Proprietary	Protease-cleavable*	Plasma stable, Protease-cleavable	Protease-cleavable	Cleavable	Hydrolysable	Protease-cleavable	Cleavable tri-peptide

B7-H3 ADC: Ifinatamab Deruxtecan (I-DXd)

- B7 homologue 3 (B7-H3) is overexpressed in a wide range of cancer types, and is associated with disease progression and lower overall survival¹⁻⁵

DS-7300 is a B7-H3 (CD276)-directed ADC composed of 3 components



Payload mechanism of action:
topoisomerase I inhibitor^{6-11,a}

High potency of payload^{7,a}

Optimized drug-to-antibody ratio $\approx 4^{6-8,10,a}$

Payload with short systemic half-life^{7,8,a,b}

Stable linker-payload^{7,8,11,a}

Tumor-selective cleavable linker^{7-12,a}

Bystander antitumor effect^{7,13,a}

ADC, antibody-drug conjugate; B7-H3, B7 homologue 3.

^a The clinical relevance of these features is under investigation. ^b Based on animal data.

1. Yamato M, et al. AACR-NCI-EORTC 2020. Abstract 28. 2. Dong P, et al. *Front Oncol*. 2018;8:264. 3. Picarda E, et al. *Clin Cancer Res*. 2016;22(14):3425-3431. 4. Bendell JC, et al. *J Clin Oncol*. 2020;39(15 suppl 1). Abstract TPS3646. 5. Kontos F, et al. *Clin Cancer Res*. 2021;27(5):1227-1235. 6. Okajima D, et al. *Mol Cancer Ther*. 2021;(12):2329-2340. 7. Nakada T, et al. *Chem Pharm Bull (Tokyo)*. 2019;67(3):173-185. 8. Ogitani Y, et al. *Clin Cancer Res*. 2016;22(20):5097-5108. 9. Yamato M, et al. AACR-NCI-EORTC 2020. Abstract 28. 10. Hashimoto Y, et al. *Clin Cancer Res*. 2019;25(23):7151-7161. 11. Koganemaru S, et al. *Mol Cancer Ther*. 2019;18(11):2043-2050. 12. Haratani K, et al. *J Clin Invest*. 2020;130(1):374-388. 13. Ogitani Y, et al. *Cancer Sci*. 2016;107(7):1039-1046.

IDeate-Lung01 study design

Phase 2, multicenter, randomized, open-label study (NCT05280470)

Patient eligibility

- Histologically or cytologically documented ES-SCLC
- Age ≥ 18 years^a
- ≥ 1 prior line of PBC and ≤ 3 prior lines of systemic therapy
- Radiologically documented PD on or after most recent prior systemic therapy
- ECOG PS 0–1
- ≥ 1 measurable lesion per RECIST 1.1^b
- Patients with asymptomatic brain metastases (untreated or previously treated) were eligible

Part 1: Dose optimization



Stratification factors:

- 2L CTFI <90 days; 2L CTFI ≥ 90 days; 3L or 4L
- Prior anti-PD-(L)1 treatment (yes or no)

Part 2: Extension

Primary endpoint

- ORR by BICR^c

Secondary endpoints

- DOR by BICR and inv^c
- PFS by BICR and inv^c
- OS
- DCR by BICR and inv^c
- TTR by BICR and inv^c
- ORR by inv^c
- Safety
- Pharmacokinetics
- Immunogenicity

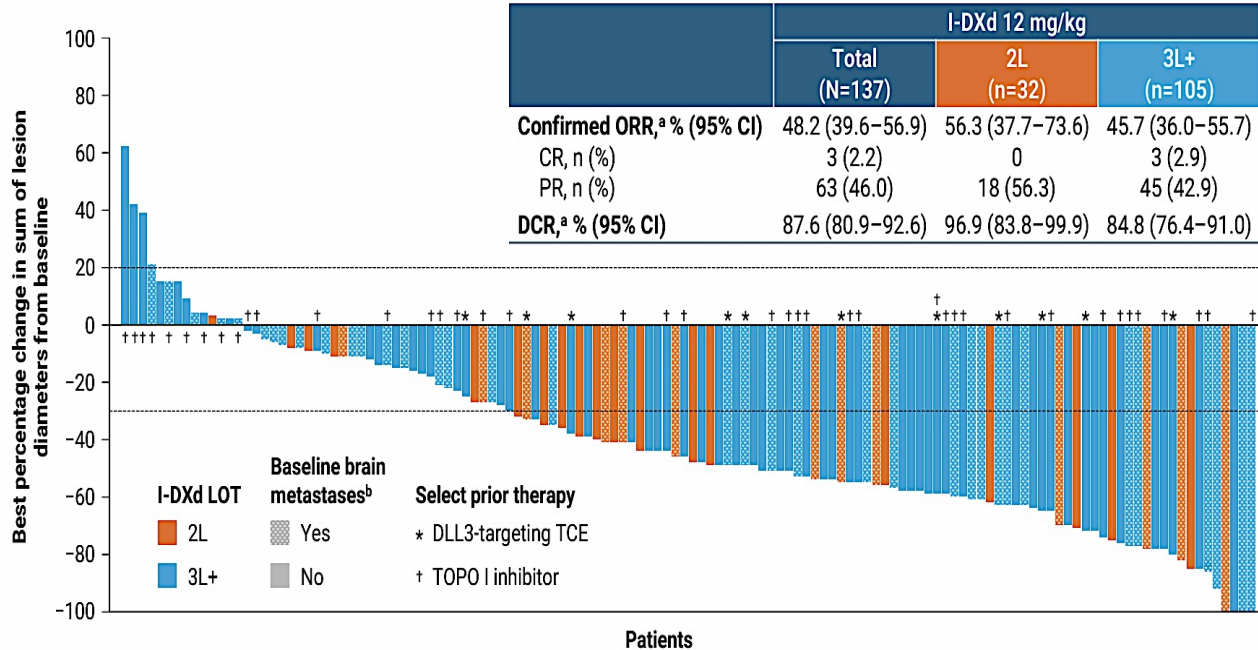
Exploratory analysis

- Intracranial ORR by BICR^d

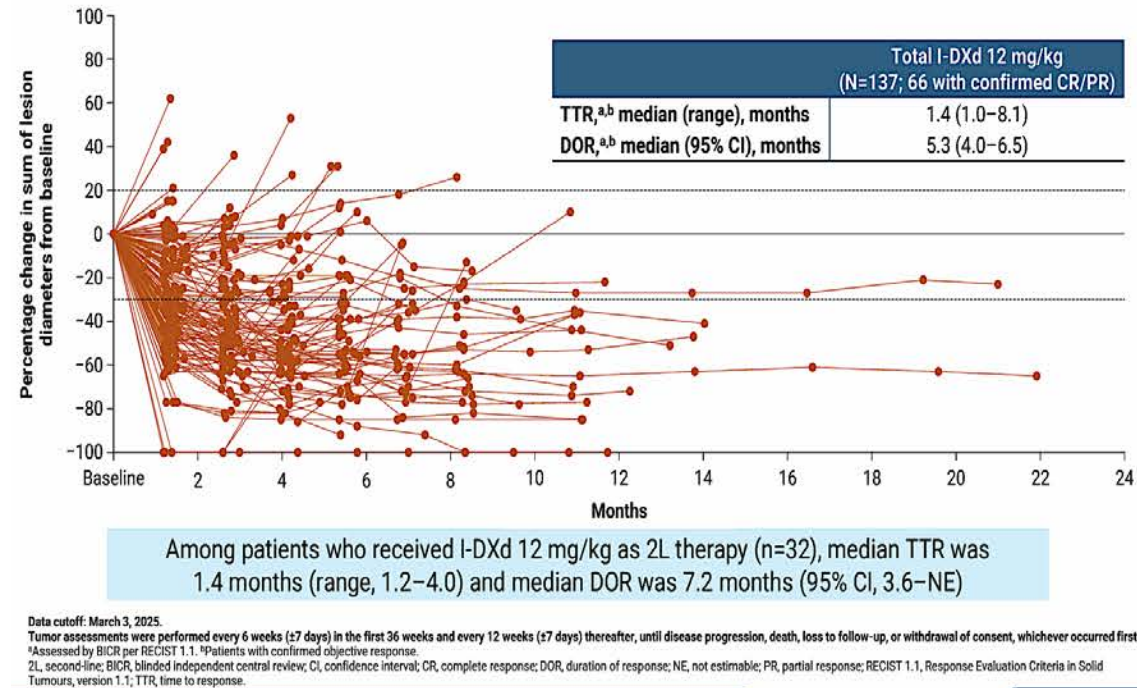
^aOr local legal age of consent. ^bPatients must also have ≥ 1 lesion that has not been irradiated and is amenable to biopsy. ^cPer RECIST 1.1. ^dAssessed using a version of RECIST 1.1 modified for assessment of CNS tumors. 2L, second-line; 3L, third-line; 4L, fourth-line; BICR, blinded independent central review; CNS, central nervous system; CTFI, chemotherapy-free interval; DCR, disease control rate; DOR, duration of response; ECOG PS, Eastern Cooperative Oncology Group performance status; ES-SCLC, extensive-stage small cell lung cancer; inv, investigator; ORR, objective response rate; OS, overall survival; PBC, platinum-based chemotherapy; PD, progressive disease; PD-(L)1, programmed death (ligand) 1; PFS, progression-free survival; Q3W, every 3 weeks; R, randomization; RECIST 1.1, Response Evaluation Criteria in Solid Tumours, version 1.1; TTR, time to response.

Ideate-Lung01 Clinical Outcomes

I-DXd 12 mg/kg demonstrated promising antitumor activity

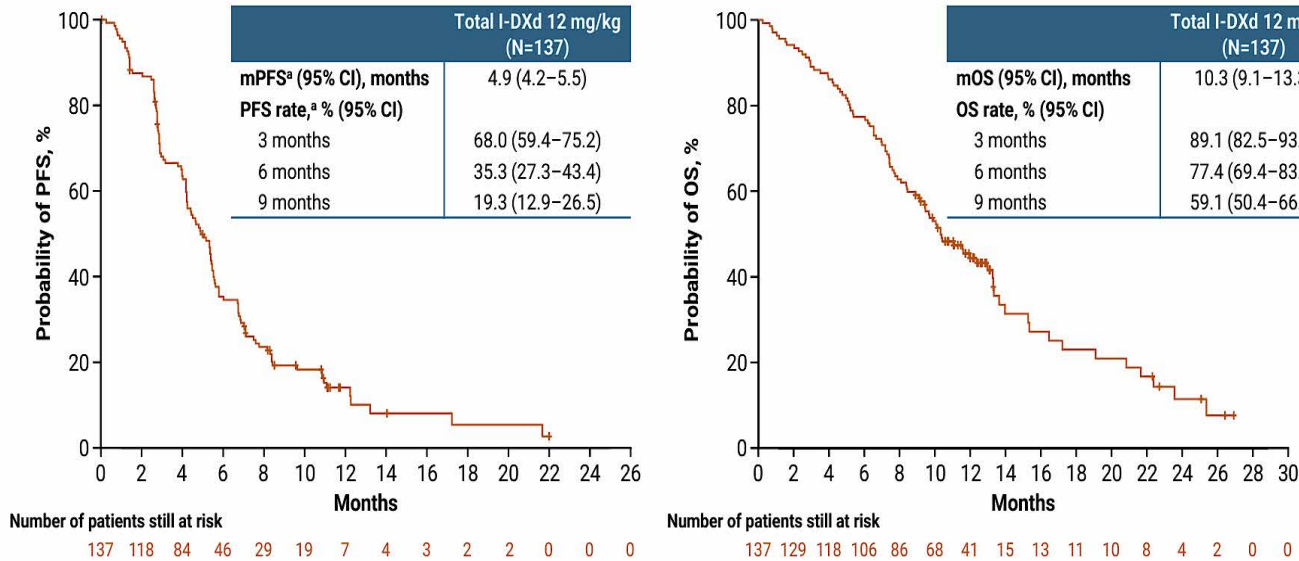


Responses with I-DXd 12 mg/kg were rapid and durable



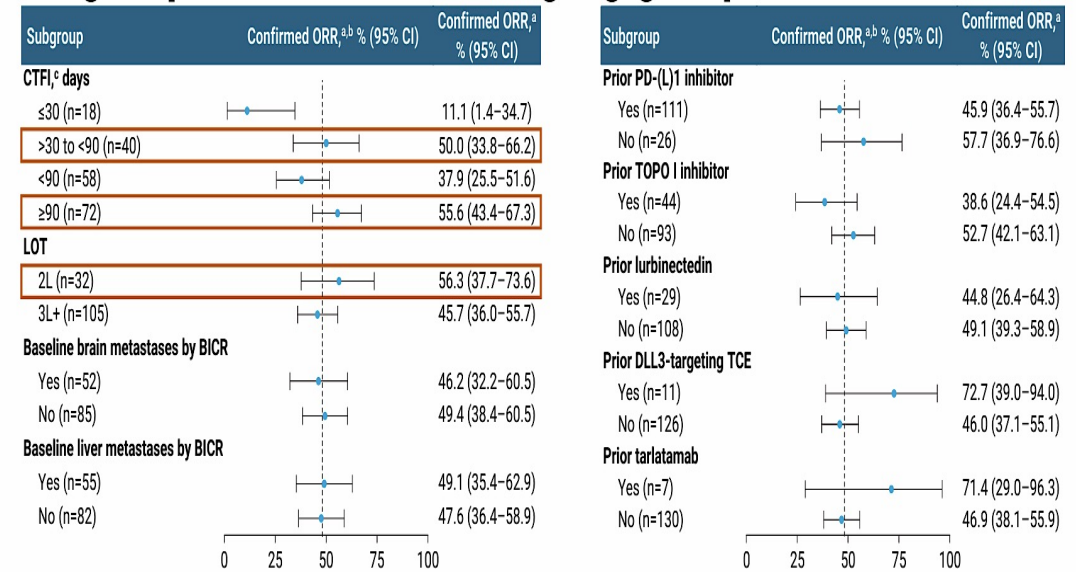
Phase II: Ideate-Lung01 Clinical Outcomes

