



# **Carcinoma Gastrico Metastatico**

## **Impatto di ASCO23 sul *continuum* of care**

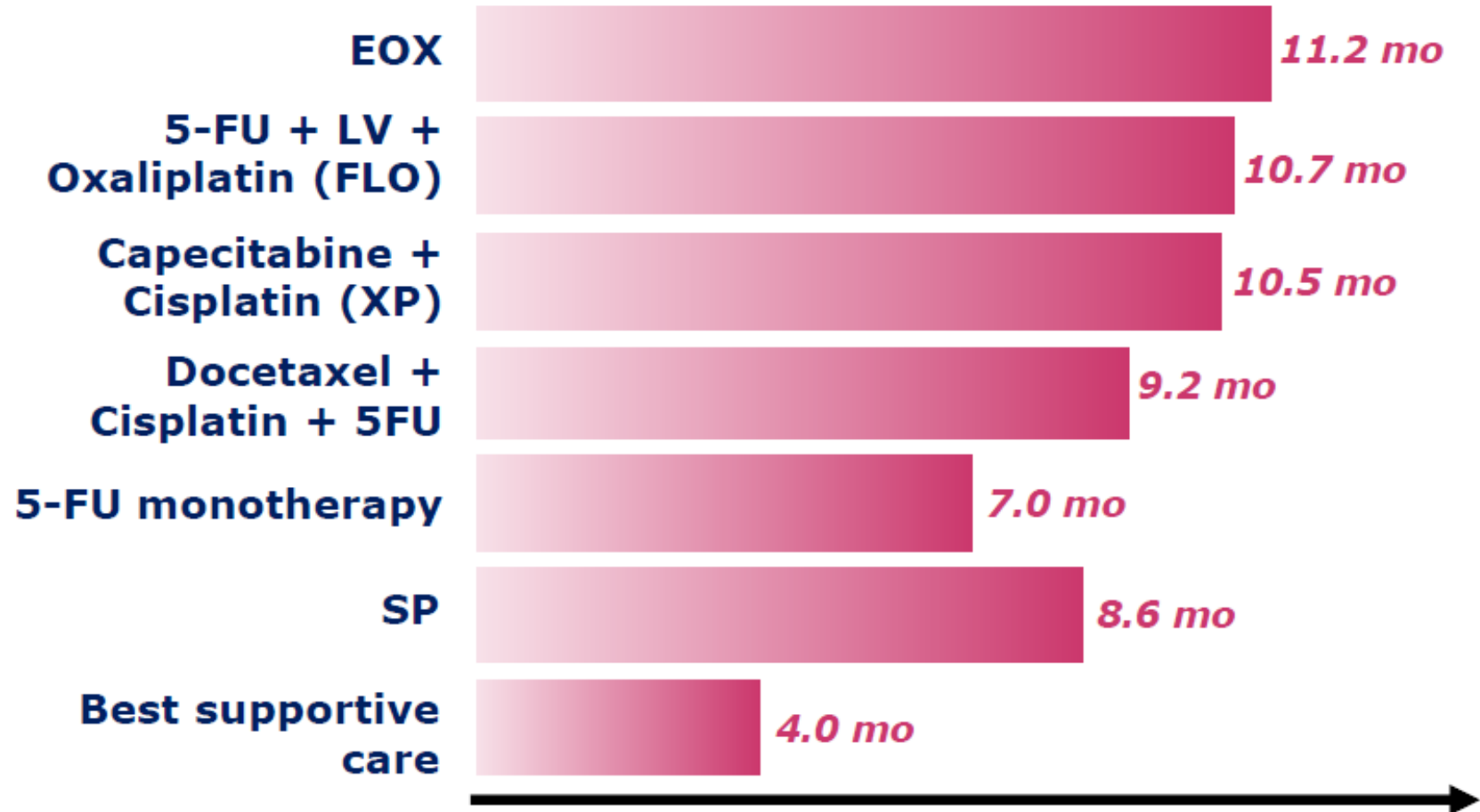
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**Azienda Ospedaliero Universitaria di Cagliari**

# Advisory board, speakers' bureau, investigator's grant





## I LINEA per Malattia METASTATICA



# MALATTIA AVANZATA: I LINEA - HER2+

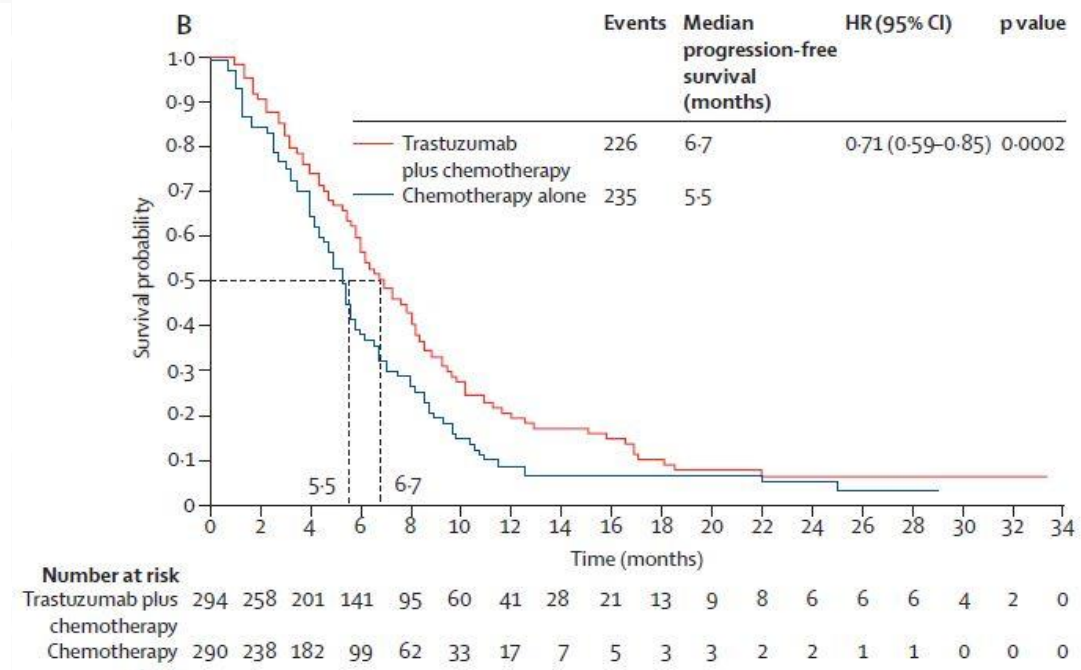
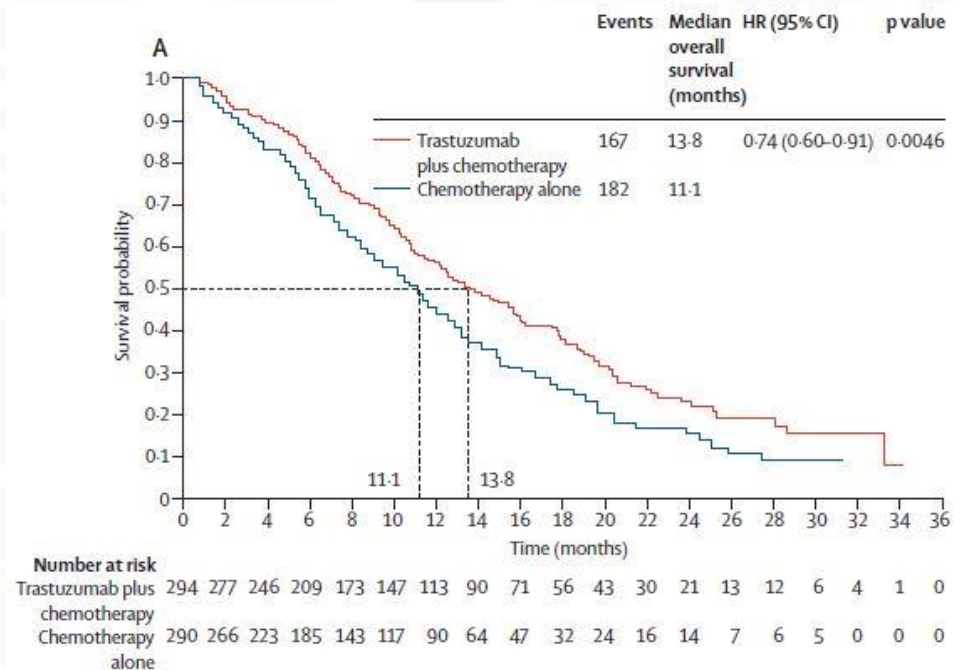


ARTICLES | VOLUME 376, ISSUE 9742, P687-697, AUGUST 28, 2010

Trastuzumab in combination with chemotherapy versus chemotherapy alone for treatment of HER2-positive advanced gastric or gastro-oesophageal junction cancer (ToGA): a phase 3, open-label, randomised controlled trial

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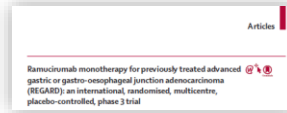