mPFS was 4.9 months and mOS was 10.3 months with I-DXd 12 mg/kg



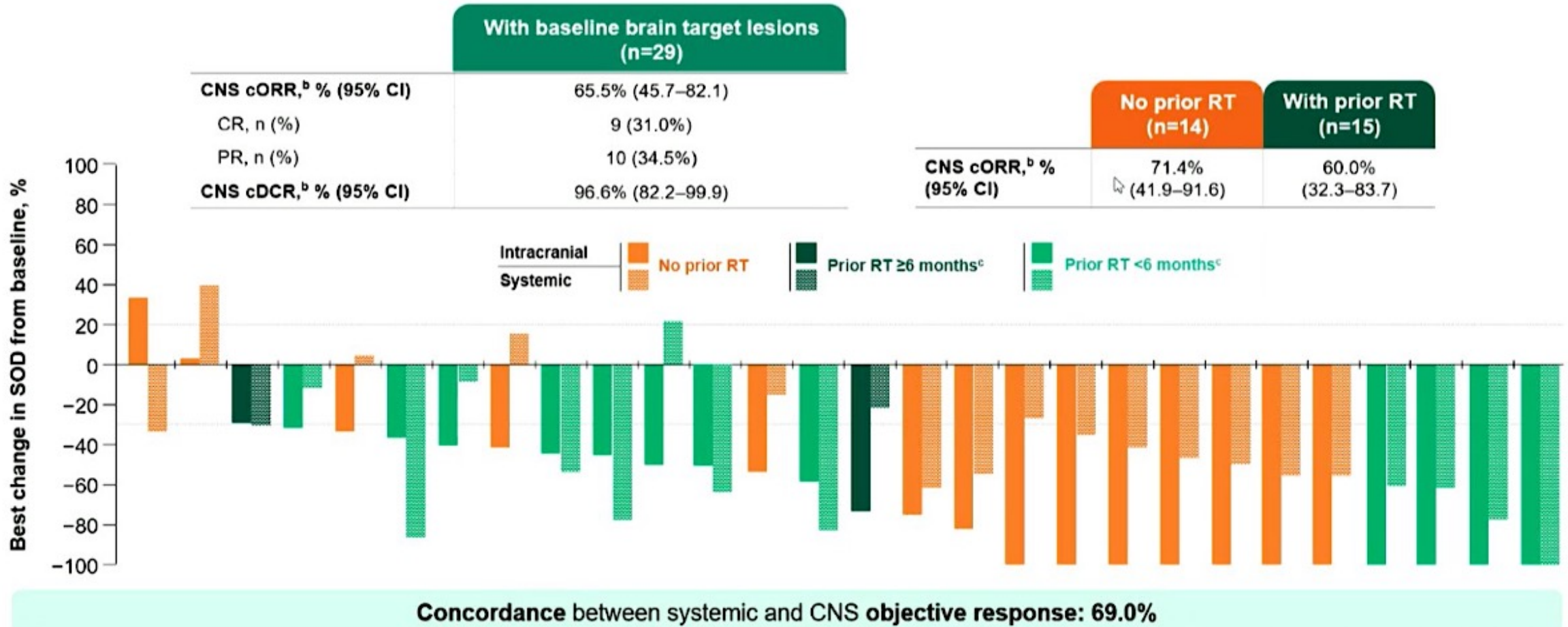
Among patients who received I-DXd 12 mg/kg as 2L therapy (n=32), mPFS was 5.6 months (95% CI, 3.9–8.1) and mOS was 12.0 months (95% CI, 7.3–19.1)

I-DXd demonstrated clinically meaningful benefit across subgroups of the total 12-mg/kg group



- The total 12-mg/kg population included 18 (13.1%) patients with CTFI ≤30 days; as expected, confirmed ORR was low in this population
- In 65 patients with baseline brain metastases identified using CNS BICR, CNS confirmed ORR was 46.2% (95% CI, 33.7–59.0)^d

I-DXd demonstrated promising responses in patients with brain target lesions^a



Data cutoff: March 3, 2025.

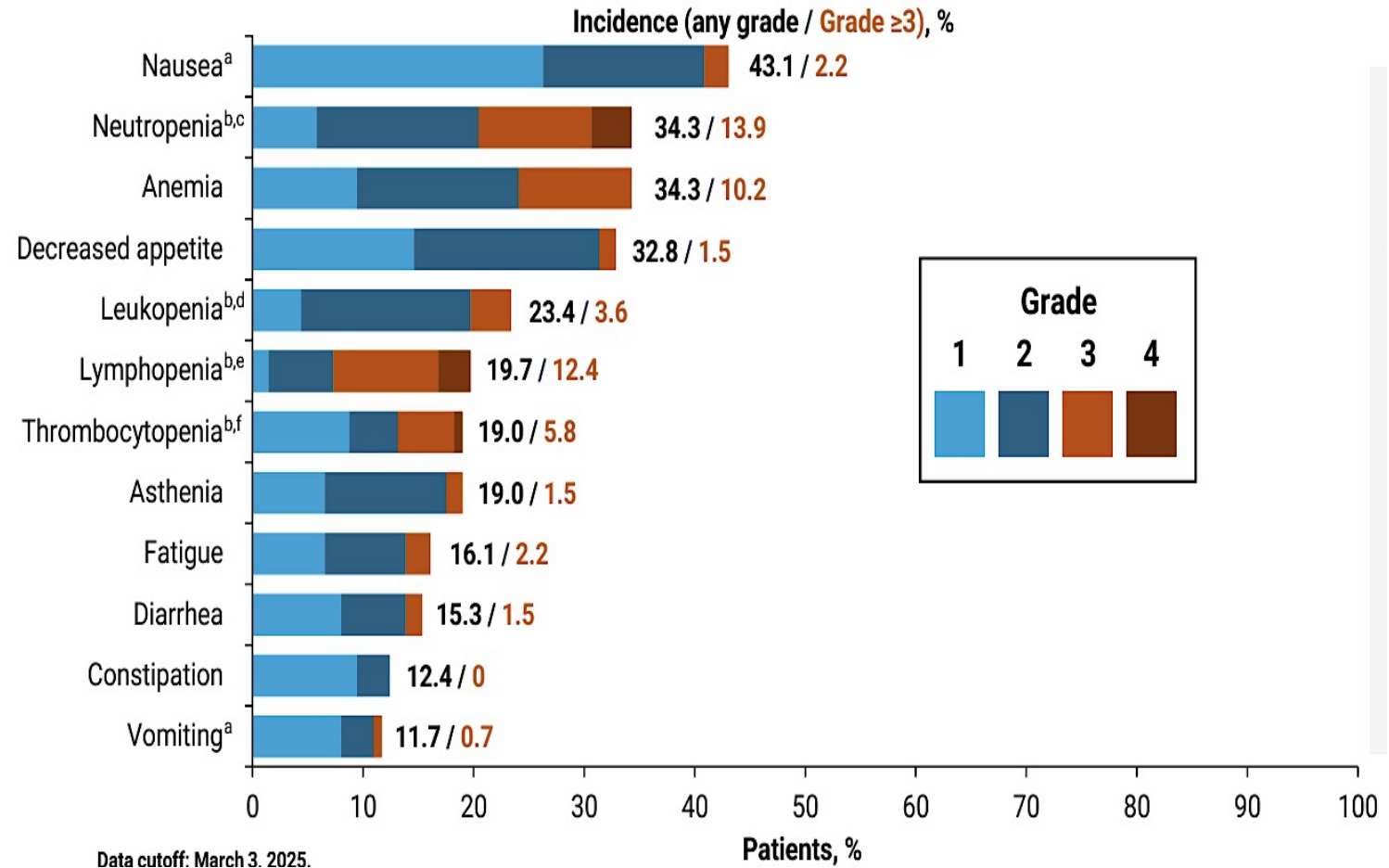
^aOnly patients with measurable disease at baseline and ≥1 post-baseline assessment are included in the plot (n=28); 1 patient was excluded due to a lack of post-baseline assessment. ^bBy CNS BICR using a version of RECIST 1.1 modified for assessment of CNS tumors. ^cTime from last RT of brain until first dose of study treatment.

BICR, blinded independent central review; cDCR, confirmed disease control rate; CI, confidence interval; CNS, central nervous system; cORR, confirmed objective response rate; CR, complete response; PR, partial response; RECIST 1.1, Response Evaluation Criteria in Solid Tumours, version 1.1; RT, radiotherapy; SOD, sum of diameters.

Phase II: Ideate-Lung01 Safety

The safety profile of I-DXd 12 mg/kg was manageable

	Total I-DXd 12 mg/kg (N=137)
Median treatment duration, ^a months (range)	4.8 (0.7–22.7)
Median cycles, n (range)	7.0 (1.0–32.0)
Any-grade TRAEs, n (%)	123 (89.8)
Grade ≥3	50 (36.5)
Associated with dose delay	35 (25.5)
Associated with dose reduction	21 (15.3)
Associated with treatment discontinuation ^b	13 (9.5)
Associated with death ^c	6 (4.4)



Interstitial Lung Disease (ILD) with I-DXd

- Among the most common TRAEs, the majority were Grade 1 or 2
- Adjudicated treatment-related ILD/pneumonitis was reported in 17 (12.4%) patients:
 - Grade 1 or 2, n=11 (8.0%)
 - Grade 3, n=4 (2.9%)
 - Grade 5, n=2 (1.5%)⁹
- No ILD events were pending adjudication at data cutoff

Dec 18, 2025

Voluntary clinical hold on ongoing Phase 3 trial due to higher incidence of grade 5 ILD.

January 13, 2026

Clinical hold lifted.

The manufacturers have implemented “additional strategies” to mitigate the risk of pneumonitis and ILD. These strategies include “stricter trial enrollment eligibility criteria” and “more frequent review of unblinded efficacy and safety data.”

The manufacturers have also implemented additional training for investigators and clinical study staff.

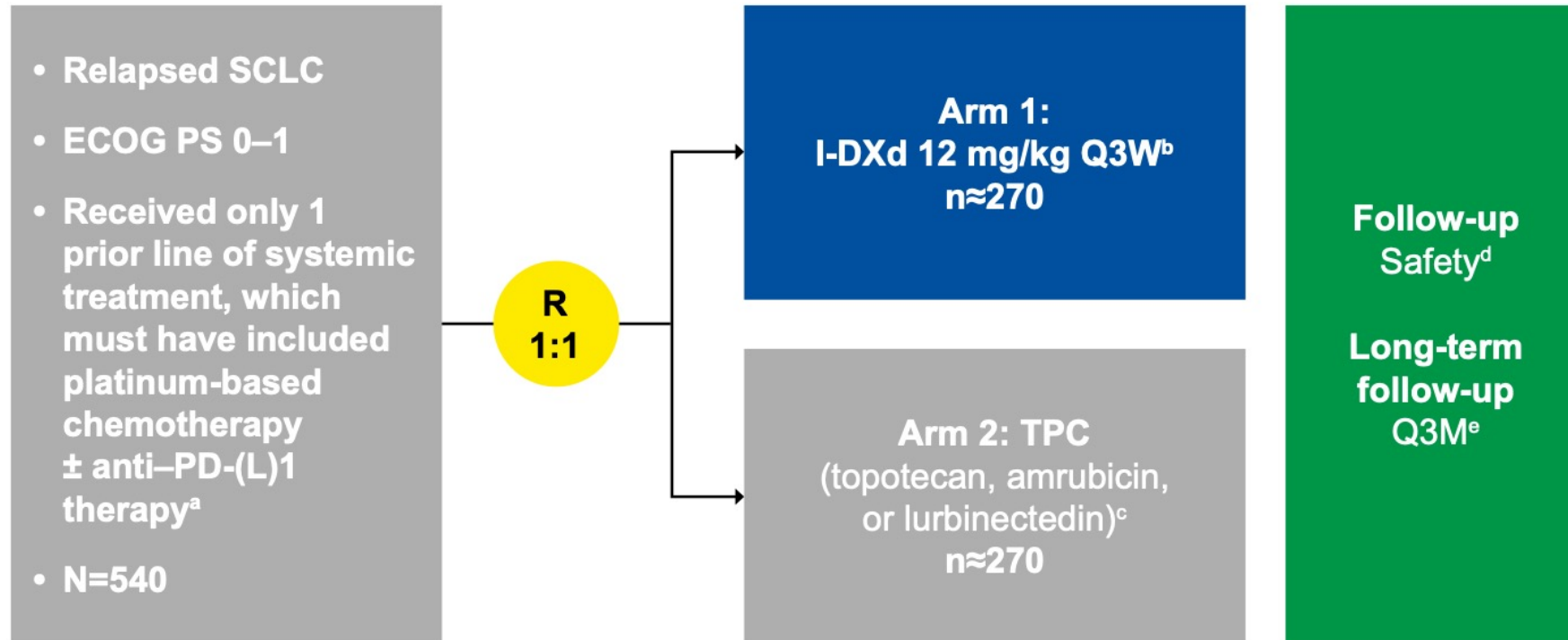
I-DXd Currently Under FDA Review

Ifinatumab Deruxtecan Granted Priority Review in the U.S. for Adult Patients with Previously Treated Extensive-Stage Small Cell Lung Cancer who Experienced Disease Progression on or After Platinum-Based Chemotherapy

Based on results from IDeate-Lung01 Phase 2 trial, with support from IDeate-PanTumor01 Phase 1/2 trial.

If approved, ifinatumab deruxtecan would be a first-in-class B7-H3 directed DXd antibody drug conjugate for these patients.

IDEATE-Lung02: Phase 3 Study of I-DXd in Relapsed SCLC

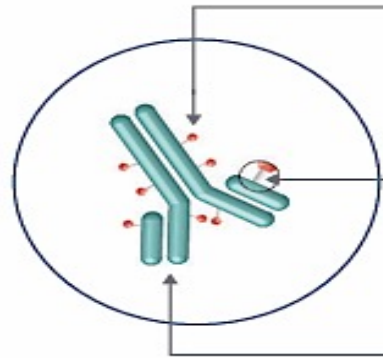


Stratification

- CTFI following 1L therapy (<90 vs ≥90 days)
- TPC (topotecan vs amrubicin vs lurbinectedin)
- Treatment with prior PD-(L)1 inhibitors (yes vs no)
- Presence or history of asymptomatic brain metastases (yes vs no)

Sacituzumab Govitecan: MOA

Figure 1. SG Mechanism of Action



SN-38 payload

- SN-38 is more potent than the parent compound, irinotecan (Topo-1 inhibitor)
- SN-38 is rapidly internalized and efficiently released to the tumor with minimized effect on healthy tissues

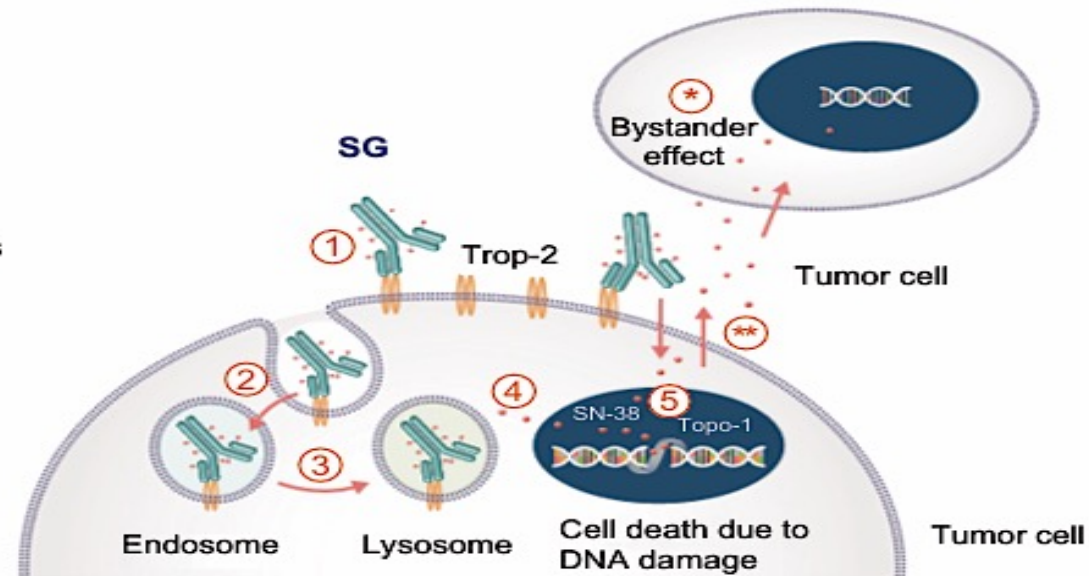
Linker for SN-38

- pH-sensitive, hydrolyzable linker for SN-38 release in targeted tumor cells and tumor microenvironment, allowing bystander effect
- High drug-to-antibody ratio (7.6:1)⁸