# LA TERAPIA DI II LINEA: RUOLO DEL RAMUCIRUMAB

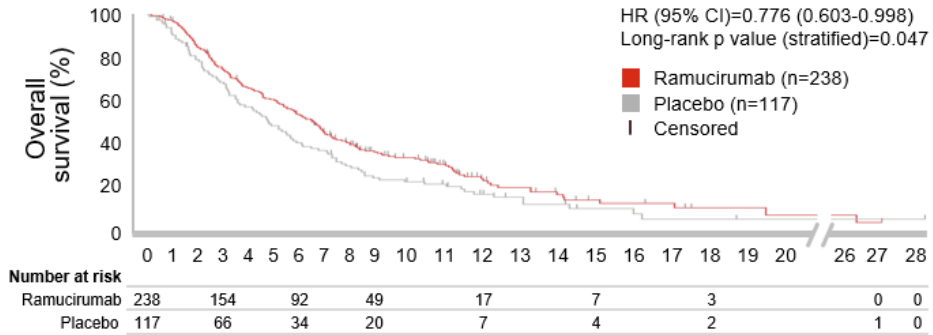


## REGARD trials

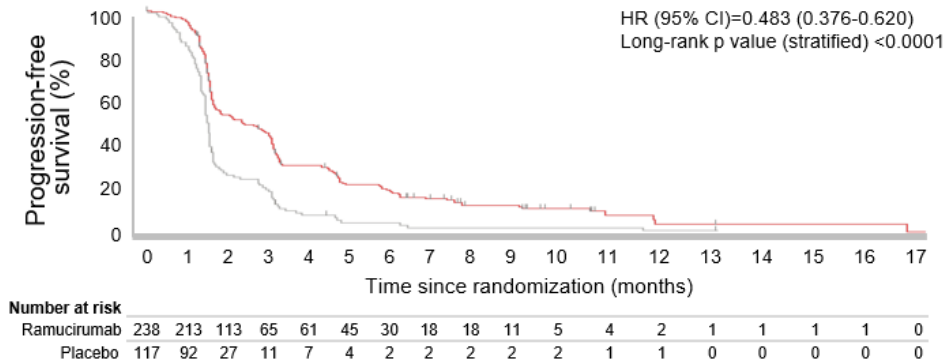


mOS:  
5.2 months vs 3.8 months

### Overall Survival

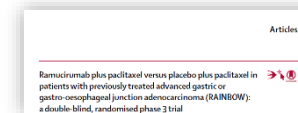


### Progression Free Survival



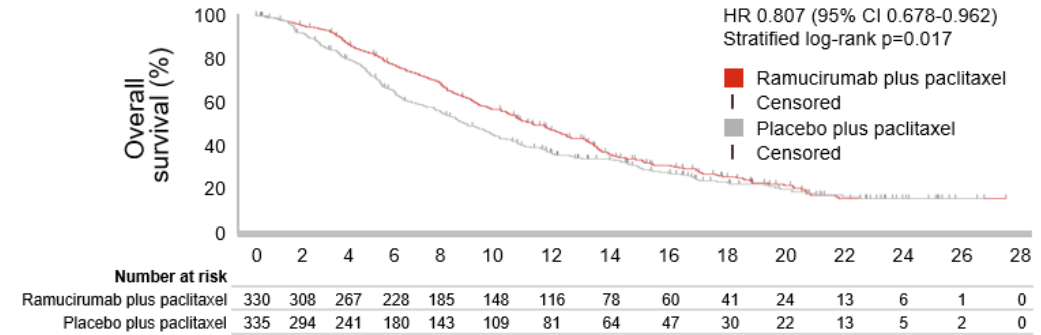
\*Statistically significant

## RAINBOW trials

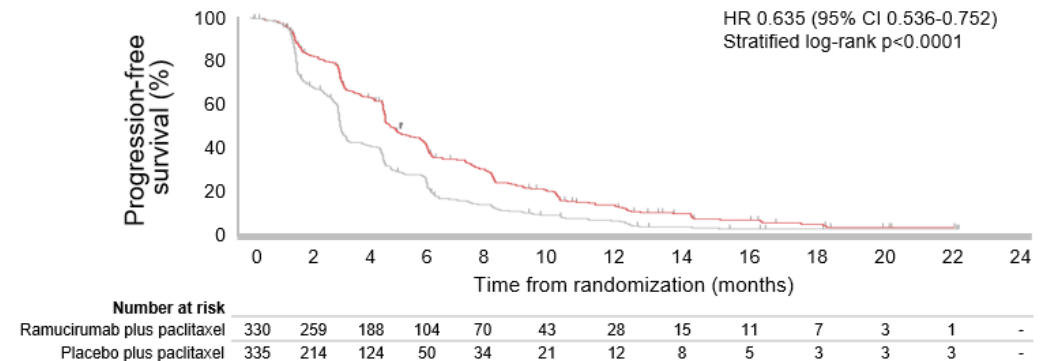


mOS:  
9.6 months vs 7.4 months

### Overall Survival



### Progression Free Survival





# TAGS: Phase 3 Trial of TAS-102 in advanced GC

## Patients with mGC (including GEJ cancer)

- ≥2 prior regimens:
  - Fluoropyrimidine
  - Platinum
  - Taxane and/or irinotecan
  - HER2 inhibitor, if available, for HER2+ disease
  - Refractory to/intolerant of last prior therapy
- ECOG PS of 0 or 1
- Age ≥18 y (≥20 y in Japan)
- Target sample size: 500**

R  
2:1

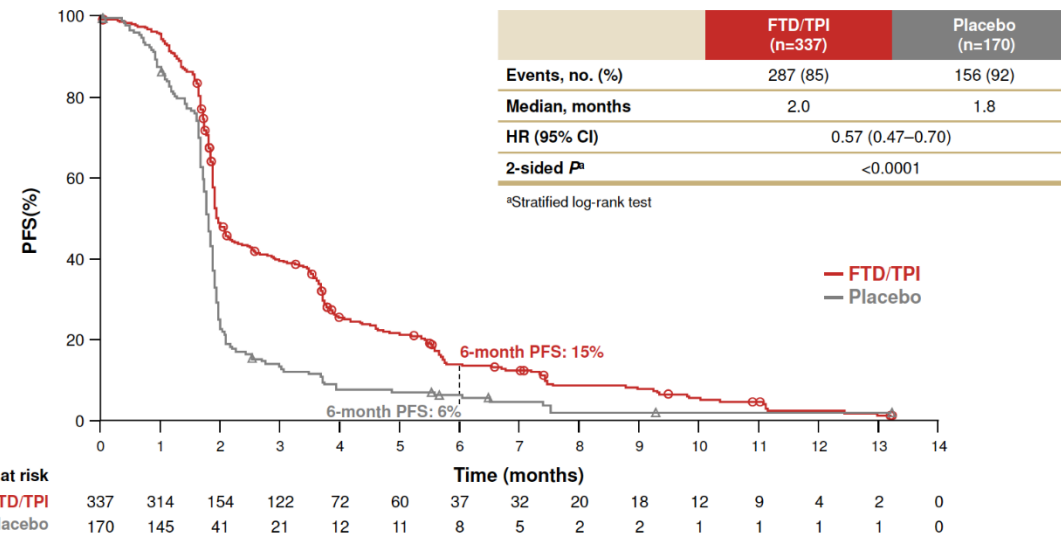
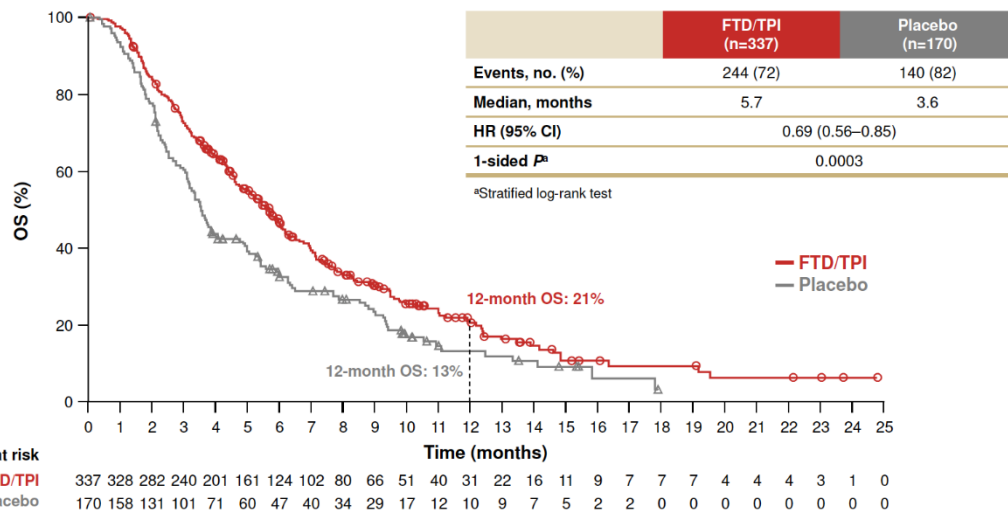
**FTD/TPI (TAS-102) + BSC (n=337)**  
35 mg/m<sup>2</sup> BID orally on days 1–5 and 8–12 of each 28-day cycle

**Placebo + BSC (n=170)**  
BID orally on days 1–5 and 8–12 of each 28-day cycle

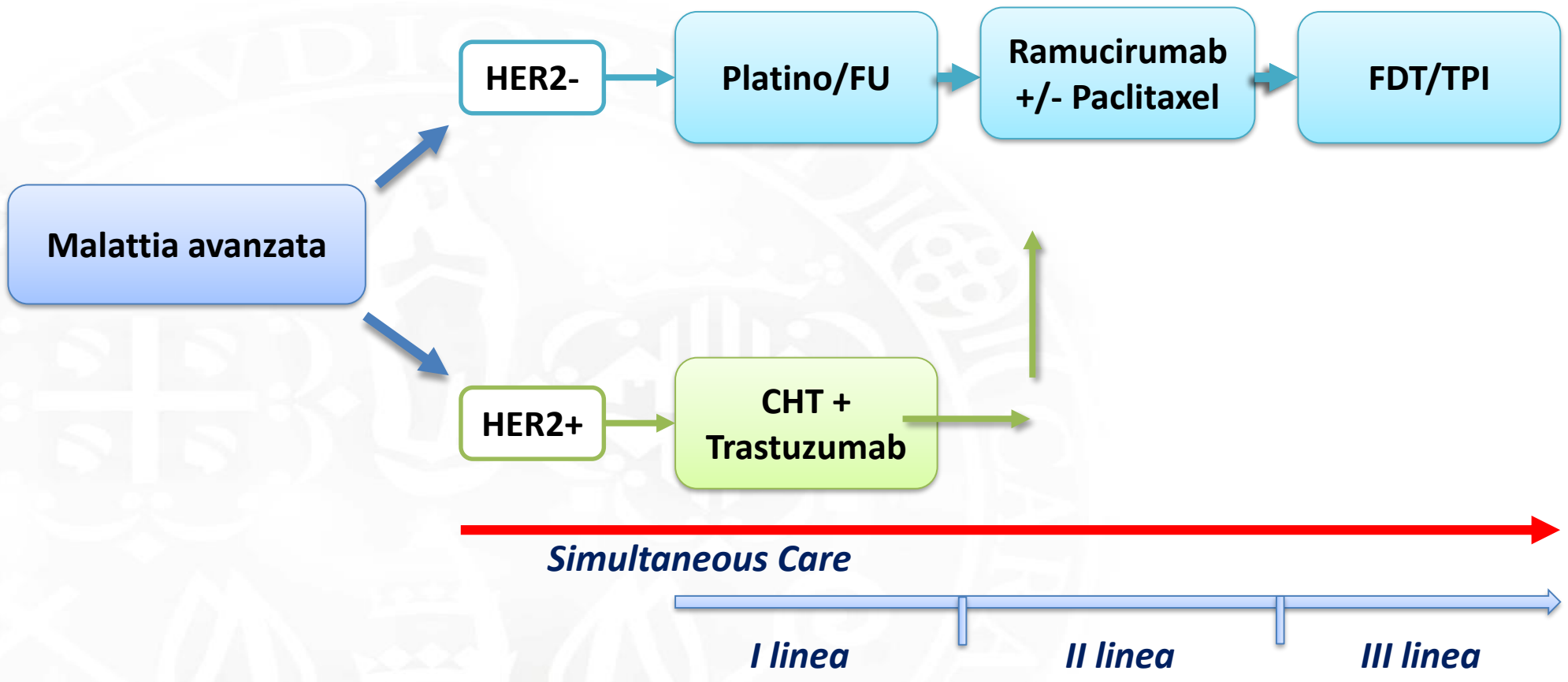
## End points

- Primary:
  - OS
- Key secondary:
  - PFS, safety
- Other secondary:
  - ORR
  - DCR
  - QOL
  - Time to ECOG PS ≥2

**RR 4 vs 2%**  
**DCR 44% vs. 14%  $p < 0.0001$**   
**Time to deterioration of PS HR0.69  $p = 0.0001$**



pulation





# First-line nivolumab plus chemotherapy versus chemotherapy alone for advanced gastric, gastro-oesophageal junction, and oesophageal adenocarcinoma (CheckMate 649): a randomised, open-label, phase 3 trial

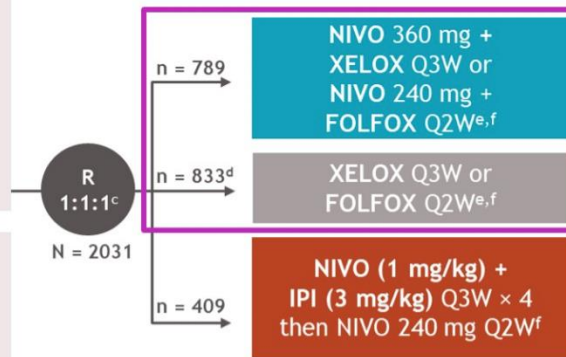
- CheckMate 649 is a randomized, open-label, global phase 3 study<sup>a</sup>

### Key eligibility criteria

- Previously untreated, unresectable, advanced or metastatic gastric/GEJ/esophageal adenocarcinoma
- No known HER2-positive status
- ECOG PS 0-1

### Stratification factors

- Tumor cell PD-L1 expression ( $\geq 1\%$  vs  $< 1\%$ <sup>b</sup>)
- Region (Asia vs United States/Canada vs ROW)
- ECOG PS (0 vs 1)
- Chemo (XELOX vs FOLFOX)



### Dual primary endpoints:

- OS and PFS<sup>g</sup> (PD-L1 CPS  $\geq 5$ )

### Secondary endpoints:

- OS (PD-L1 CPS  $\geq 1$ , all randomized)
- OS (PD-L1 CPS  $\geq 10$ )
- PFS<sup>g</sup> (PD-L1 CPS  $\geq 10$ ,  $\geq 1$ , all randomized)
- ORR<sup>g</sup>

### Exploratory endpoints:

- Safety
- QoL

	Patients with a PD-L1 CPS of five or more		All randomly assigned patients	
	Nivolumab plus chemotherapy (n=473)	Chemotherapy alone (n=482)	Nivolumab plus chemotherapy (n=789)	Chemotherapy alone (n=792)
(Continued from previous page)				
Site of metastases				
Liver	191 (40%)	217 (45%)	301 (38%)	314 (40%)
Peritoneum	101 (21%)	96 (20%)	188 (24%)	188 (24%)
CNS	1 (<1%)	0	1 (<1%)	0
Signet ring cell carcinoma <sup>†</sup>				
Yes	72 (15%)	69 (14%)	145 (18%)	136 (17%)
No	401 (85%)	413 (86%)	644 (82%)	656 (83%)
Lauren classification				
Intestinal type	171 (36%)	176 (37%)	272 (34%)	267 (34%)
Diffuse type	137 (29%)	141 (29%)	254 (32%)	273 (34%)
Mixed	37 (8%)	30 (6%)	58 (7%)	48 (6%)
Unknown	128 (27%)	135 (28%)	205 (26%)	204 (26%)
Microsatellite instability status				
Microsatellite stable	423 (89%)	423 (88%)	695 (88%)	682 (86%)
Microsatellite instability-high	18 (4%)	16 (3%)	23 (3%)	21 (3%)
Not reported or invalid	32 (7%)	43 (9%)	71 (9%)	89 (11%)
Chemotherapy regimen <sup>§</sup>				
FOLFOX	237/468 (51%)	242/465 (52%)	422/782 (54%)	406/767 (53%)
XELOX	231/468 (49%)	223/465 (48%)	360/782 (46%)	361/767 (47%)

Data are median (IQR) or n (%). PD-L1=programmed cell death ligand 1. CPS=combined positive score. ECOG=Eastern Cooperative Oncology Group. FOLFOX=leucovorin, fluorouracil, and oxaliplatin. XELOX=capecitabine and oxaliplatin. <sup>a</sup>Based on case report form. All randomly assigned patients had ECOG performance status of 0 or 1 based on interactive response technology. <sup>b</sup>Includes indeterminate tumour cell PD-L1 expression. <sup>c</sup>Per WHO histological classification. <sup>d</sup>Patients who received at least one dose of the assigned treatment.

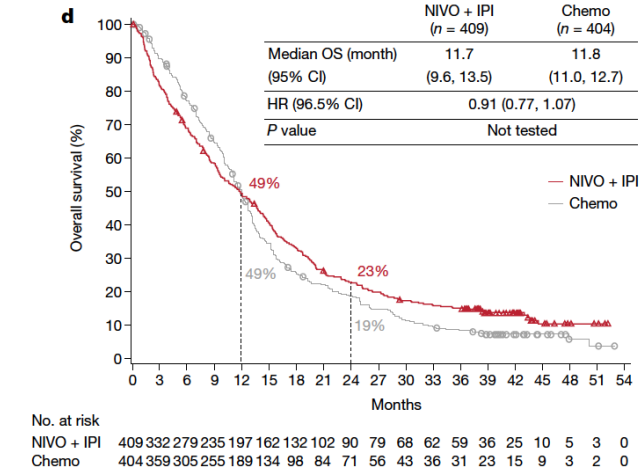
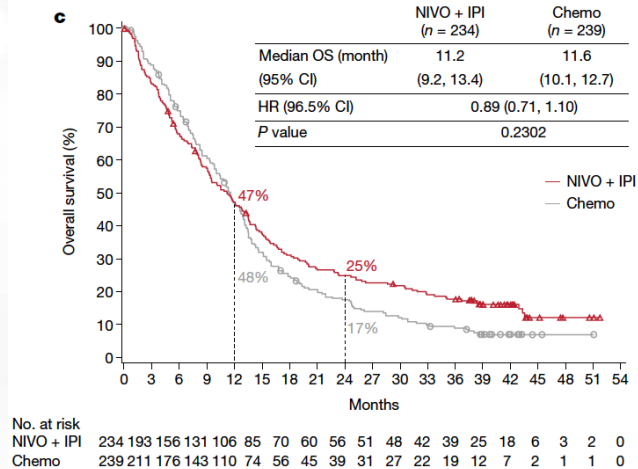
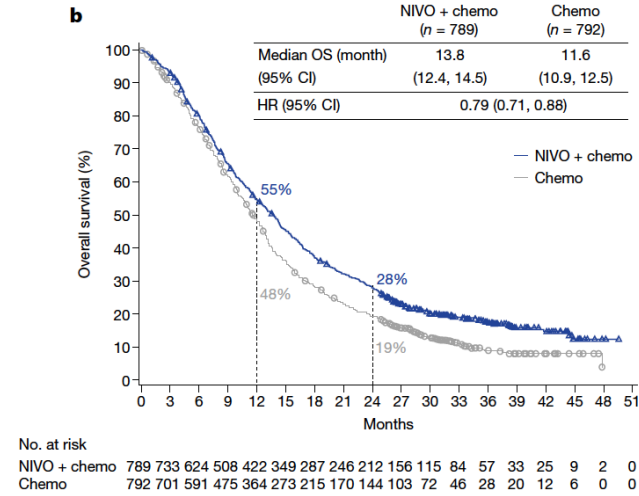
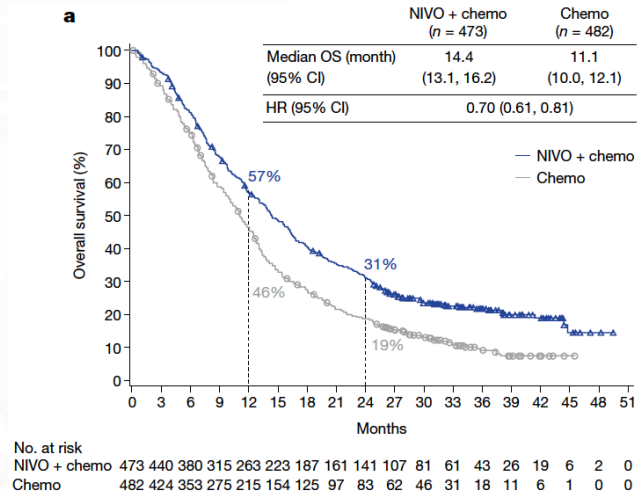
**Table 1: Baseline characteristics**



# Nivolumab plus chemotherapy or ipilimumab in gastro-oesophageal cancer



## Overall Survival



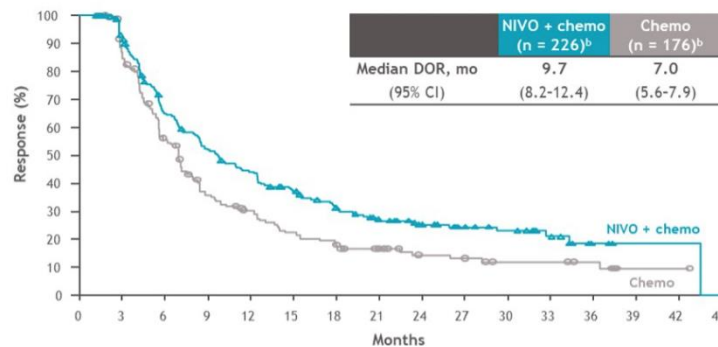


Nivolumab plus chemotherapy versus chemotherapy as first-line treatment for advanced gastric cancer/gastroesophageal junction cancer/esophageal adenocarcinoma: expanded analyses from 24-month follow-up of CheckMate 649