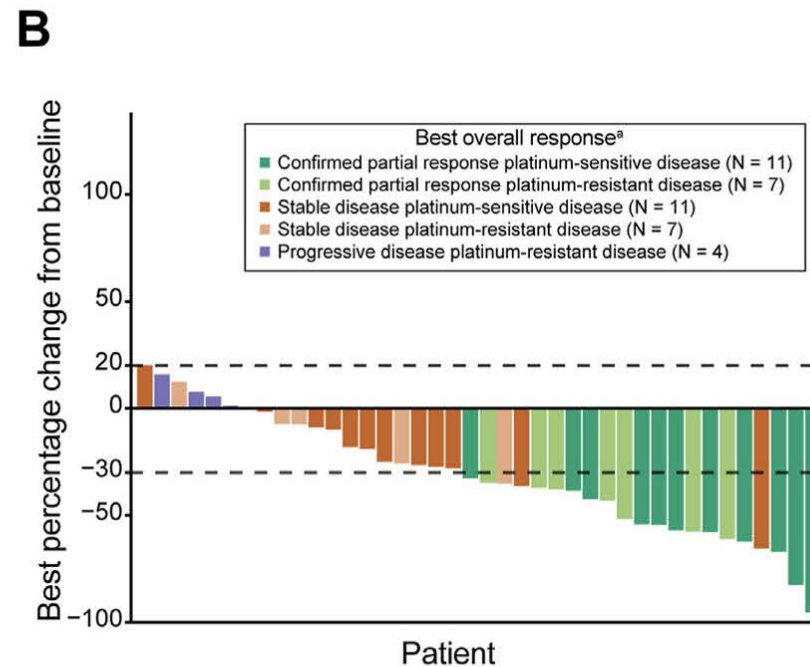
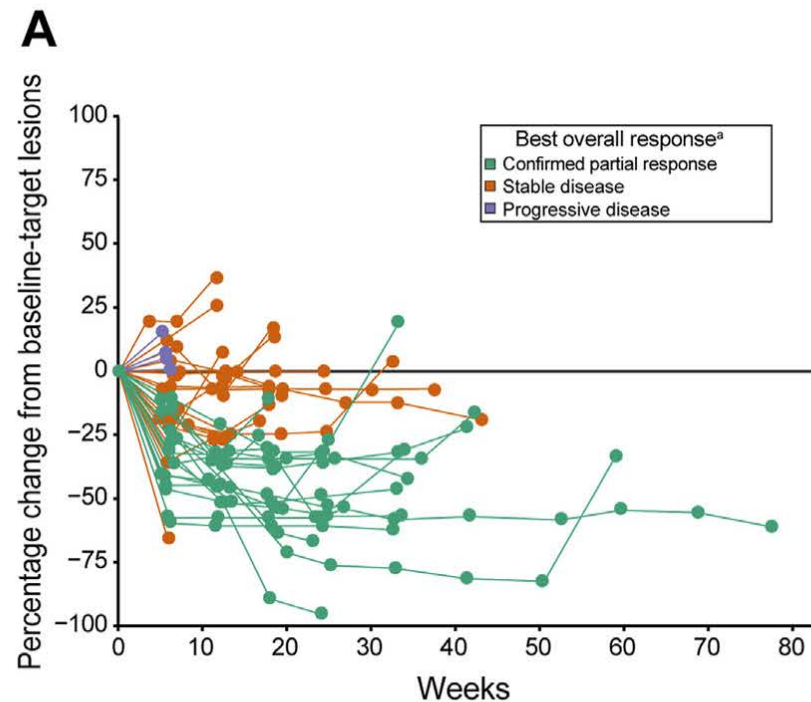
Humanized anti-Trop-2 antibody

- Binds with high ($K_D = 0.3$ nM) affinity to Trop-2, an epithelial antigen expressed on many solid tumors⁹

- ① Binding
 - ② Internalization
 - ③ Lysosomal degradation
 - ④ Intracellular trafficking
 - ⑤ Cell cytotoxicity
- * Bystander effect on adjacent tumor cells
** SN-38 release and DNA damage



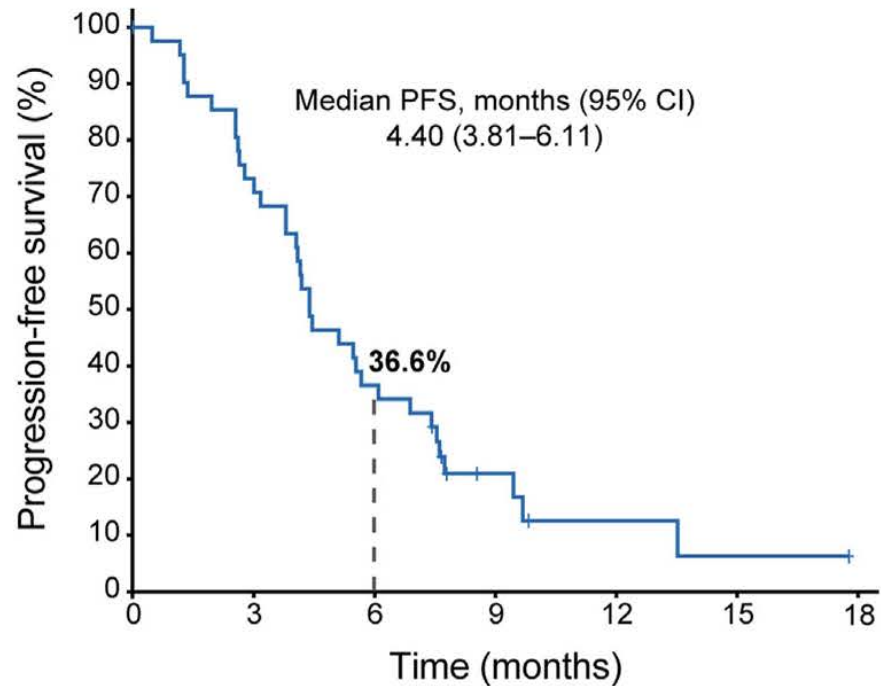
Ph2 TROPiCS-03: Sacituzumab Govitecan (SG) as 2L in SCLC Cohort



- TROPiCS-03 (NCT03964727) open-label phase 2 basket study of solid tumors
- Pts with ES-SCLC that progressed after 1L chemIO
- Received SG 10 mg/kg on D1, D8 of 21 day cycle
- n=43
- ORR 41.9%
- mDOR: 4.73 mo

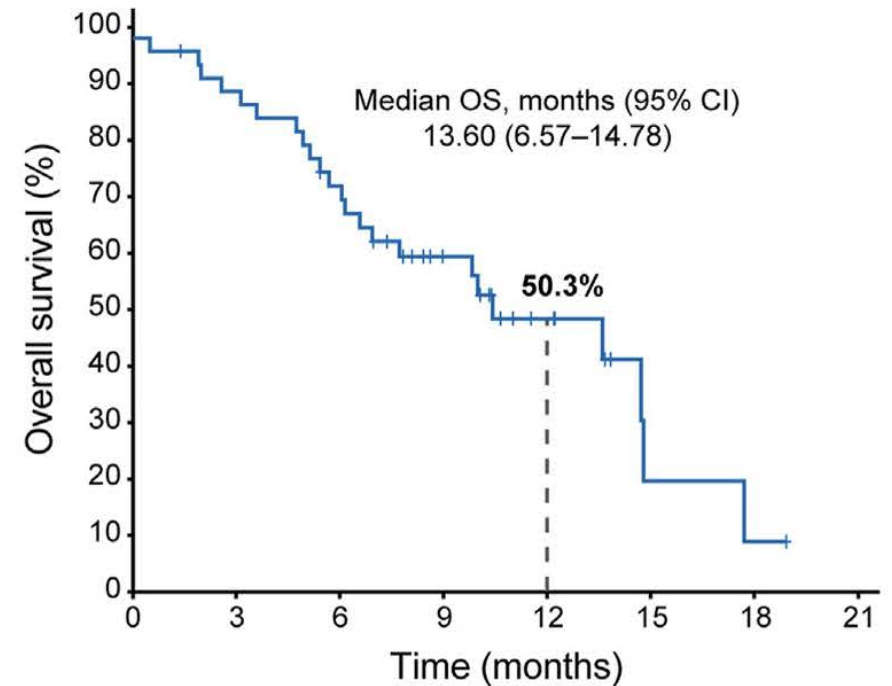
Ph2 TROPiCS-03: Sacituzumab Govitecan (SG) as 2L in SCLC Cohort

A



N at risk
(events) 43 (0) 30 (11) 15 (26) 5 (32) 2 (34) 1 (35) 0 (35)

B



N at risk
(events) 43 (0) 38 (4) 30 (11) 18 (16) 9 (19) 2 (22) 1 (23) 0 (23)

Ph2 TROPiCS-03: Sacituzumab Govitecan (SG) as 2L in SCLC Cohort

Table 3. Safety Summary

TEAEs	Patients (N = 43)	
	Any Grade	Grade \geq 3
Event		
TEAEs, n (%) ^{a,b}	43 (100.0)	32 (74.4)
TEAEs reported in \geq 10% of patients		
Diarrhea	33 (76.7)	4 (9.3)
Fatigue	26 (60.5)	1 (2.3)
Neutropenia	24 (55.8)	19 (44.2)
Constipation	18 (41.9)	0
Nausea	17 (39.5)	0
Alopecia	13 (30.2)	0
Anemia	13 (30.2)	2 (4.7)
Decreased appetite	10 (23.3)	0
Abdominal pain	8 (18.6)	0
Hypomagnesemia	7 (16.3)	0
Rash	7 (16.3)	0
Vomiting	7 (16.3)	0
Dizziness	6 (14.0)	0
Dysgeusia	6 (14.0)	0
Stomatitis	6 (14.0)	2 (4.7)
COVID-19	5 (11.6)	0
Cough	5 (11.6)	0
Hypokalemia	5 (11.6)	0
Hyponatremia	5 (11.6)	3 (7.0)
Hypotension	5 (11.6)	1 (2.3)
Edema peripheral	5 (11.6)	0
Treatment related ^c	42 (97.7)	26 (60.5)
TEAEs leading to treatment discontinuation	0	
Treatment related ^c	0	
TEAEs leading to death	3 (7.0)	
Treatment related ^d	1 (2.3)	
TEAEs leading to dose reduction	16 (37.2)	
TEAEs leading to treatment interruption	30 (69.8)	

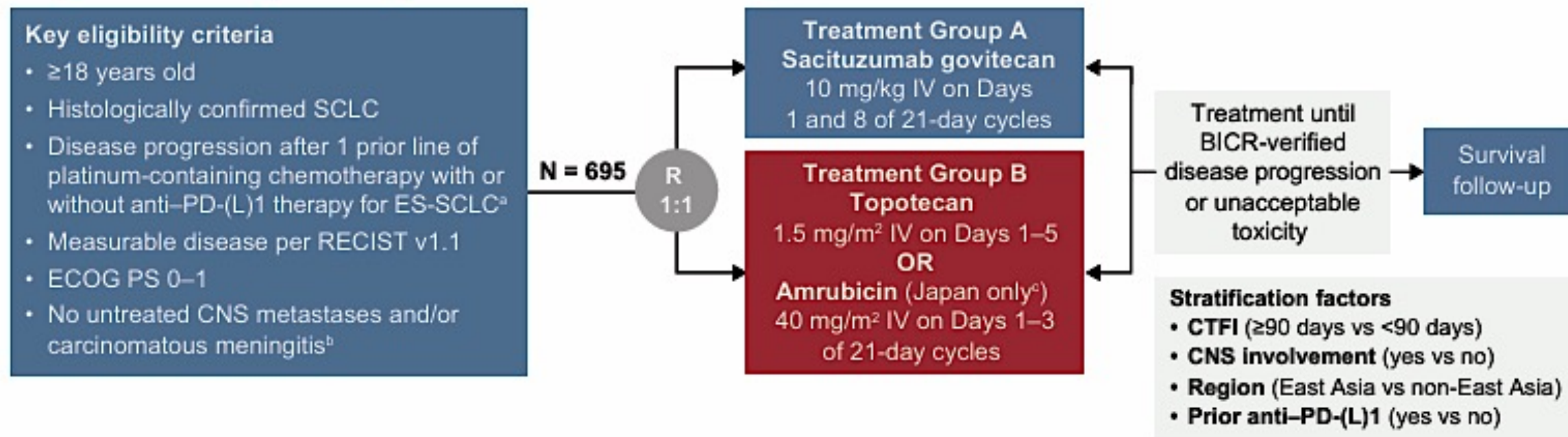
SG Granted FDA Breakthrough Therapy in ES-SCLC

U.S. FDA Grants Breakthrough Therapy Designation to sacituzumab govitecan for Second-Line Treatment of Extensive-Stage Small Cell Lung Cancer

The Breakthrough Therapy Designation is based on results from the global Phase 2 TROPiCS-03 study ES-SCLC cohort, which showed encouraging results with SG as a second-line treatment for ES-SCLC.