## Response and Duration of Response

PD-L1 CPS  $\geq 5$ <sup>1</sup>

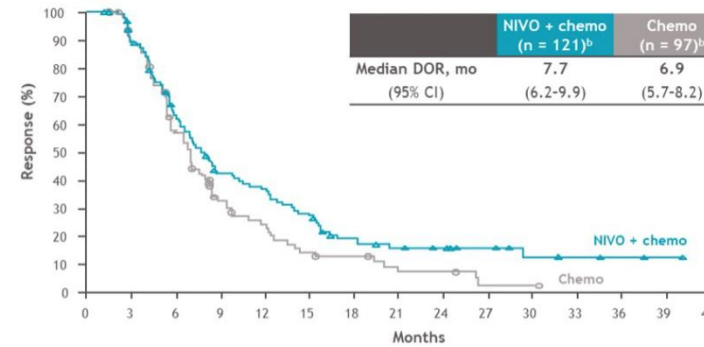
Response per BICR	NIVO + chemo (n = 378) <sup>a</sup>	Chemo (n = 390) <sup>a</sup>
ORR, % (95% CI)	60 (55-65)	45 (40-50)
CR	13	7
PR	47	38
SD	28	34
PD	7	11



No. at risk		0	3	6	9	12	15	18	21	24	27	30	33	36	39	42	45
NIVO + chemo	226	196	135	107	90	73	58	45	34	25	20	10	3	1	1	0	
Chemo	176	142	87	53	42	31	24	19	12	11	7	7	5	1	1	0	

PD-L1 CPS < 5

Response per BICR	NIVO + chemo (n = 219) <sup>a</sup>	Chemo (n = 209) <sup>a</sup>
ORR, % (95% CI)	55 (48-62)	46 (40-53)
CR	7	4
PR	48	42
SD	30	32
PD	7	10



No. at risk		0	3	6	9	12	15	18	21	24	27	30	33	36	39	42
NIVO + chemo	121	104	70	45	39	29	17	13	10	7	4	3	2	1	0	
Chemo	97	84	49	24	17	10	8	4	4	1	1	0	0	0	0	

- ORR was higher and responses were more durable with NIVO + chemo vs chemo regardless of PD-L1 CPS  $\geq 5$  or < 5



Nivolumab plus chemotherapy versus chemotherapy as first-line treatment for advanced gastric cancer/gastroesophageal junction cancer/esophageal adenocarcinoma: expanded analyses from 24-month follow-up of CheckMate 649

## Efficacy subgroup analysis by PD-L1 CPS excluding MSI-H

### Overall survival

PD-L1 CPS <sup>a</sup>	Number of patients	Median, months		Unstratified HR <sup>b</sup>	Unstratified HR (95% CI)
		NIVO + chemo	Chemo		
Overall (N = 1537)		13.5	11.6	0.80	
< 1	262	13.4	12.5	0.93	
≥ 1	1256	13.6	11.4	0.76	
< 5	597	12.4	12.1	0.94	
≥ 5	921	14.2	11.1	0.71	
< 10	779	12.4	12.6	0.92	
≥ 10	739	14.4	10.9	0.67	

### Objective response rate

PD-L1 CPS <sup>c</sup>	Number of patients	Objective response rate, %		Unweighted ORR difference, <sup>d</sup> %	Unweighted ORR difference, % (95% CI)
		NIVO + chemo	Chemo		
Overall (n = 1172)		58	46	12	
< 1	176	52	41	11	
≥ 1	982	60	47	13	
< 5	418	55	46	9	
≥ 5	740	60	46	14	
< 10	563	57	47	10	
≥ 10	595	59	45	14	

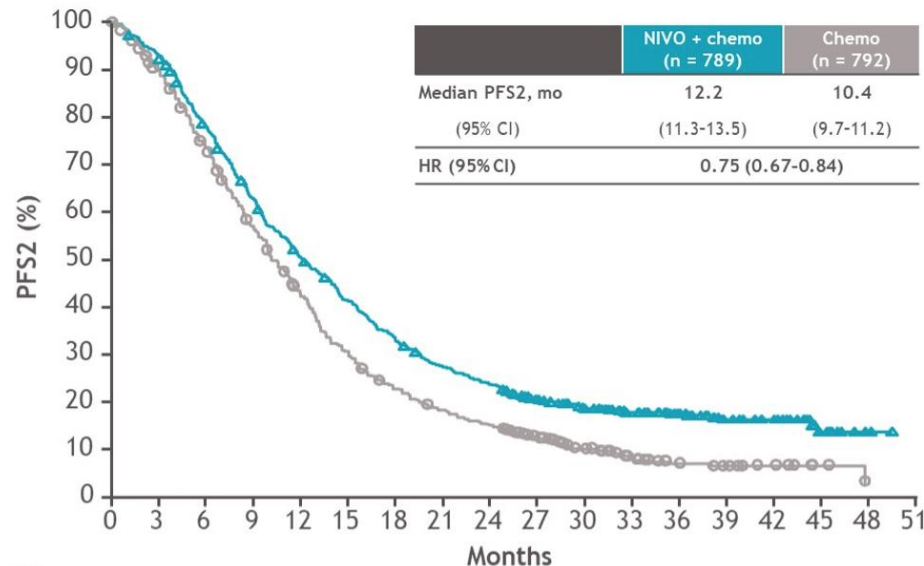
- OS and ORR benefits were consistent with the all randomized population when excluding patients with MSI-H tumors<sup>e</sup>



Nivolumab plus chemotherapy versus chemotherapy as first-line treatment for advanced gastric cancer/gastroesophageal junction cancer/esophageal adenocarcinoma: expanded analyses from 24-month follow-up of CheckMate 649

## Progression Free Survival 2

All randomized patients



No. at risk	0	3	6	9	12	15	18	21	24	27	30	33	36	39	42	45	48	51
NIVO + chemo	789	731	609	488	390	317	257	210	182	139	104	76	53	31	25	9	2	0
Chemo	792	699	570	435	323	231	173	137	114	80	55	29	18	13	9	3	0	0

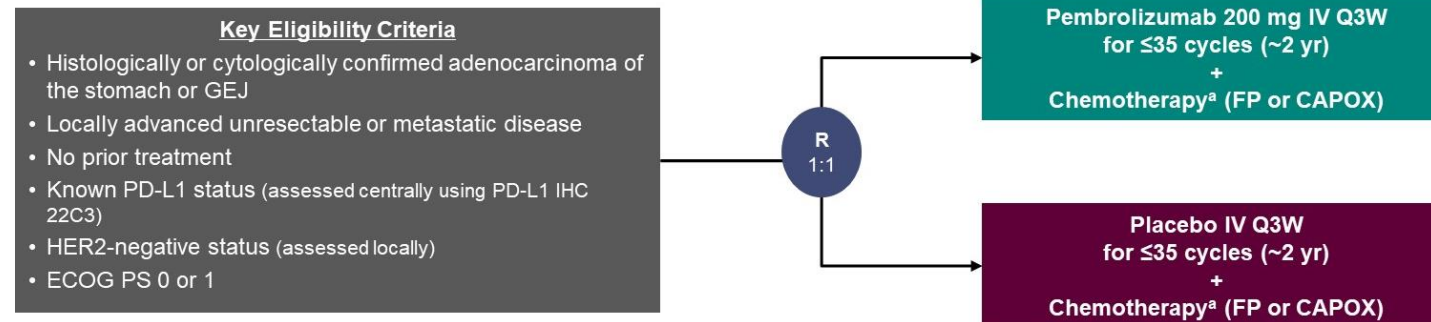
First subsequent therapy, <sup>a</sup> n (%)	NIVO + chemo (n = 789)	Chemo (n = 792)
Any subsequent therapy	325 (41)	346 (44)
Radiotherapy	32 (4)	28 (4)
Surgery	19 (2)	23 (3)
Systemic anticancer therapy <sup>b</sup>	290 (37)	329 (42)
Chemotherapy	267 (34)	297 (38)
Targeted therapy	92 (12)	76 (10)
Immunotherapy	8 (1)	27 (3)





## KEYNOTE-859 Study of Pembrolizumab plus Chemotherapy for Advanced HER2-Negative Gastric or Gastroesophageal Junction Cancer: Outcomes in the Protocol-Specified PD-L1–Selected Populations

Sun Young Rha<sup>1</sup>; Lucjan S. Wyrwicz<sup>2</sup>; Patricio E. Yañez<sup>3</sup>; Yuxian Bai<sup>4</sup>; Min-Hee Ryu<sup>5</sup>; Jeeyun Lee<sup>6</sup>; Fernando Rivera<sup>7</sup>; Gustavo V. Alves<sup>8</sup>; Marcelo Garrido<sup>9</sup>; Kai-Keen Shiu<sup>10</sup>; Manuel González Fernández<sup>11</sup>; Jin Li<sup>12</sup>; Maeve A. Lowery<sup>13</sup>; Timuçin Çil<sup>14</sup>; Felipe J.S. Melo Curz<sup>15</sup>; Shukui Qin<sup>16</sup>; Lina Yin<sup>17</sup>; Sonal Bordia<sup>17</sup>; Pooja Bhagia<sup>17</sup>; Do-Youn Oh<sup>18</sup> on behalf the KEYNOTE-859 Investigators



### Stratification Factors

- Geographic region (Europe/Israel/North America/Australia vs Asia vs rest of world)
- PD-L1 CPS (<1 vs ≥1)
- Choice of chemotherapy<sup>a</sup> (FP vs CAPOX)

### Primary End Point: OS

- Secondary End Points: PFS,<sup>b</sup> ORR,<sup>b</sup> DOR,<sup>b</sup> and safety

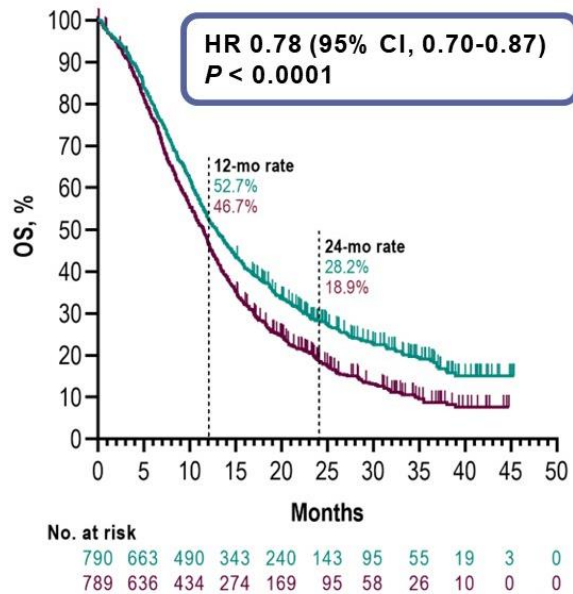
- Alpha-controlled analyses: OS, PFS, and ORR in the overall, PD-L1 CPS ≥1, and PD-L1 CPS ≥10 populations



# Primary Endpoint: OS

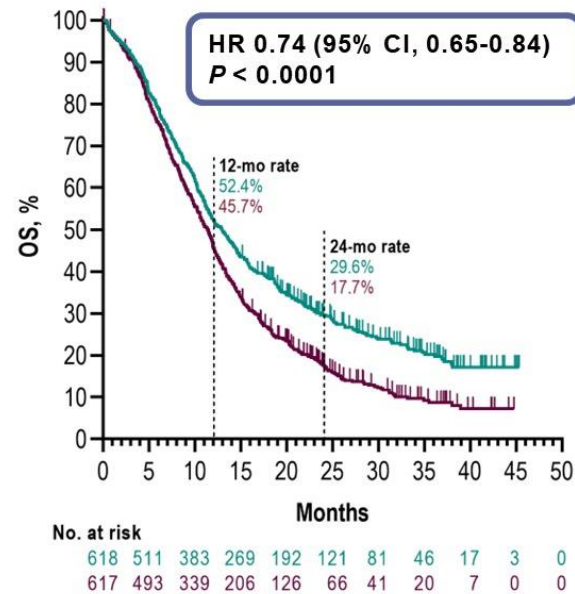
## Overall<sup>1</sup>

	Pts w/ Event	Median (95% CI), mo
Pembro + chemo	76.3%	12.9 (11.9-14.0)
Placebo + chemo	84.4%	11.5 (10.6-12.1)



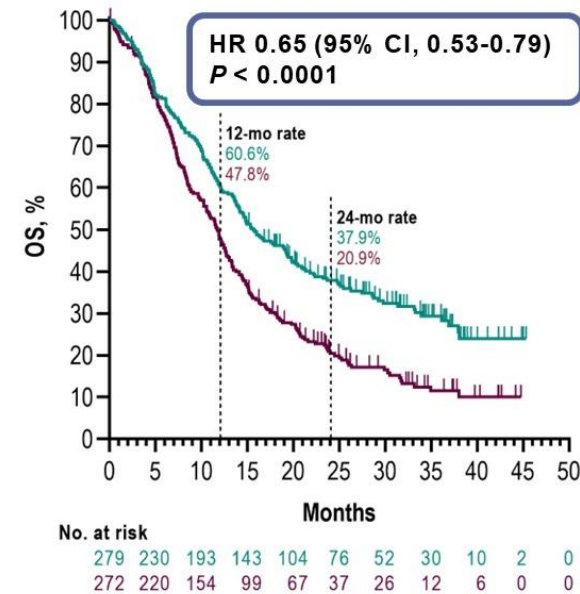
## PD-L1 CPS ≥1

	Pts w/ Event	Median (95% CI), mo
Pembro + chemo	75.1%	13.0 (11.6-14.2)
Placebo + chemo	85.3%	11.4 (10.5-12.0)



## PD-L1 CPS ≥10

	Pts w/ Event	Median (95% CI), mo
Pembro + chemo	67.4%	15.7 (13.8-19.3)
Placebo + chemo	83.1%	11.8 (10.3-12.7)



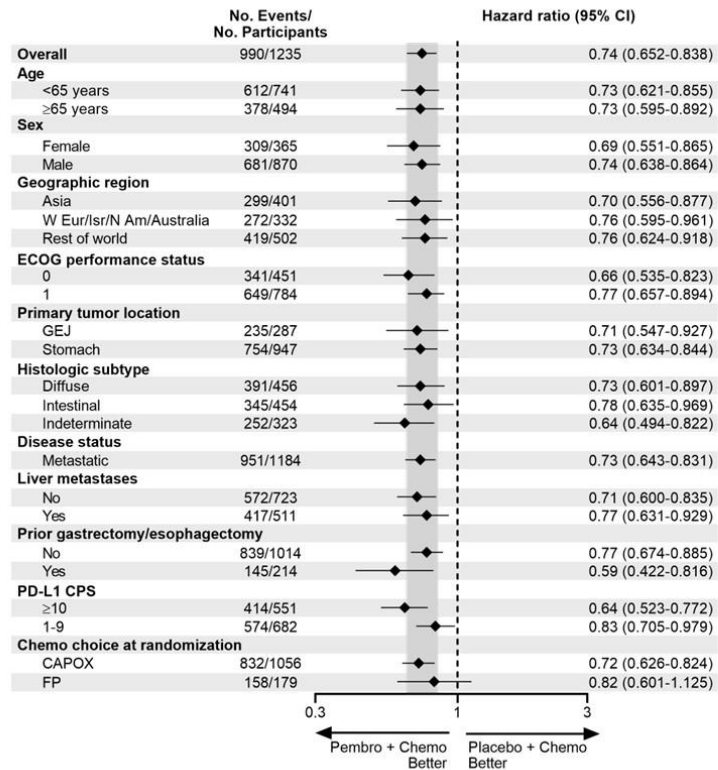
1. Rha SY et al. *Ann Oncol* 2023;34:319-320.  
Data cutoff date: October 3, 2022.



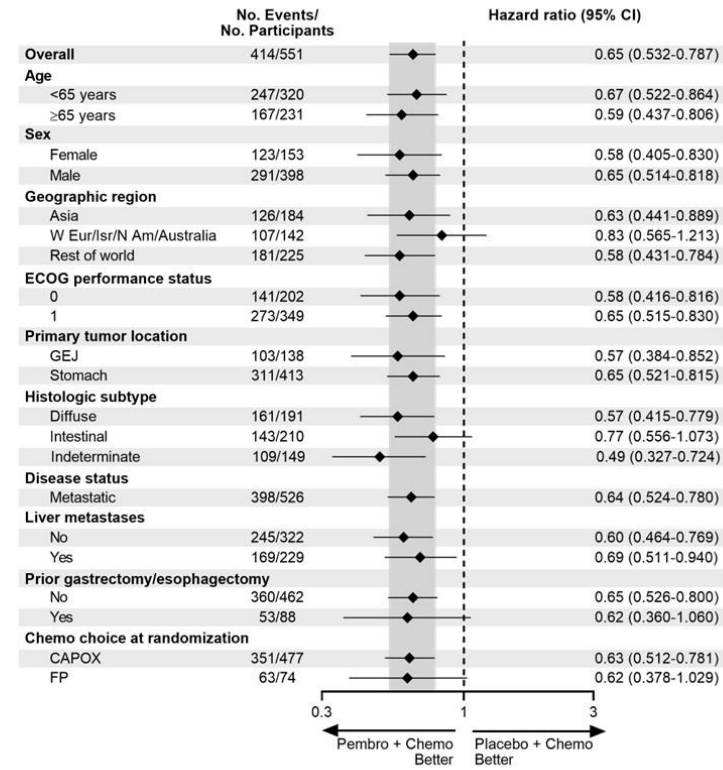


# Overall Survival in Subgroups

## PD-L1 CPS ≥1



## PD-L1 CPS ≥10



Data cutoff date: October 3, 2022.



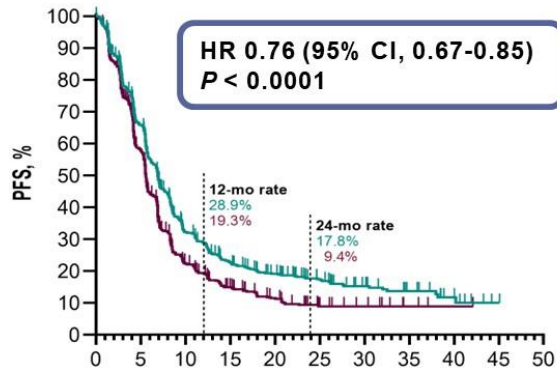




# Secondary Endpoints: PFS, ORR, and DOR

## Overall<sup>1</sup>

	Pts w/ Event	Median PFS (95% CI), mo
Pembro + chemo	72.4%	6.9 (6.3-7.2)
Placebo + chemo	77.1%	5.6 (5.5-5.7)

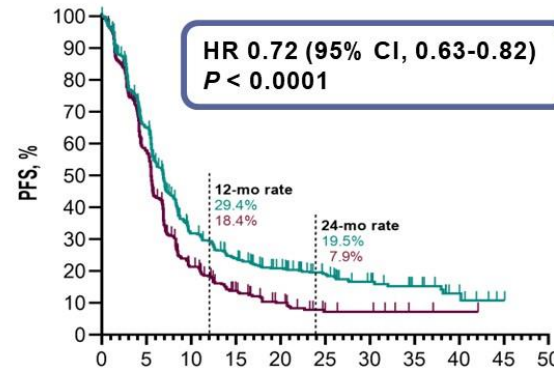


No. at risk	Months
790	0
461	5
199	10
131	15
94	20
63	25
36	30
22	35
9	40
1	45
0	50
789	0
407	5
130	10
71	15
41	20
19	25
11	30
3	35
1	40
0	45
0	50

	Pembro + Chemo	Placebo + Chemo
ORR, % (95% CI)	51.3% (47.7-54.8)	42.0% (38.5-45.5)
Δ (95% CI)	9.3 (4.4-14.1); P = 0.00009	
mDOR (range)	8.0 mo (1.2+ - 41.5+)	5.7 mo (1.3+ - 34.7+)