Ongoing Ph3 EVOKE-SCLC-04 (NCT06801834)

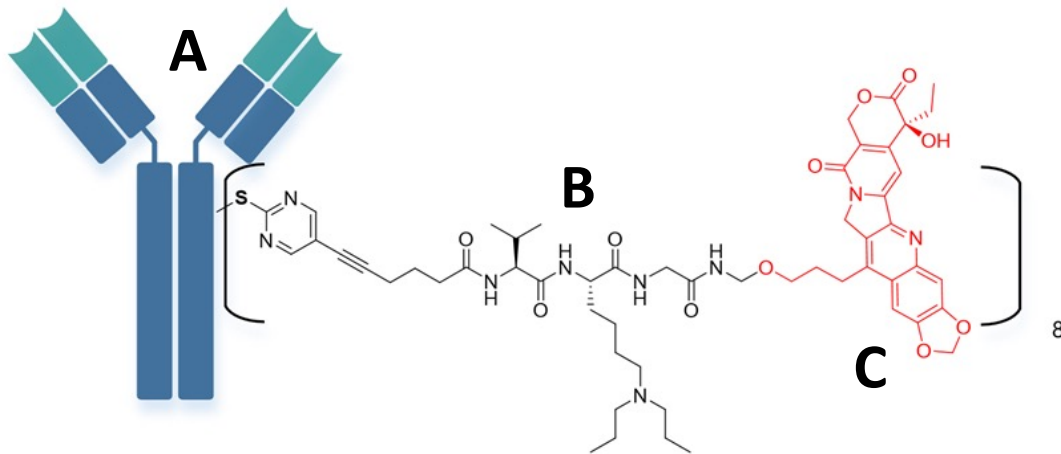
Figure 2. Study Design



ZL-1310: Delta-Like Ligand 3 (DLL3) Targeting Antibody Drug Conjugate (ADC)



- DLL3 is a neuroendocrine-specific antigen that is a validated target and is highly expressed in small cell lung cancer (SCLC), an indication with a high unmet medical need¹⁻³
- ZL-1310 is a novel DLL3-targeting ADC developed using the camptothecin derivative-based TMALIN[®] (Tumor Microenvironment-Activable LINKer-payload) platform⁴
 - Efficient payload delivery to the targeted cells with DAR=8
 - Potent bystander killing mediated by the Topo-1 inhibitor payload C24
 - TME-specific payload release and accumulation, minimizing systemic toxicity



A: Humanized anti-DLL3 IgG1 mAb
B: Cleavable tripeptide-based linker
C: Camptothecin derivative payload, C24

DLL3: delta-like ligand 3; DAR: drug-to-antibody ratio; Ig: immunoglobulin; mAb: monoclonal antibody; TME: tumor microenvironment

1. Sabari JK, et al. *Nat Rev Clin Oncol*. 2017;14(9):549–61. 2. Saunders LR, et al. *Sci Transl Med*. 2015;7(302):302ra136. 3. Petrelli F, et al. *Mol Clin Oncol*. 2021;15(4):218. 4. Liu LN, et al. Poster presented at: ELCC; March 22, 2024; Prague, Czech Republic.

ZL-1310-001: Study Overview (NCT06179069)

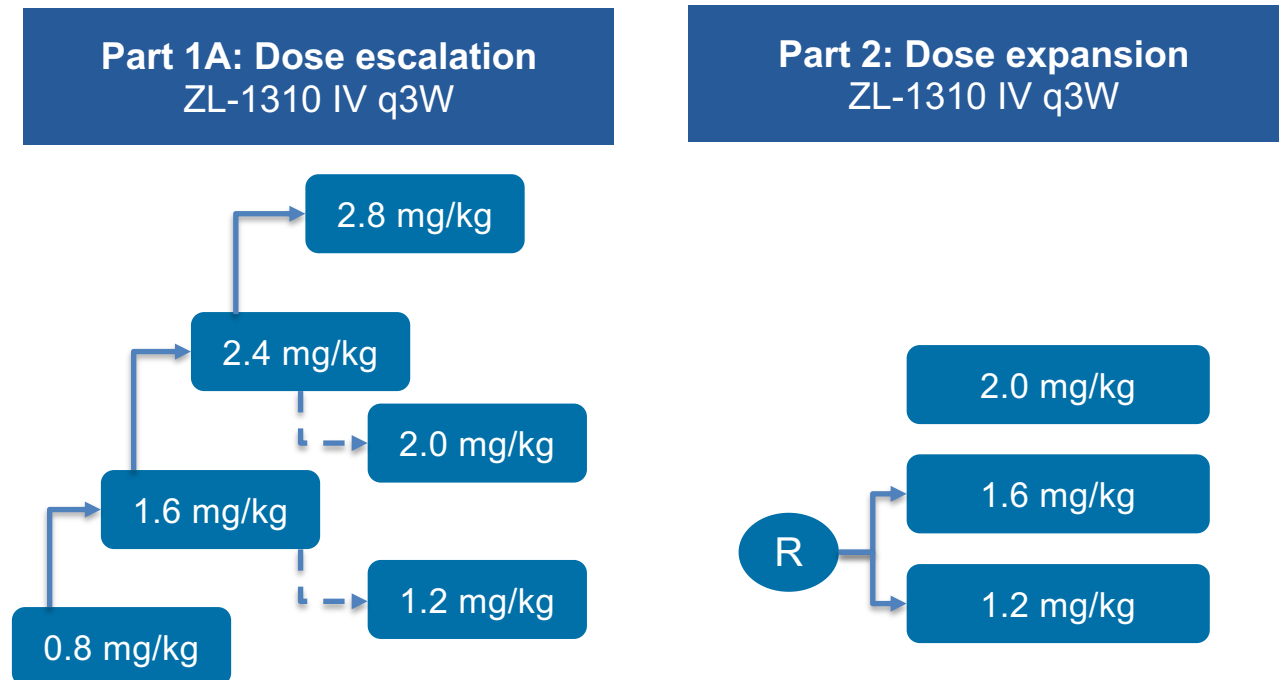


- Phase I, open-label, dose-escalation and expansion study of ZL-1310 as **monotherapy** and in combination with atezolizumab or atezolizumab and carboplatin in SCLC
- Preliminary data was previously reported.¹ Data reported here are an update from the ongoing **monotherapy parts**
 - 115 patients** dosed across dose escalation and expansion cohorts
 - 102 patients** had the opportunity of at least 1 post baseline scan for response assessment per RECIST v1.1 (Efficacy Evaluable Population) with median follow-up time 7.1 months

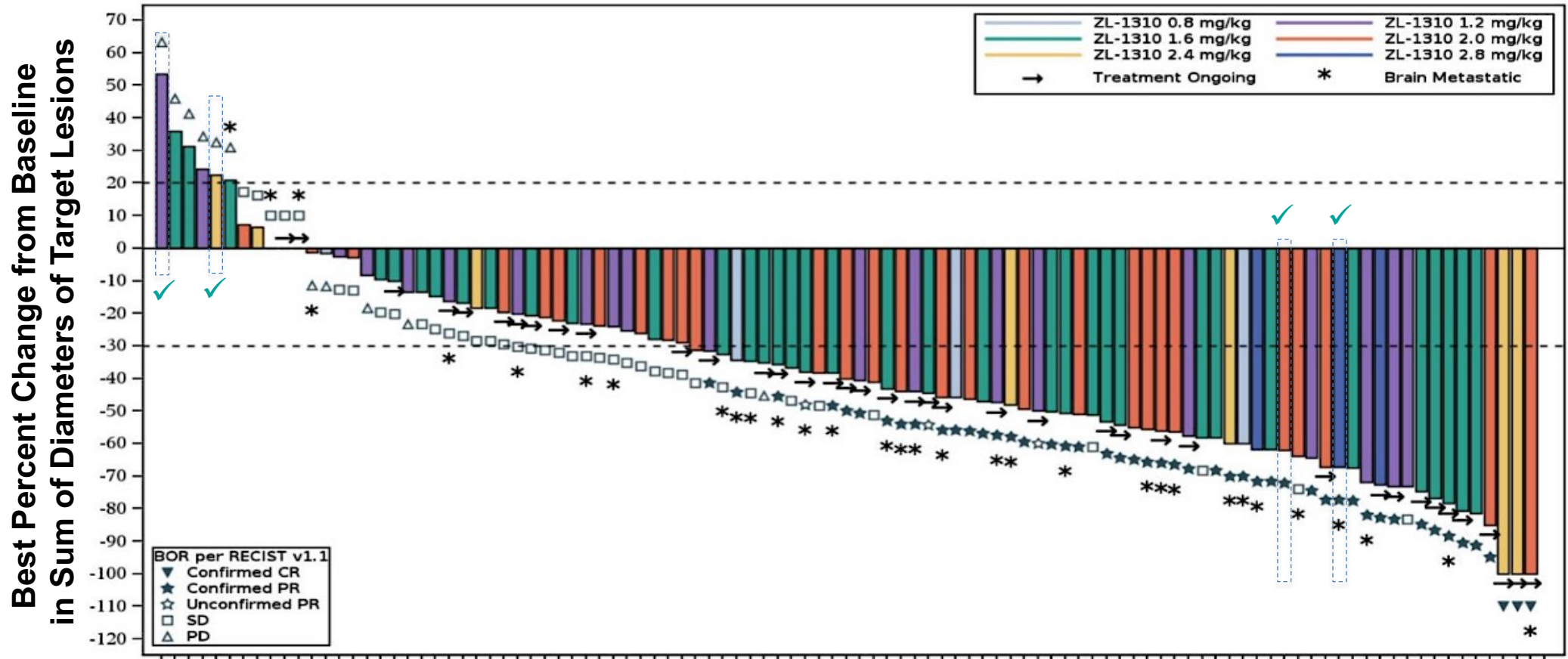
Patients with metastatic or extensive-stage SCLC with ≥ 1 prior platinum-based chemotherapy regimen

- Asymptomatic brain metastasis (treated or untreated) allowed
- Prior DLL3-targeted therapy allowed
- Archival biopsy collected for retrospective DLL3 testing
- ECOG PS 0-1

Data cut-off: September 15, 2025. IV: intravenous; q3W: once every 3 weeks; PS: Performance Status; R: randomization; RECIST v1.1: Response Evaluation Criteria in Solid Tumors version 1.1; SCLC: small cell lung cancer; 1. Patel, M.R. et al. JCO 2025, 43, 3041, ASCO 2025.



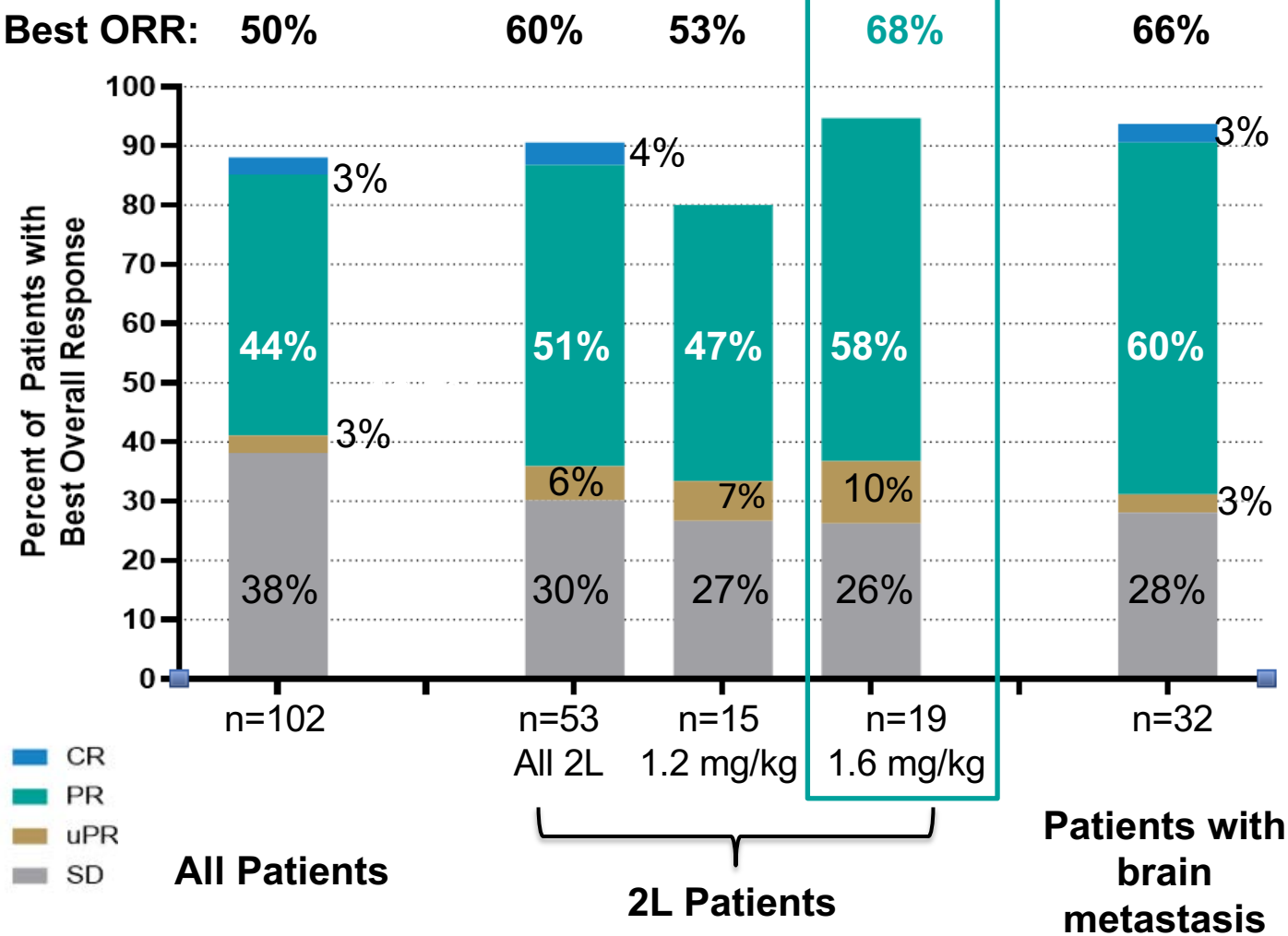
Target Tumor Regression Observed Across Dose Levels and In Patients with Brain Metastasis At Baseline



Pts received a median of 6 treatment cycles (range 1-22) of ZL-1310

✓ Of the 76 pts with tumor tissue samples available, four (4/76, 5.3%) were found to be DLL3-negative (IHC=0) by retrospective immunohistochemistry analysis via central laboratory

Best Overall Response per RECIST v1.1 by Investigator: Efficacy Evaluable Population



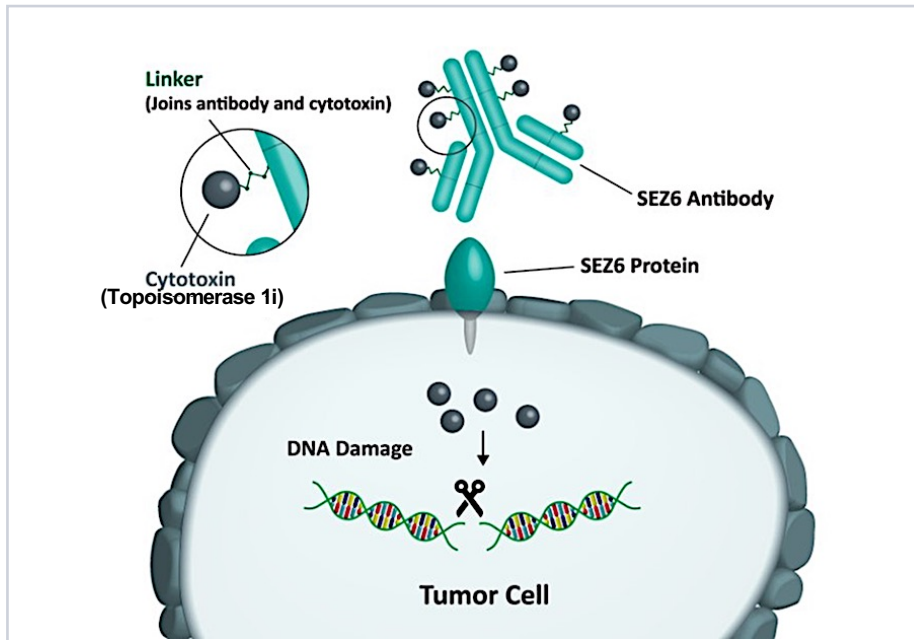
- High response rate observed in patients with brain metastasis at baseline
 - Including 8/10 (80%) ORR for patients without prior brain radiotherapy
- Higher response rate for less heavily treated patients; retained activity after DLL3-targeted therapy
 - 40% ORR (1 CR, 3 PR) in 10 with prior DLL3-targeted T-cell engagers
 - 43% ORR (1 CR, 2 PR) in 7 with prior tarlatamab
- Activity observed at both ongoing dose expansion levels
- Estimated median DoR: 6.1 mo. (48/102 confirmed responders)