## PD-L1 CPS ≥1

	Pts w/ Event	Median PFS (95% CI), mo
Pembro + chemo	71.7%	6.9 (6.0-7.2)
Placebo + chemo	78.3%	5.6 (5.4-5.7)

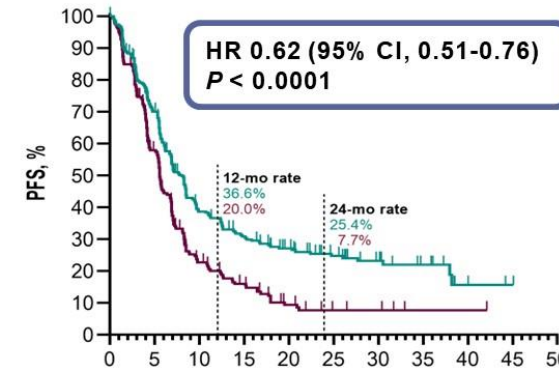


No. at risk	Months
618	0
356	5
156	10
112	15
82	20
57	25
33	30
21	35
8	40
1	45
0	50
617	0
317	5
97	10
51	15
26	20
11	25
8	30
2	35
1	40
0	45
0	50

	Pembro + Chemo	Placebo + Chemo
ORR, % (95% CI)	52.1% (48.1-56.1)	42.6% (38.7-46.6)
Δ (95% CI)	9.5 (3.9-15.0); P = 0.00041	
mDOR (range)	8.3 mo (1.2+ - 41.5+)	5.6 mo (1.3+ - 34.2+)

## PD-L1 CPS ≥10

	Pts w/ Event	Median PFS (95% CI), mo
Pembro + chemo	68.1%	8.1 (6.8-8.5)
Placebo + chemo	77.2%	5.6 (5.4-6.7)



No. at risk	Months
279	0
176	5
90	10
69	15
52	20
37	25
23	30
14	35
3	40
1	45
0	50
272	0
138	5
44	10
27	15
6	20
5	25
1	30
1	35
0	40
0	45
0	50

	Pembro + Chemo	Placebo + Chemo
ORR, % (95% CI)	60.6% (54.6-66.3)	43.0% (37.1-49.1)
Δ (95% CI)	17.5 (9.3-23.5); P = 0.00002	
mDOR (range)	10.9 mo (1.2+ - 41.5+)	5.8 mo (1.4+ - 31.2+)

1. Rha SY et al. *Ann Oncol* 2023;34:319-320. Response was assessed per RECIST v1.1 by blinded, independent central review. Data cutoff date: October 3, 2022.



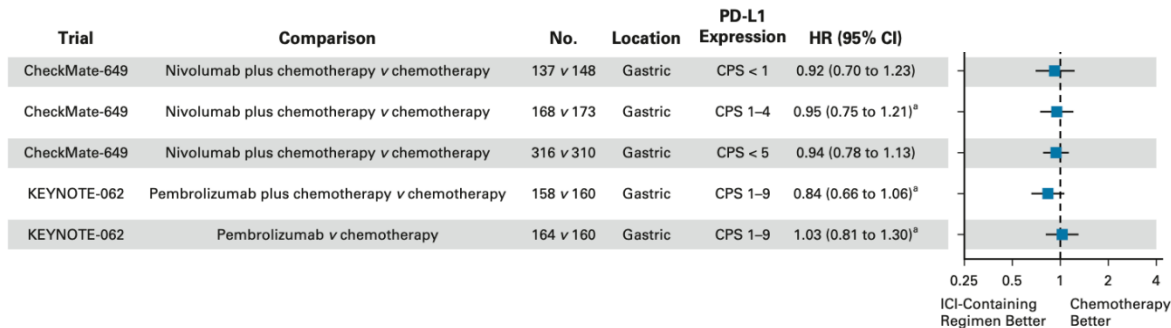


	Keynote 859	Checkmate 649
	n=1579 double-blind, pembrolizumab vs. placebo + chemo	n= 1581 open-label, nivolumab vs. placebo + chemo
Inclusion criteria	<ul style="list-style-type: none"> <li>Known PD-L1-status (centrally determined IHC 22C3)</li> </ul>	<ul style="list-style-type: none"> <li>Regardless PD-L1-status (Dako IHC 28-8 pharm Dx assay)</li> </ul>
Endpoints	Primary: OS Secondary: PFS/ ORR both in CPS $\geq$ 10 and CPS $\geq$ 1	Dual primary: OS and PFS in CPS $\geq$ 5
Results Overall survival	All pts: HR 0.78 (95% CI 0.70-0.87), $P < 0.0001$	All pts: HR 0.80 (99.3% CI 0.68-0.94) $P = 0.0002$



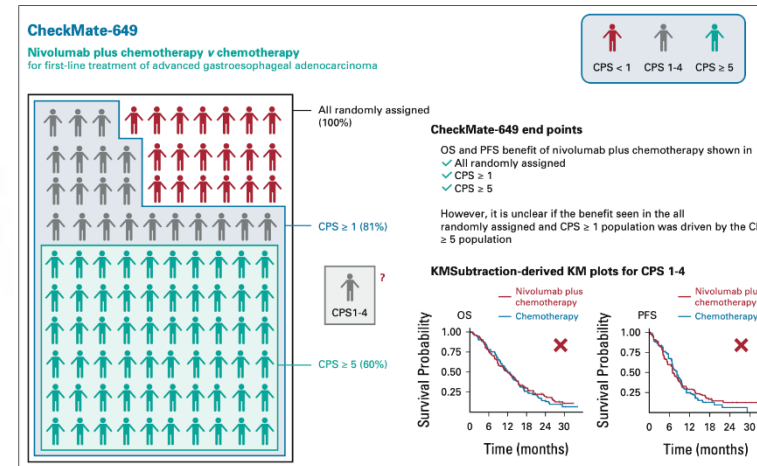
# Low Programmed Death-Ligand 1-Expressing Subgroup Outcomes of First-Line Immune Checkpoint Inhibitors in Gastric or Esophageal Adenocarcinoma

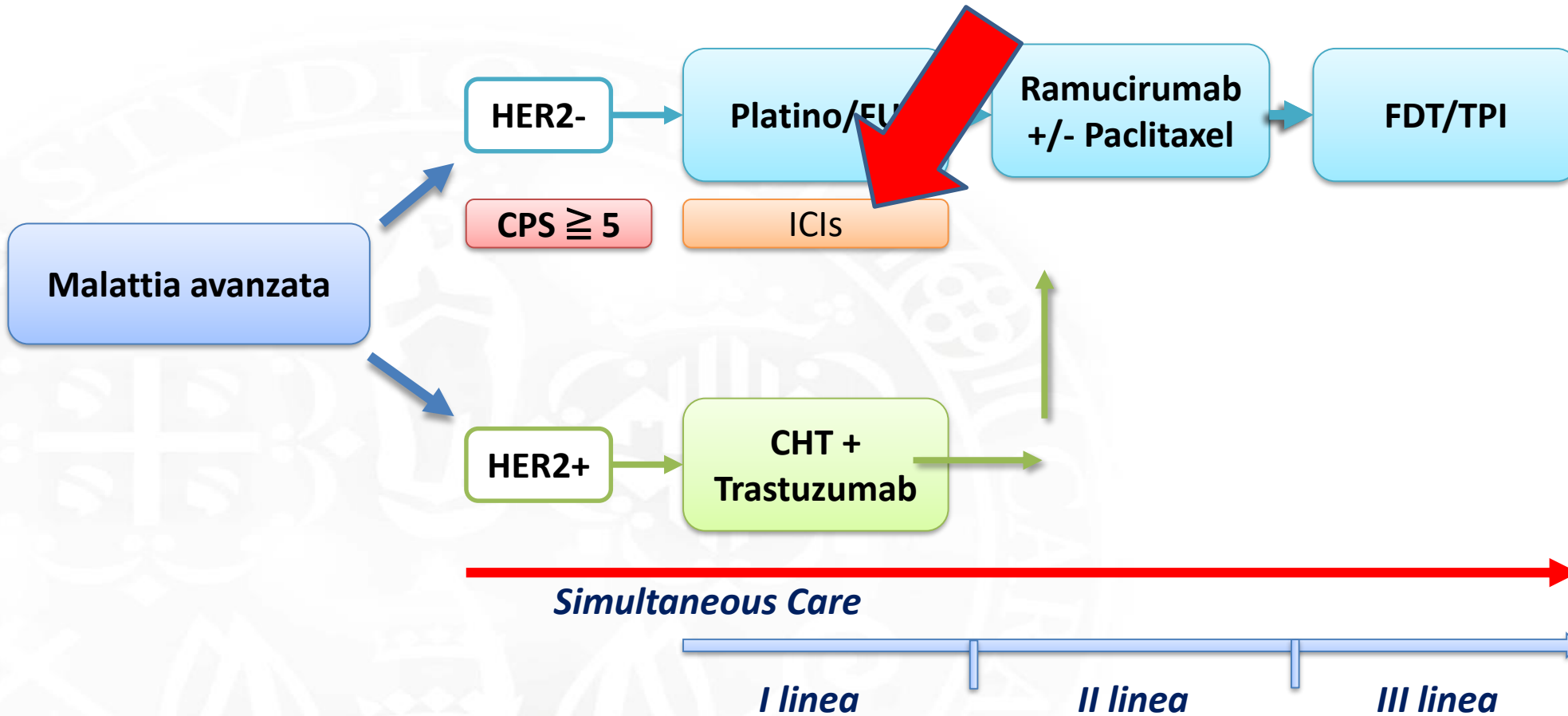
PD-L1 CPS 1-4 in CHECKMATE-649 and PD-L1 1-9 KEYNOTE-062 subgroups were identified with data unreported in the primary manuscript.



These data seem to suggest the lack of benefit in low PD-L1 expressing GEAC tumors.