Data cut-off: September 15, 2025. CR: Complete Response; DoR = duration of response; mo.: months; PR: partial response; uPR: partial response observed, and follow-up is ongoing in this patient (response to be confirmed); Best ORR: confirmed overall response rate (ORR: CR + PR) + uPR for patients ongoing; SD: Stable Disease

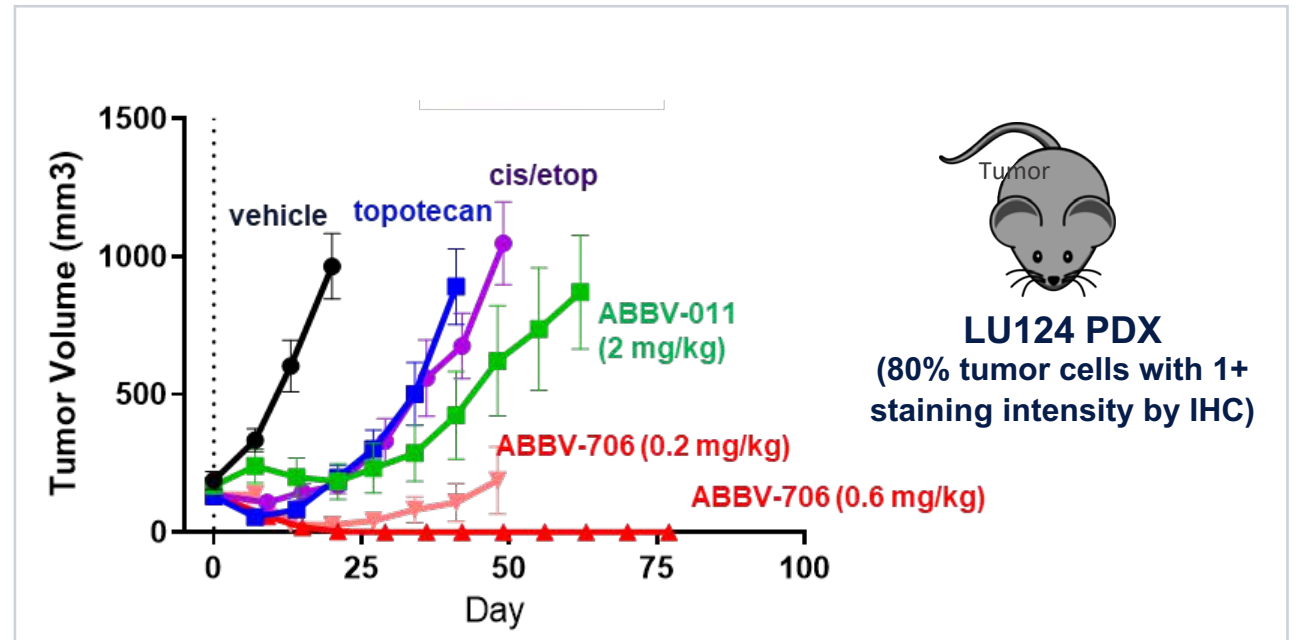
ABBV-706: SEZ6-targeting ADC

- SEZ6-targeting antibody, conjugated to a topoisomerase 1 inhibitor (Top1i) payload with sub-nM cytotoxic activity
- Drug-to-antibody ratio of 6 with stable attachment via a valine-alanine cathepsin cleavable linker
- Tumor-targeted delivery of Top1i¹ with potential for bystander killing of neighboring cancer cells
- Superior antitumor activity vs chemotherapy and ABBV-011, in a SEZ6-expressing SCLC murine model


ABBV-706 Mechanism of Action



ABBV-706 Preclinical Activity – SCLC (SEZ6+) PDX




ABBV-706 SEZ6 Antibody-Drug Conjugate (ADC) in Relapsed/Recurrent SCLC Patients



Efficacy in patients with R/R SCLC

Outcome	1.8 mg/kg (n = 41)	2.5 mg/kg (n = 39)
ORR,* %	56.1	59.0
1 prior LOT	81.3	71.4
Top1i naïve	62.1	64.3
Brain metastasis	62.5	50.0
Median DOR,† mo [95% CI]	6.2 [4.2, NE]	4.4 [3.5, 6.9]
PFS, mo [95% CI]	6.8 [4.0, 8.2]	5.6 [4.4, 7.0]

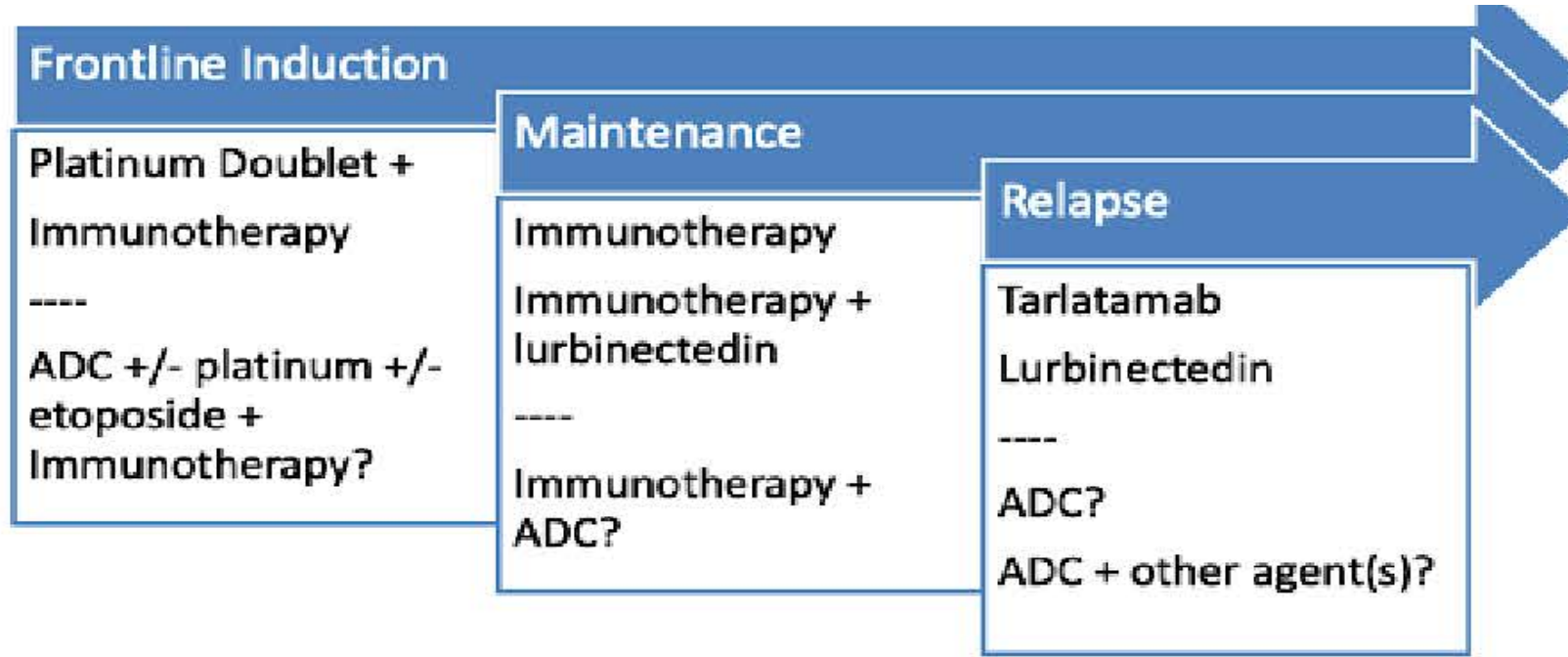


Safety in patients with R/R SCLC

TRAE	1.8 mg/kg (n = 41)	2.5 mg/kg (n = 39)
Any-grade TRAE, %	85	95
Anemia	51	74
Fatigue	34	39
Grade ≥3 TRAE, %	49	77
Anemia	39	62
Neutrophils Decreased	17	31
TRAEs leading to dose discontinuation, %	9 (of all patients)	
Adjudicated ILD rate, %	9 (of all patients)	

- The SEZanne ph2 trial (NCT07155174) randomizes 1L SCLC patients to ADC+ immunotherapy (**platinum free**) vs platinum doublet/immunotherapy!

ADCs in SCLC: Future Questions



- Will ADCs be approved in the near future in $\geq 2L$ (likely)?
- What is the role of ADCs in 1L or maintenance therapy replacing or in combination with current SOC?
- What are mechanisms of resistance to ADCs?
- What is the ideal sequencing of therapies?

Second Opinion



Ticiana Leal, MD



Neil Love, MD

Discussion Questions

Given available research findings and your own clinical experience, would you like to have access to I-DXd today? If so, where would you likely sequence this agent?

Given its availability for breast cancer, are there any circumstances in which you would attempt to access sacituzumab govitecan for a patient with SCLC today? Are you optimistic that we will be using this agent soon for SCLC?

Discussion Questions (Continued)

How is I-DXd tolerated relative to other ADCs that are used in lung cancer (eg, trastuzumab deruxtecan, datopotamab deruxtecan)? Is the risk of ILD increased in patients with SCLC given that many of them have a smoking history and significant pulmonary comorbidities? If I-DXd were available today, how would you approach monitoring for ILD to ensure safe delivery?

If multiple ADCs eventually reach the clinic, how do you envision sequencing them? Given that both I-DXd and sacituzumab govitecan have topoisomerase I payloads, will you be comfortable employing both of them for the same patient?

Second Opinion



Charu Aggarwal, MD



Neil Love, MD

Discussion Questions

What would you recommend next for this patient?

How do you generally approach treatment for patients with EGFR-mutated NSCLC who experience transformation to SCLC? Do you still treat the EGFR component?

When EGFR-mutated NSCLC transforms to SCLC, does it become more responsive to immunotherapy? Have other commonly employed SCLC treatments been evaluated specifically for patients with SCLC transformation? Are any of them particularly effective?

Agenda

Module 1: Optimizing First-Line and Maintenance Therapy for Extensive-Stage Small Cell Lung Cancer (SCLC) — Dr Shields

Module 2: Management of Relapsed/Refractory SCLC — Dr Paz-Ares

Module 3: Ongoing Investigation and Potential Role of Antibody-Drug Conjugates in SCLC — Dr Chiang

Module 4: Management of Limited-Stage SCLC — Dr Ganti

Management of Limited Stage Small Cell Lung Cancer

Apar Kishor Ganti, MD, MS, FACP
Professor of Medicine
VA Nebraska Western Iowa Health Care System
Division of Oncology-Hematology
University of Nebraska Medical Center



**University of Nebraska
Medical Center**

Introduction

- Neuroendocrine tumor
- ~15% of lung cancer
- M:F = 1:1
 - Incidence decreasing overall, but increasing in women
 - Proportion of women: 28% in 1973, 50% in 2002
- 5th leading cause of US cancer deaths
 - ~34,000 new cases per year



- Almost exclusively in those with smoking history
 - High burden in veteran populations
 - Never-smokers:
 - 2.9% of lung cancer in women
 - 0% of lung cancer in men
- Highly responsive to chemotherapy and radiotherapy, but relapses common
- 5-yr survival – 3-8% of all patients; 10-13% in patients with limited disease



Staging

- Staging workup
 - CT chest/abdomen/pelvis
 - Brain MRI
 - PET scan to rule out distant metastases

TNM Staging	VA Staging	Incidence (%)
T1-T2, N0, M0 (stage I)	Limited stage	~ 5
T any, N any, M0 (stage I-III)	Limited stage; disease burden contained within radiation field	~ 30
T any, N any, M1 (stage IV)	Extensive stage; disease burden beyond radiation field	~ 65



Treatment

- Limited stage (Goal = CURE)
 - Combination chemotherapy + TRT
 - Chemotherapy - platinum + etoposide
 - TRT moderately improves survival in patients with LS-SCLC treated with combination chemotherapy

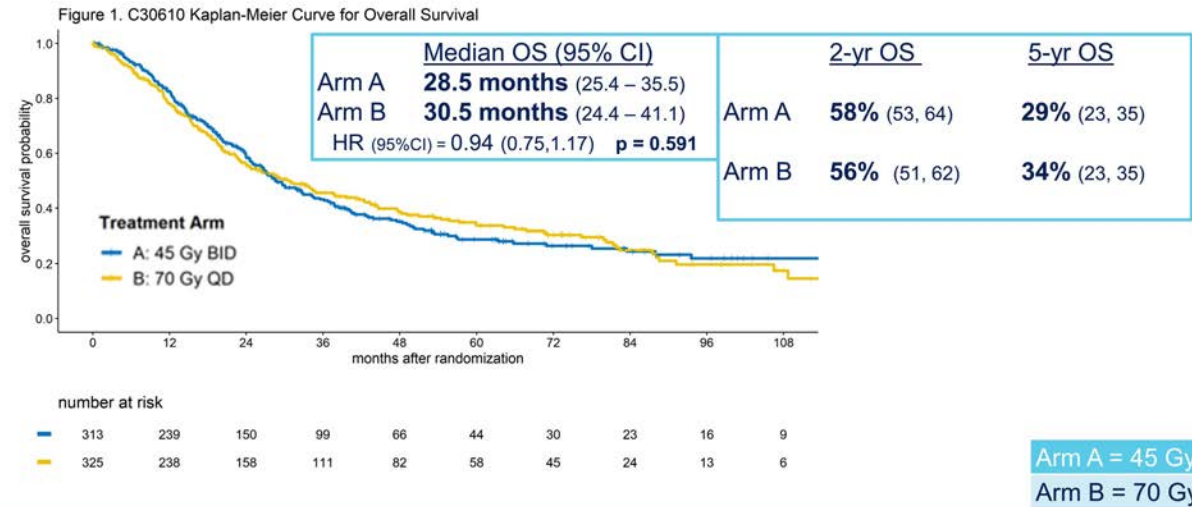


Radiation in SCLC - CALGB 30610

- 638 patients with LS-SCLC; PS - 0-2.
- 1:1:1 randomization to 45 Gy BID over 3 weeks, 70 Gy QD over 7 weeks, 61.2 Gy concomitant boost (CB) over 5 weeks.
- TRT - starting with 1st or 2nd (of 4 total) chemotherapy cycles.
- Primary endpoint - OS

Overall Survival

Median follow-up = 4 years



Presented By: Jeffrey A. Bogart Upstate Medical University

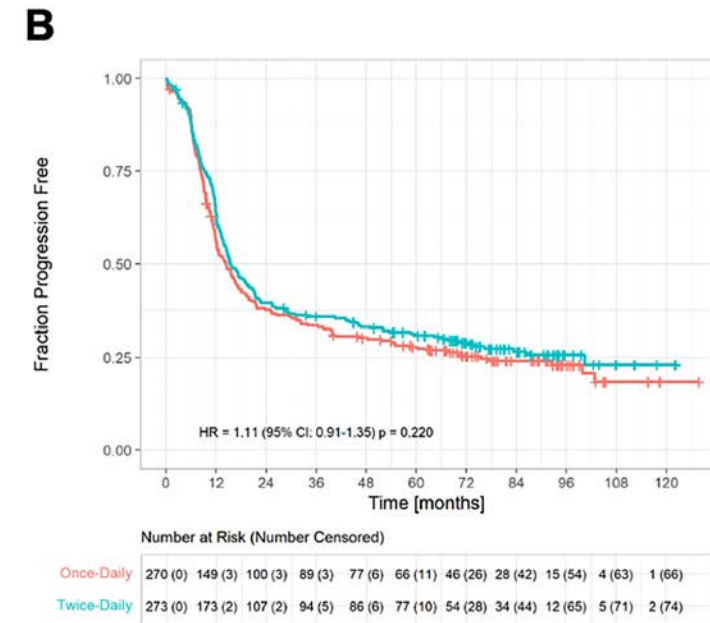
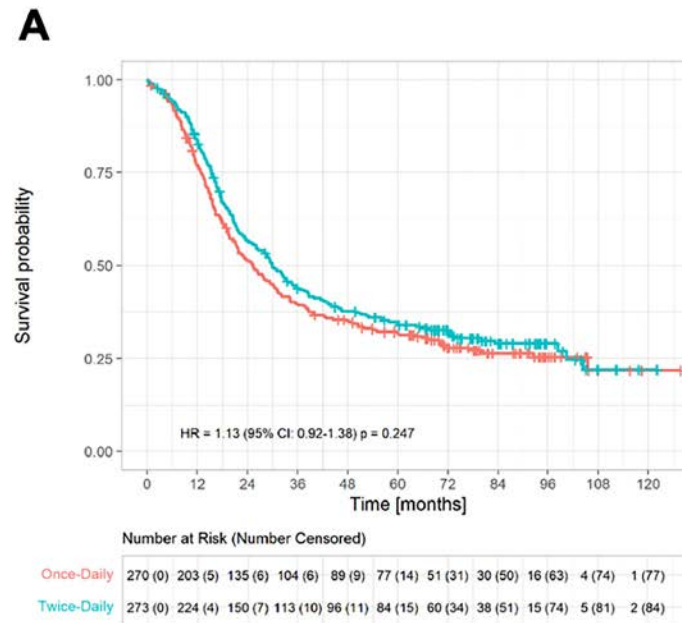
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2021 ASCO ANNUAL MEETING



Radiation in SCLC - CONVERT

- 547 patients with LS-SCLC; PS - 0-1.
- 1:1 randomization to 45 Gy BID over 3 weeks or 66 Gy QD over 6.5 weeks starting C1, D22.
- 4-6 cycles of cisplatin-etoposide
- Primary endpoint - OS



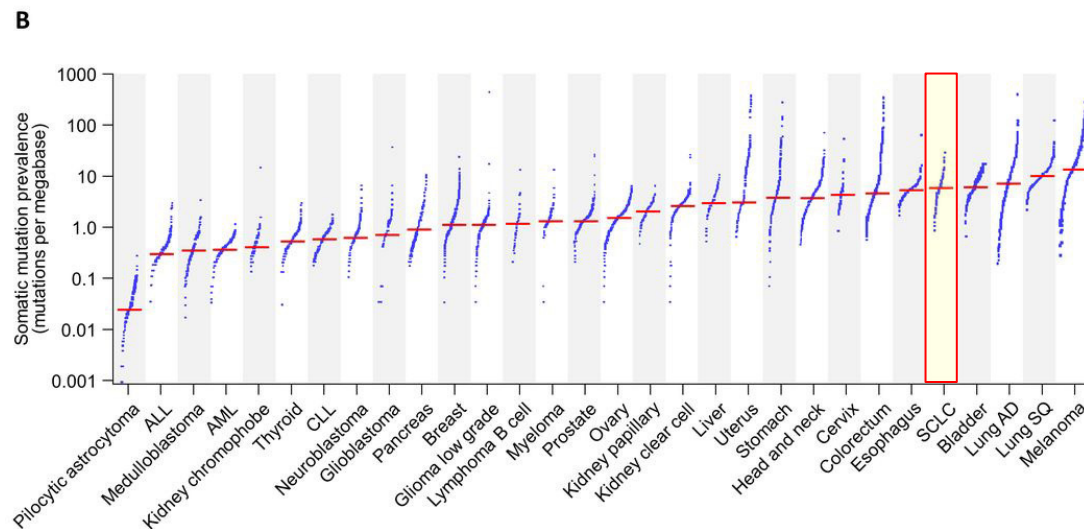
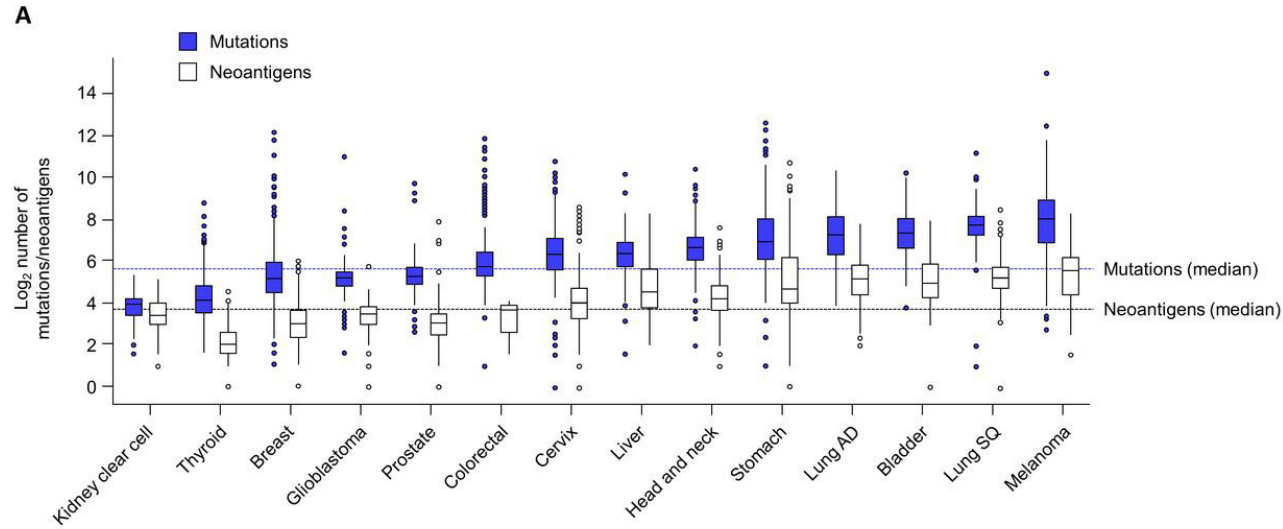
Median OS –

- QD: 25.4 months (95% CI, 21.1-30.9)
- BID: 30.0 months (95% CI, 25.3-36.5)



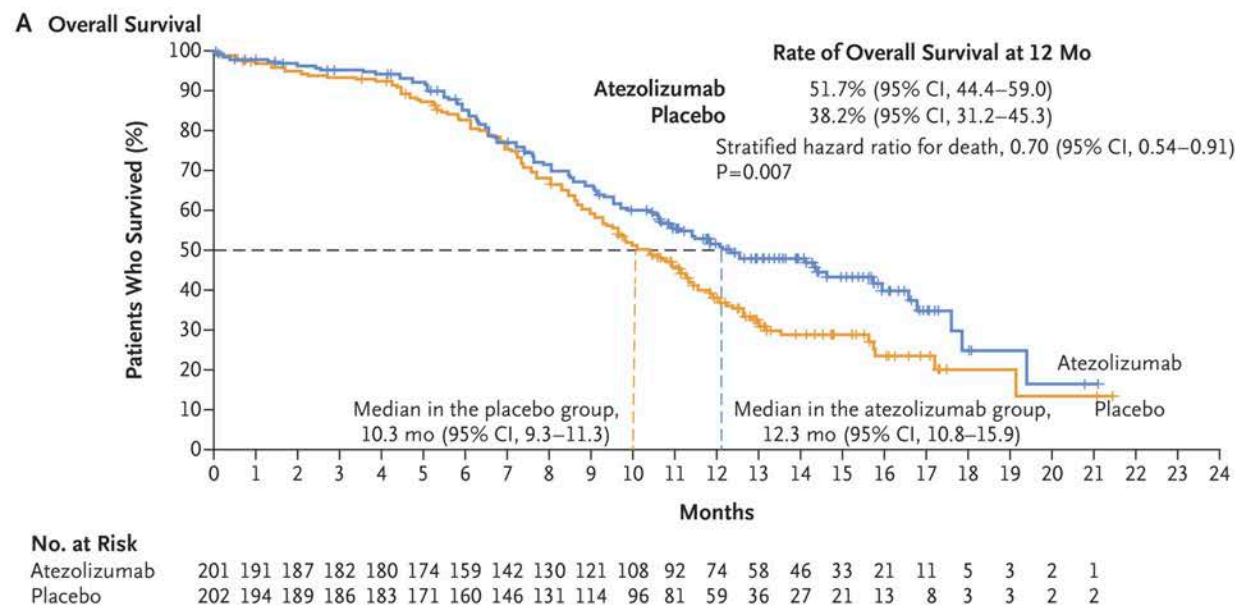
Rationale for IO

High Tumor Mutation Burden

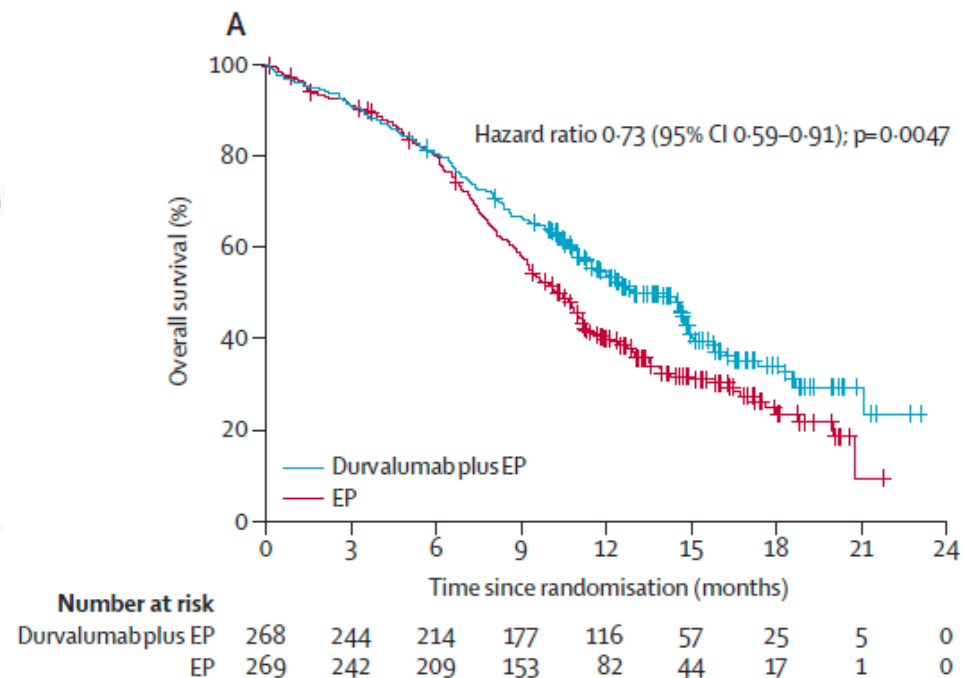


Treatment – ES-SCLC

- Two trials: IMpower133 and CASPIAN



Carboplatin+ etoposide+ atezolizumab



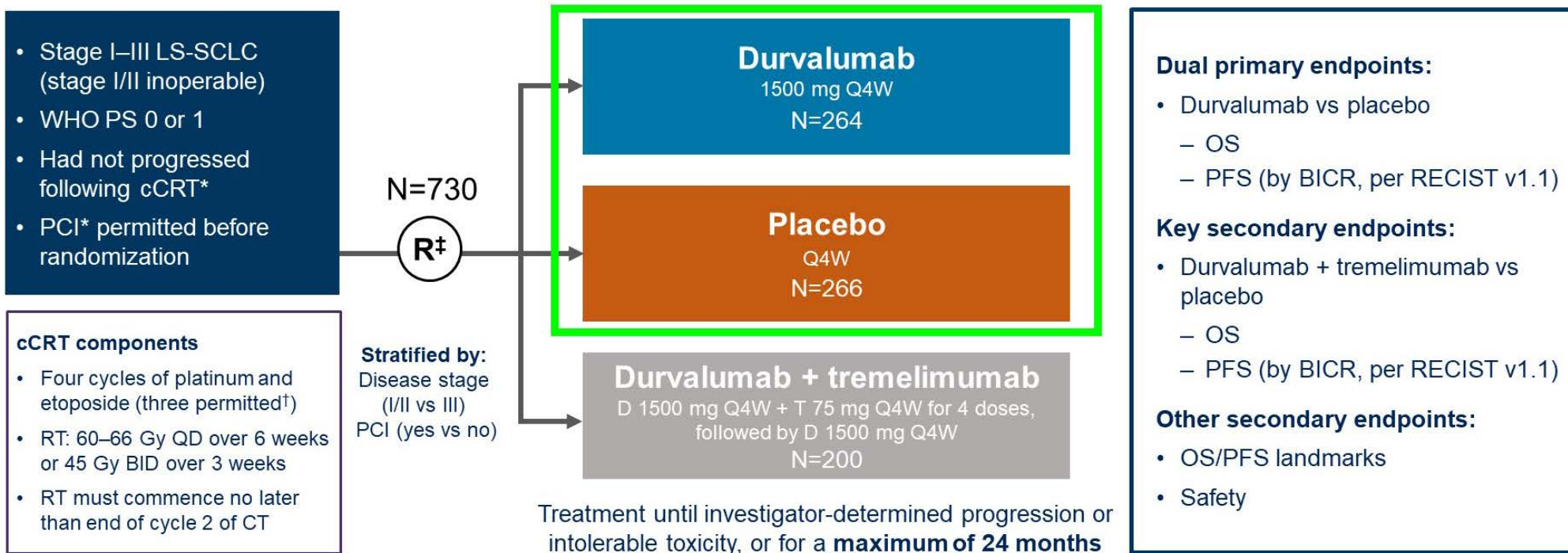
Platinum+ etoposide+ durvalumab



LS-SCLC - ADRIATIC

ADRIATIC study design

Phase 3, randomized, double-blind, placebo-controlled, multicenter, international study (NCT03703297)



*cCRT and PCI treatment, if received per local standard of care, must have been completed within 1-42 days prior to randomization.