KMSubtraction approach allows to reconstruct unreported Kaplan-Meier plots







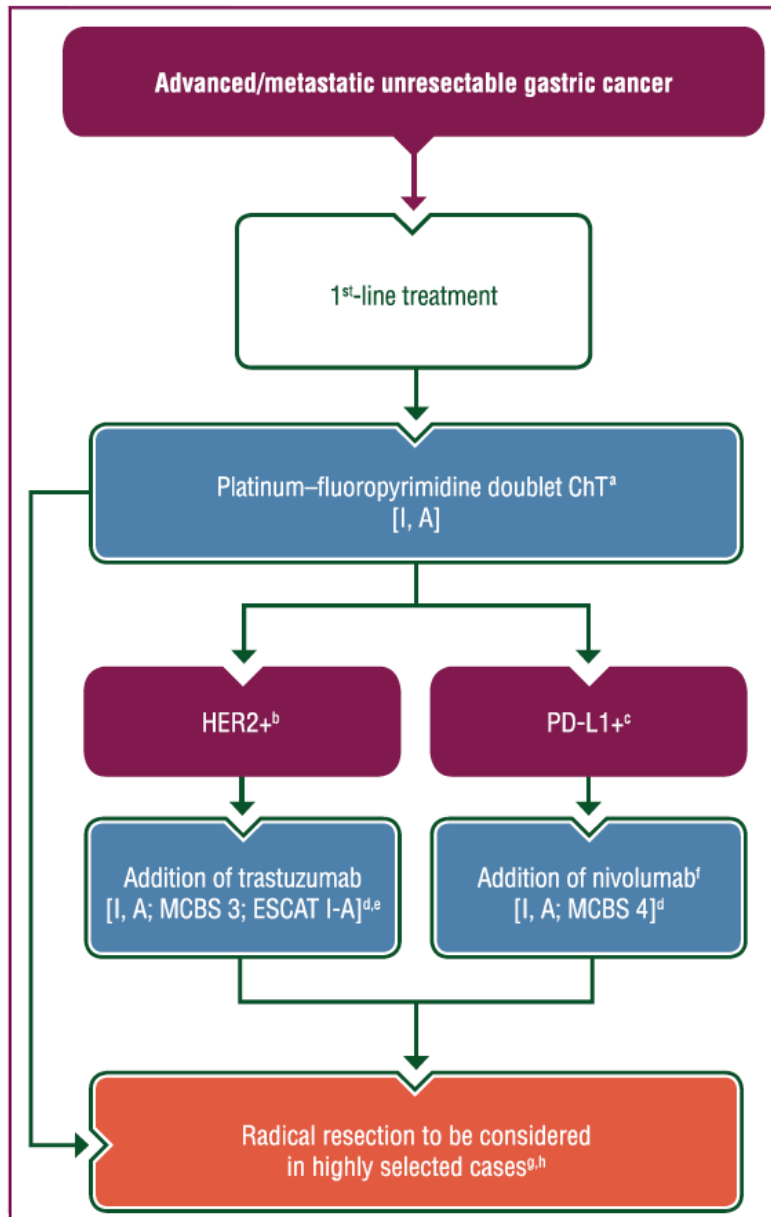
SPECIAL ARTICLE

Gastric cancer: ESMO Clinical Practice Guideline for diagnosis, treatment and follow-up<sup>☆</sup>

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Surgery for metastatic gastric cancer

- Gastrectomy is not recommended in metastatic gastric cancer unless required for palliation of symptoms [I, D].
- Resection of metastases cannot be recommended in general, but might be considered as an individual approach in highly selected cases with oligometastatic disease and response to ChT [V, C].

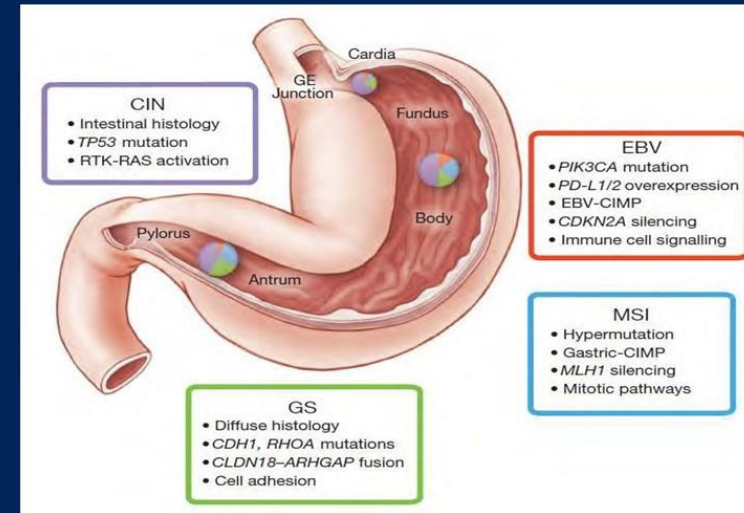






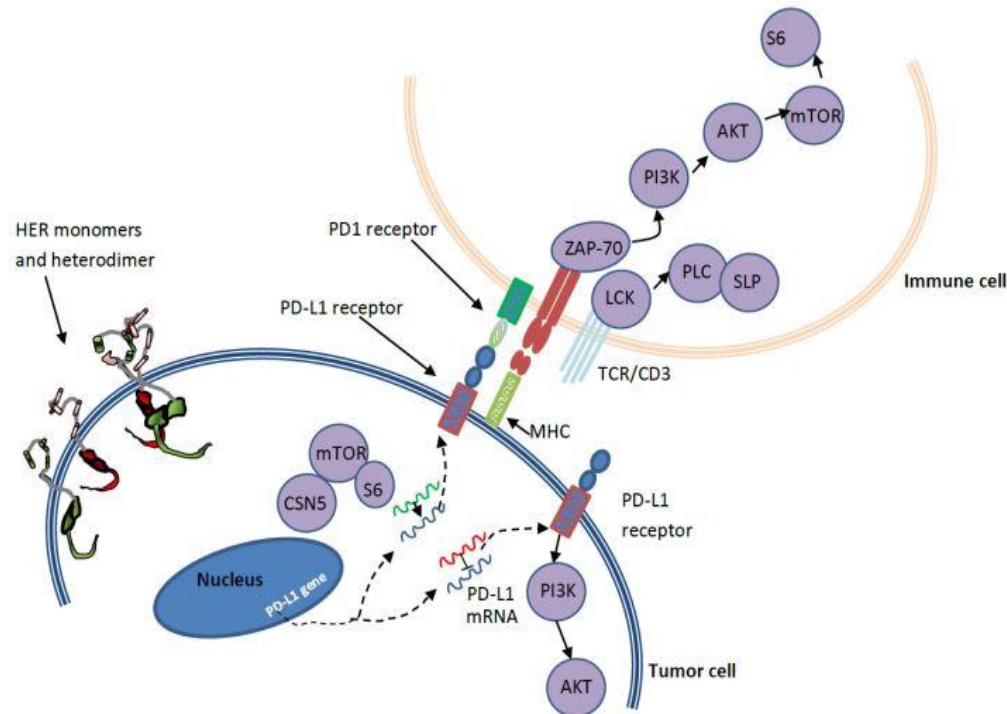
# To be discussed – other targets, other therapies

- GS subtype: Claudin 18.2
- CIN/GS subtype: FGFR
- CIN subtype: HER2
- Other targets: the tumor microenvironment ...





## Combining anti-HER2 and Immunotherapy



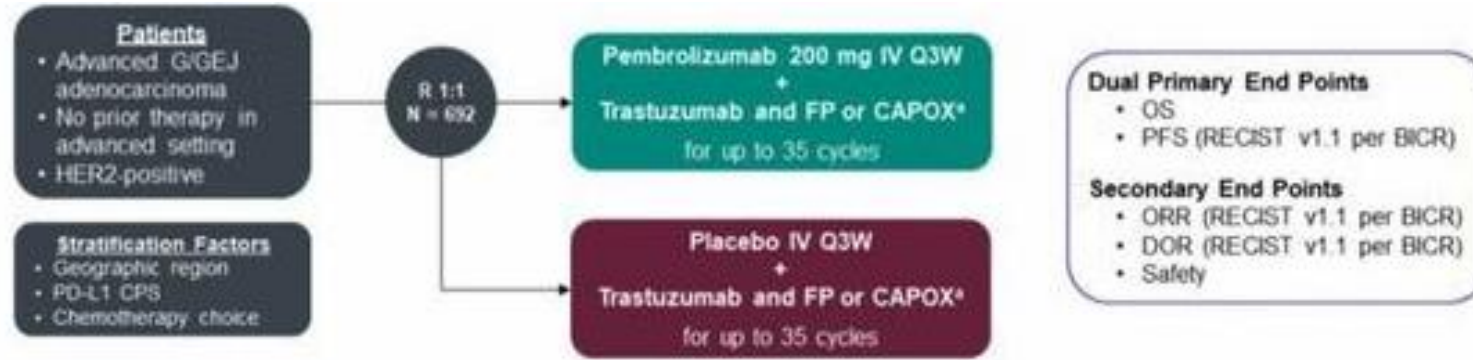
**Trastuzumab** induces antibody-dependent cellular phagocytosis (ADCP) allowing uptake of tumor antigens by APC (dendritic cells)

**Oxaliplatin** induces immunogenic cell death of tumor cells, which activates APCs via calreticulin, HMGB1, and other damage-associated molecular patterns

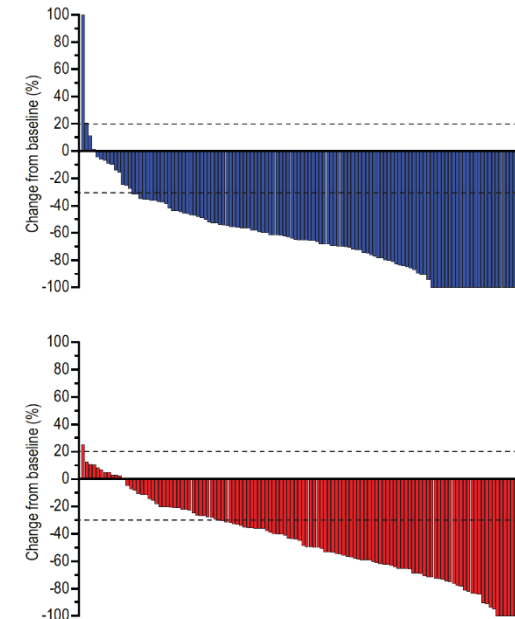
- R. Padmanabhan et al. Crosstalk between HER2 and PD-1/PD-L1 in Breast Cancer: From Clinical Applications to Mathematical Models. *Cancers*, 10 March 2020
- Krasniqi E, Barchiesi G, Pizzuti L et al. Immunotherapy in HER2-positive breast cancer: state of the art and future perspectives. *J. Hematol. Oncol.* 12(1), 111 (2019).
- Chaganty BKR, Qiu S, Gest A et al. Trastuzumab upregulates PD-L1 as a potential mechanism of trastuzumab resistance through engagement of immune effector cells and stimulation of IFN $\gamma$  secretion. *Cancer Lett.* 430, 47–56 (2018).