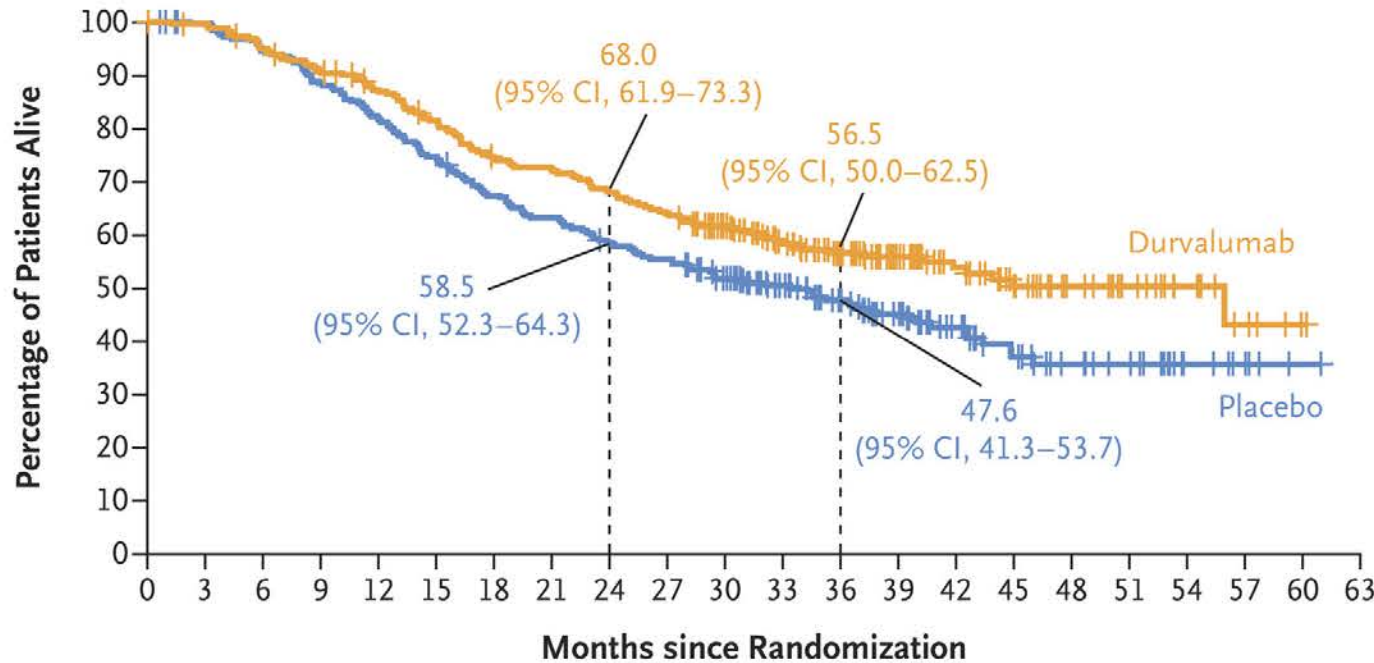
†If disease control was achieved and no additional benefit was expected with an additional cycle of chemotherapy, in the opinion of the investigator.

‡The first 600 patients were randomized in a 1:1:1 ratio to the 3 treatment arms; subsequent patients were randomized 1:1 to either durvalumab or placebo.



ADRIATIC – Efficacy Results

Overall Survival



	No. of Deaths/ Total No. (%)	Median Overall Survival (95% CI) mo
Durvalumab	115/264 (43.6)	55.9 (37.3–NR)
Placebo	146/266 (54.9)	33.4 (25.5–39.9)
Stratified hazard ratio for death, 0.73 (98.321% CI, 0.54–0.98) P=0.01		

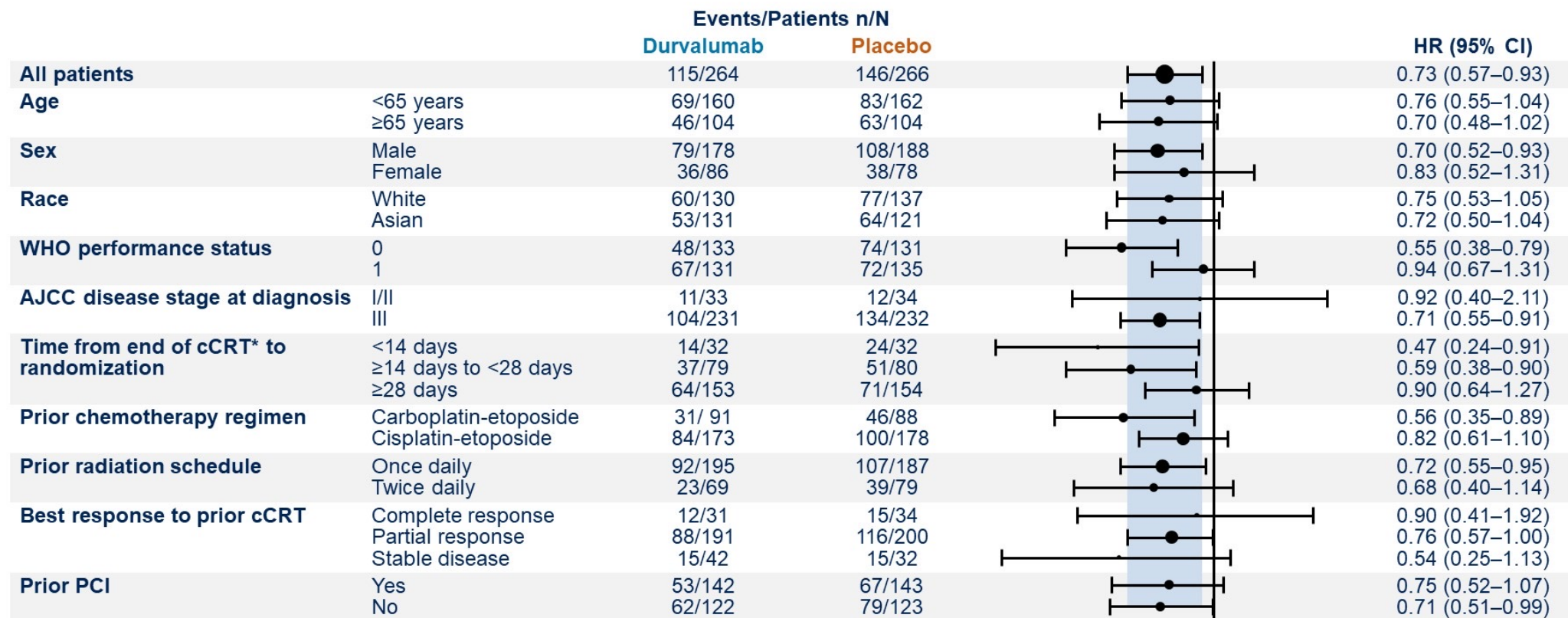
No. at Risk

Durvalumab	264	261	248	236	223	207	189	183	172	162	141	110	90	68	51	39	27	19	11	5	1	0
Placebo	266	260	247	231	214	195	175	164	151	143	123	97	80	62	44	31	23	19	8	5	1	0



ADRIATIC – Efficacy Results

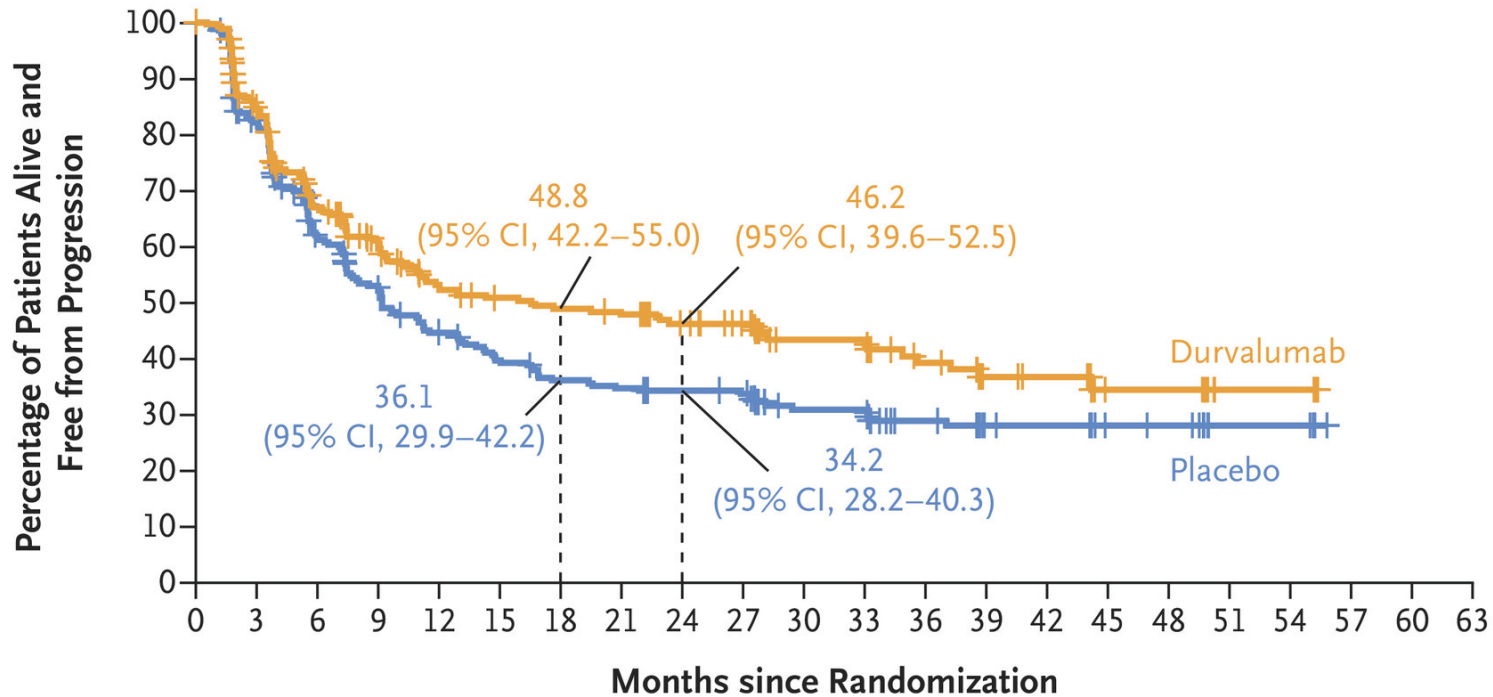
OS subgroup analysis



*End of chemotherapy or radiotherapy, whichever was latest.
 Intention-to-treat analysis stratified, subgroup analyses unstratified. Not all prespecified subgroups are included in the plot.
 Size of circle is proportional to number of events across both arms.

ADRIATIC – Efficacy Results

Progression-free Survival



	No. of Events/ Total No. (%)	Median Progression- free Survival (95% CI) <i>mo</i>
Durvalumab	139/264 (52.7)	16.6 (10.2–28.2)
Placebo	169/266 (63.5)	9.2 (7.4–12.9)

Stratified hazard ratio for disease progression or death, 0.76
(99.816% CI, 0.53–1.08)
(97.195% CI, 0.59–0.98)
P=0.02

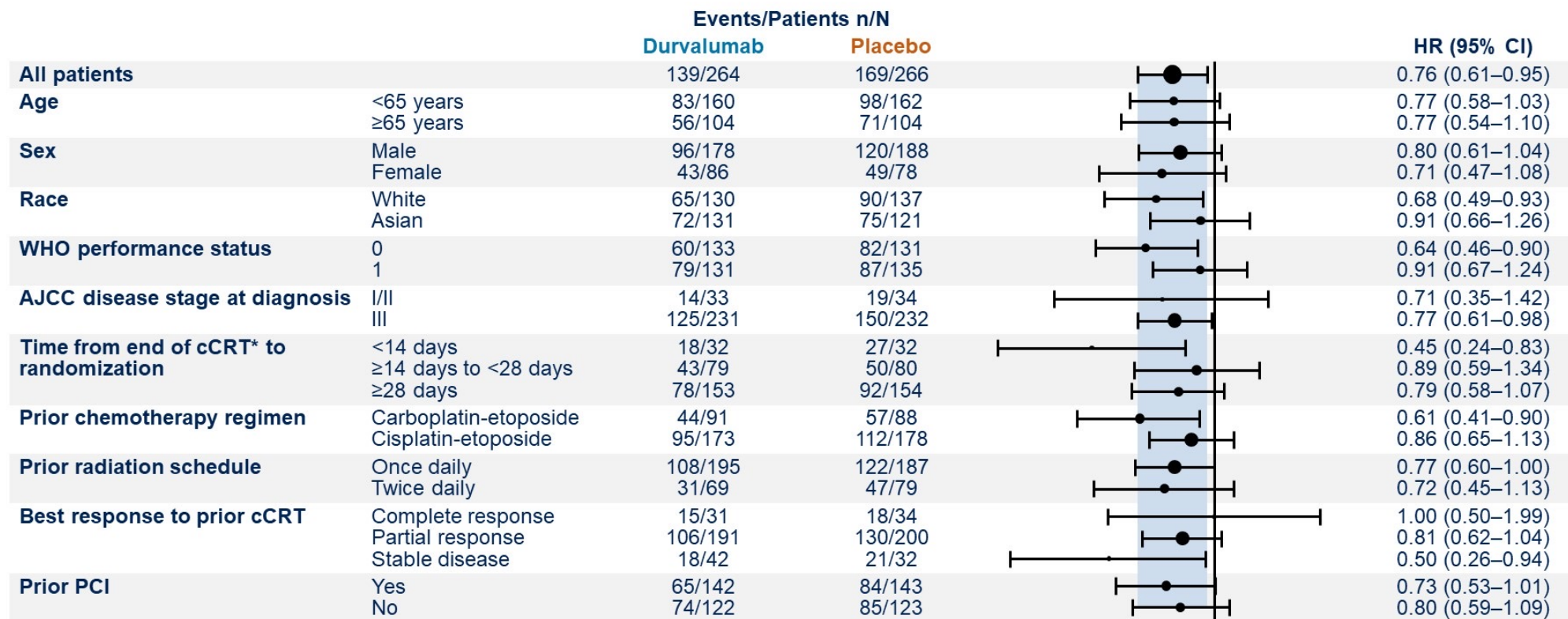
No. at Risk

Durvalumab	264	212	161	135	113	105	101	98	84	78	51	51	33	21	19	10	10	4	4	0	0	0
Placebo	266	208	146	122	100	88	79	76	71	69	47	47	34	23	22	15	14	5	5	0	0	0



ADRIATIC – Efficacy Results

PFS subgroup analysis



*End of chemotherapy or radiotherapy, whichever was latest.
 Intention-to-treat analysis stratified, subgroup analyses unstratified. Not all prespecified subgroups are included in the plot.
 Size of circle is proportional to number of events across both arms.

ADRIATIC – Safety Results

- Grade 3-4 AEs: Durvalumab - 24.4%; placebo – 24.2%
- Pneumonitis or Radiation pneumonitis: Durvalumab – 38.2% (grade 3-4 – 3.1%); placebo – 30.2% (grade 3-4 – 2.6%)
- AE resulting in drug discontinuation: durvalumab - 11.5%; placebo - 5.7%
- IRAE: durvalumab - 32.1%; placebo - 10.2%
 - Hypothyroid events: 13.7% vs. 3.4%
 - Pneumonitis: 11.8% vs. 3.0%



ADRIATIC – Unmet needs

- Role of durvalumab after sequential chemotherapy and radiation
- Efficacy in PS 2 patients



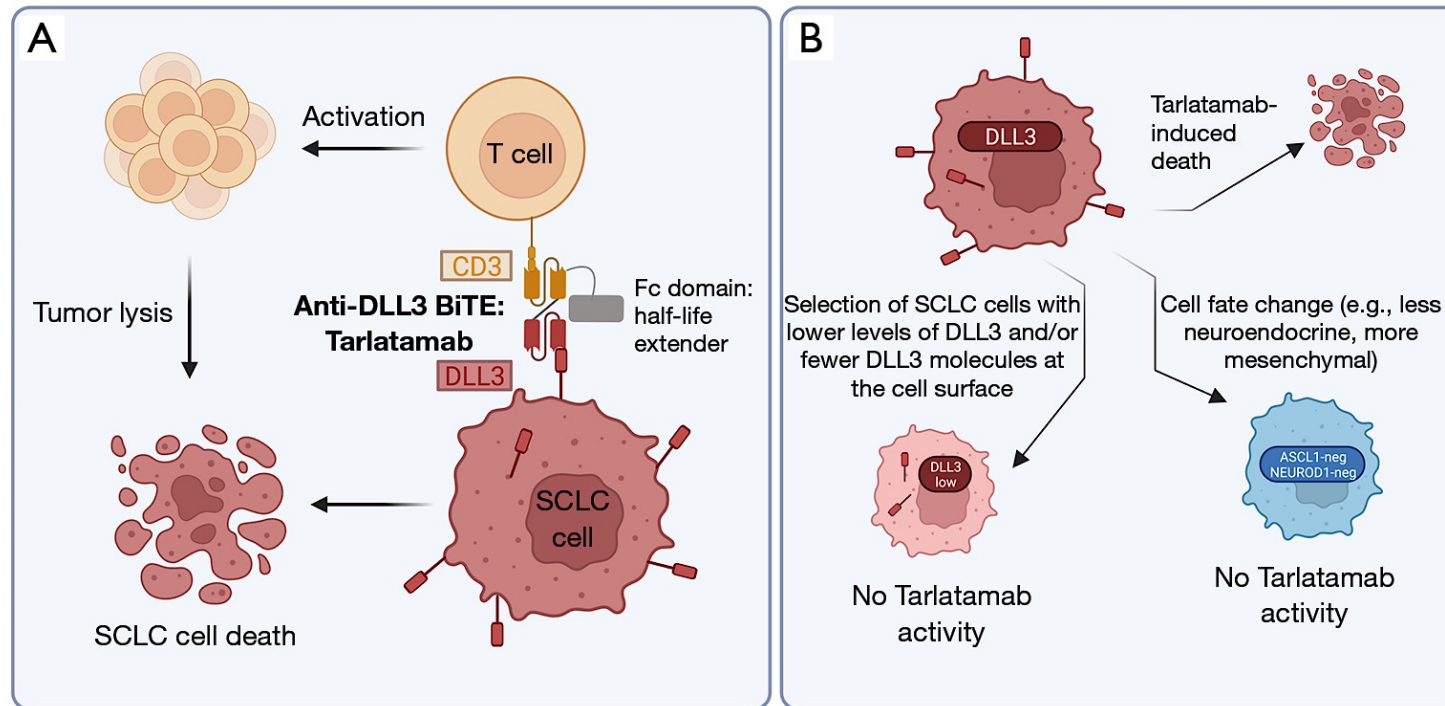
ALBORAN study

- IIIB study in Spain (NCT06992609)
- To assess the safety and effectiveness of durvalumab in real world like LS-SCLC population
- Key eligibility criteria
 - Inclusion criteria
 - LS-SCLC patients with ECOG **0-2**
 - **Concurrent or sequential** chemoradiation with platinum-etoposide and either QD or BID XRT without progression
 - Adequate organ function
 - Exclusion criteria
 - Mixed SCLC and NSCLC
 - Grade ≥ 2 pneumonitis
 - H/O allogeneic organ transplantation or autoimmune/inflammatory disorders



Tarlatamab

- Notch ligand delta-like ligand 3 (DLL3) - aberrantly expressed on surface of SCLC cells
- Tarlatamab - bispecific T cell engager binds DLL3 and CD3 - T cell-mediated tumor lysis



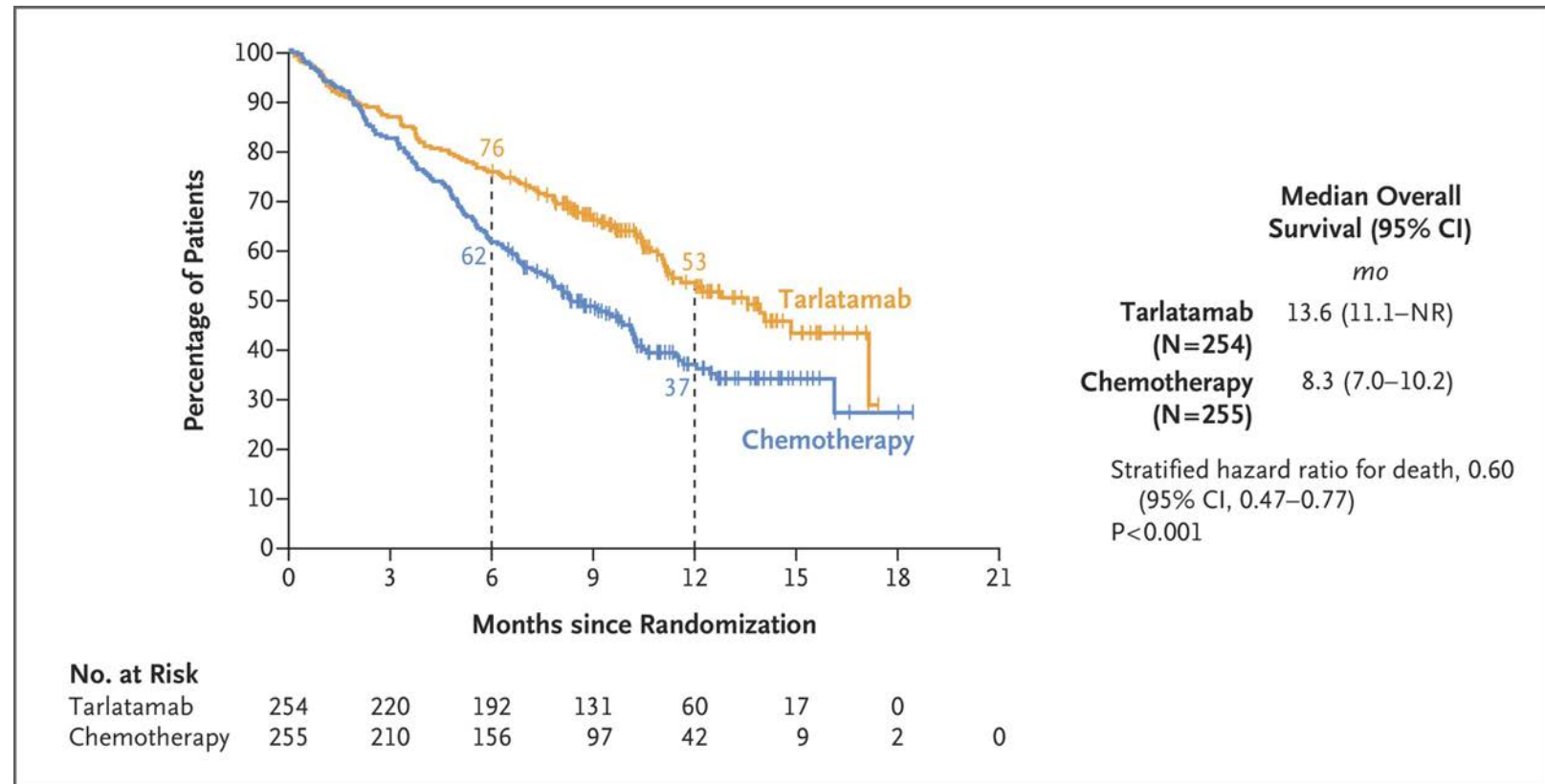
Sabari JK. *Nat Rev Clin Oncol*. 2017;14:549-561.
Saunders LR. *Sci Transl Med*. 2015;7:302ra136.
Apaydin AA. *Transl Lung Cancer Res*. 2023 May 31;12(5):948-952.

Leonetti A. *Cell Oncol (Dordr)*. 2019;42:261-273.
Giffin MJ. *Clin Cancer Res*. 2021;27:1526-1537.



Tarlatamab – DeLLphi-304

- Randomized phase 3 study
- Tarlatamab vs. Chemotherapy (topotecan, lurbinectedin, amrubicin)



DeLLphi-306

- Phase 3 (NCT06117774) randomized, double-blind, placebo-controlled study evaluating tarlatamab as consolidation therapy for patients with LS-SCLC
- Sample size - 400
- Primary objective: PFS based on BICR; OS.
- Key Secondary endpoints:
 - Investigator assessed PFS
 - CR rate
 - Time to progression
 - TEAE
- Intervention:
 - Tarlatamab or placebo on Cycle 1 Day 1, 8 and 15; then every 2 weeks



DeLLphi-306

- Key Eligibility Criteria

- Inclusion Criteria

- Diagnosed and treated for LS-SCLC with concurrent chemoradiotherapy.
 - No evidence of progression per RECIST 1.1.
 - Performance Status (PS) of 0 or 1.
 - Minimum life expectancy of 12 weeks.
 - Adequate organ function.
 - Toxicities attributed to concurrent chemoradiotherapy resolved to grade \leq 1

- Exclusion Criteria

- Transformed non-small-cell lung cancer (NSCLC) or mixed SCLC NSCLC histology.
 - Interstitial lung disease or active, non-infectious pneumonitis
 - History of other malignancy within the past 2 years, with certain exceptions.
 - History of solid organ transplantation.
 - AMI and/or symptomatic CHF (NYHA > class II) within 6 months
 - Arterial thrombosis within 6 months.
 - HIV and hepatitis infection
 - Sequential chemotherapy and thoracic radiotherapy
 - Prior therapy with any selective DLL3 inhibitor



Conclusions

- Limited disease – concurrent chemoradiation followed by maintenance durvalumab is the current SOC
- Tarlatamab – ongoing studies in this area



Second Opinion



Ticiana Leal, MD



Neil Love, MD

Discussion Questions

What would you recommend for this patient?

How do you think through treatment for patients with SCLC and well-compensated paraneoplastic syndromes? Are you comfortable using immunotherapy for these patients given that they were excluded from many of the pivotal trials?

What recommendations were recently added to the NCCN guidelines for SCLC specifically related to the diagnosis and management of LEMS, and what are their implications for routine patient care?

Second Opinion



Charu Aggarwal, MD



Neil Love, MD

Discussion Questions

What would you have recommended for this patient with localized SCLC that's been resected? Do you offer patients in this situation adjuvant immunotherapy, and if so, for how long? Do you offer them radiation therapy in the absence of high-risk features?

For patients with more typical presentations of LS-SCLC, how do you decide whether to add an immune checkpoint inhibitor after CRT? Are you doing this in all or most cases? When, if ever, would you not?

Second Opinion: Investigators Provide Perspectives on the Current and Future Management of Small Cell Lung Cancer

Saturday, May 30, 2026

7:00 PM – 9:00 PM CT (8:00 PM – 10:00 PM ET)

Faculty

Anne Chiang, MD, PhD

Apar Kishor Ganti, MD, MS

Luis Paz-Ares, MD, PhD

Moderator

Misty Dawn Shields, MD, PhD

Consensus or Controversy? Documenting and Discussing Investigators' Approaches to the Use of Oral SERDs and Agents Targeting the PI3K/AKT/mTOR Pathway in Breast Cancer

A CME Symposium Held Adjunct with the 2026 ASCO® Annual Meeting

Sunday, May 31, 2026

7:00 PM – 9:00 PM CT (8:00 PM – 10:00 PM ET)

Faculty

Sara A Hurvitz, MD, FACP

Erica Mayer, MD, MPH, FASCO

Joyce O'Shaughnessy, MD

Nicholas Turner, MD, PhD

Moderator

Sara M Tolaney, MD, MPH

What Clinicians Want to Know: Addressing Community Oncologists' Questions About the Current and Future Management of Endometrial Cancer

A CME Symposium Held Adjunct with the 2026 ASCO® Annual Meeting

Sunday, May 31, 2026

7:00 PM – 8:30 PM CT (8:00 PM – 9:30 PM ET)

Faculty

Floor J Backes, MD

Brian M Slomovitz, MD

Moderator

Shannon N Westin, MD, MPH, FASCO, FACOG

**What Clinicians Want to Know: Addressing Community
Oncologists' Questions About the Roles of CAR T-Cell Therapy and
Bispecific Antibodies in the Management of Non-Hodgkin Lymphoma**

A CME Symposium Held Adjunct with the 2026 ASCO® Annual Meeting

Sunday, May 31, 2026

7:00 PM – 9:00 PM CT (8:00 PM – 10:00 PM ET)

Faculty

Joshua Brody, MD

Manali Kamdar, MD, MBBS

Tysel Phillips, MD, FASCO

Jason Westin, MD, MS, FACP, FASCO

Moderator

Jeremy S Abramson, MD, MMSc

**Thank you for joining us!
Your feedback is very important to us.**

Please complete the survey currently up on the iPads for attendees in the room and on Zoom for those attending virtually. The survey will remain open up to 5 minutes after the meeting ends.

How to Obtain CME Credit

In-person attendees: Please refer to the program syllabus for the CME credit link or QR code. Online/Zoom attendees: The CME credit link is posted in the chat room.