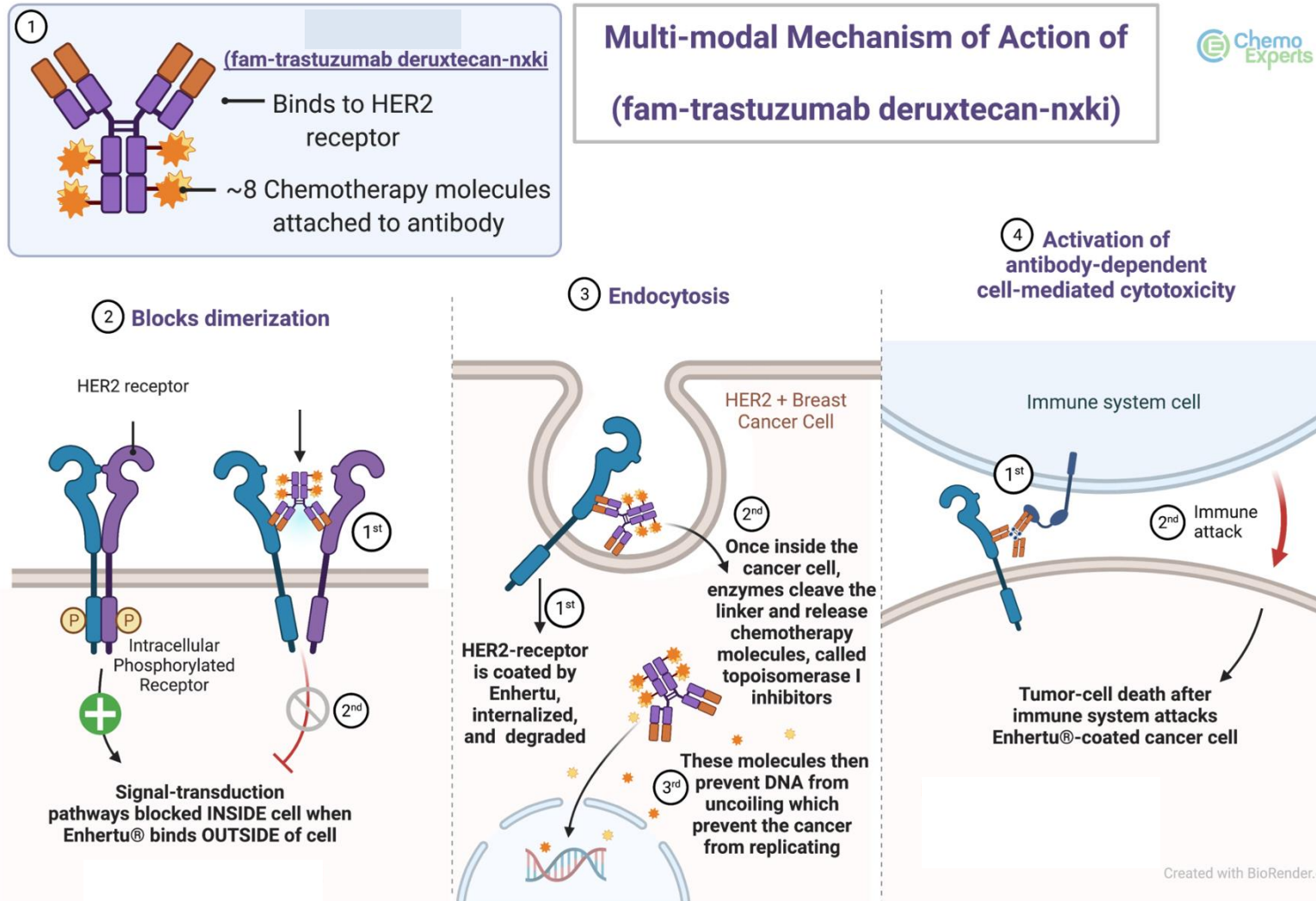
# The KEYNOTE-811 trial of dual PD-1 and HER2 blockade in HER2-positive gastric cancer



Variable	Pembrolizumab group (n = 133)	Placebo group (n = 131)
Objective response (% (95% confidence interval)) <sup>a</sup>	74.4 (66.2–81.6)	51.9 (43.0–60.7)
Disease control (% (95% confidence interval)) <sup>b</sup>	96.2 (91.4–98.8)	89.3 (82.7–94.0)
Best overall response (number (%))		
Complete response	15 (11.3)	4 (3.1)
Partial response	84 (63.2)	64 (48.9)
Stable disease	29 (21.8)	49 (37.4)
Progressive disease	5 (3.8)	7 (5.3)
Not evaluable <sup>c</sup>	0 (0.0)	2 (1.5)
Not assessed <sup>c</sup>	0 (0.0)	5 (3.8)







**Multi-modal Mechanism of Action of (fam-trastuzumab deruxtecan-nxki)**





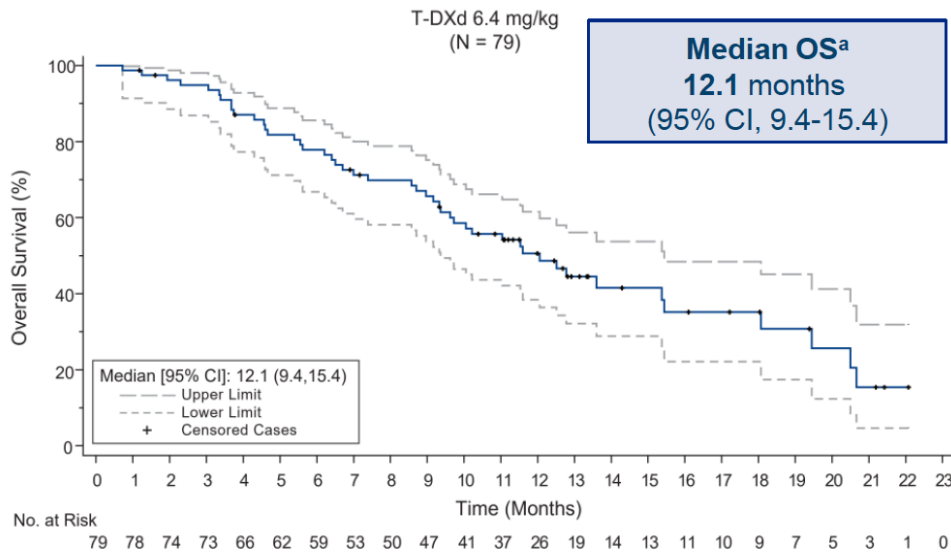
# Updated Analysis of DESTINY-Gastric02: a Phase 2 Single-Arm Trial of Trastuzumab Deruxtecan (T-DXd) in Western Patients with HER2-Positive Unresectable/Metastatic Gastric/Gastroesophageal Junction (GEJ) Cancer Who Progressed on or After Trastuzumab-Containing Regimen

- Key eligibility criteria**
- Pathologically documented, unresectable or metastatic gastric or GEJ cancer
  - Centrally confirmed HER2 positive disease (defined as IHC 3+ or IHC 2+/ISH+) on biopsy after progression on first-line trastuzumab-containing regimen
  - ECOG PS 0 or 1

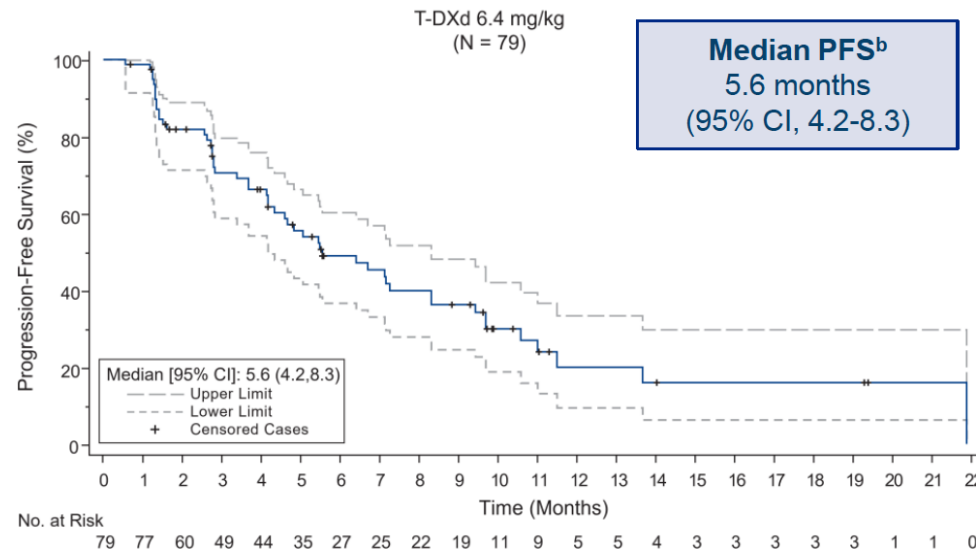
T-DXd  
6.4 mg/kg Q3W  
N = 79<sup>a</sup>

- Primary endpoint**
- Confirmed ORR by ICR
- Secondary endpoints<sup>b</sup>**
- PFS by ICR
  - OS
  - DoR
  - Safety
  - Patient-reported outcomes

Kaplan-Meier Plot of OS



Kaplan-Meier Plot of PFS by ICR





# DESTINY PanTumor02: Phase 2

DESTINY-PanTumor02

## DESTINY-PanTumor02: A Phase 2 Study of T-DXd for HER2-Expressing Solid Tumors

An open-label, multicenter study (NCT04482309)

- Advanced solid tumors not eligible for curative therapy
- 2L+ patient population
- HER2 expression (IHC 3+ or 2+)
- Local test or central test by HercepTest if local test not feasible (ASCO/CAP gastric cancer guidelines)<sup>1</sup>
- Prior HER2-targeting therapy allowed
- ECOG/WHO PS 0-1



- Cervical cancer
- Endometrial cancer
- Ovarian cancer
- Biliary tract cancer
- Pancreatic cancer
- Bladder cancer
- Other tumors<sup>2</sup>

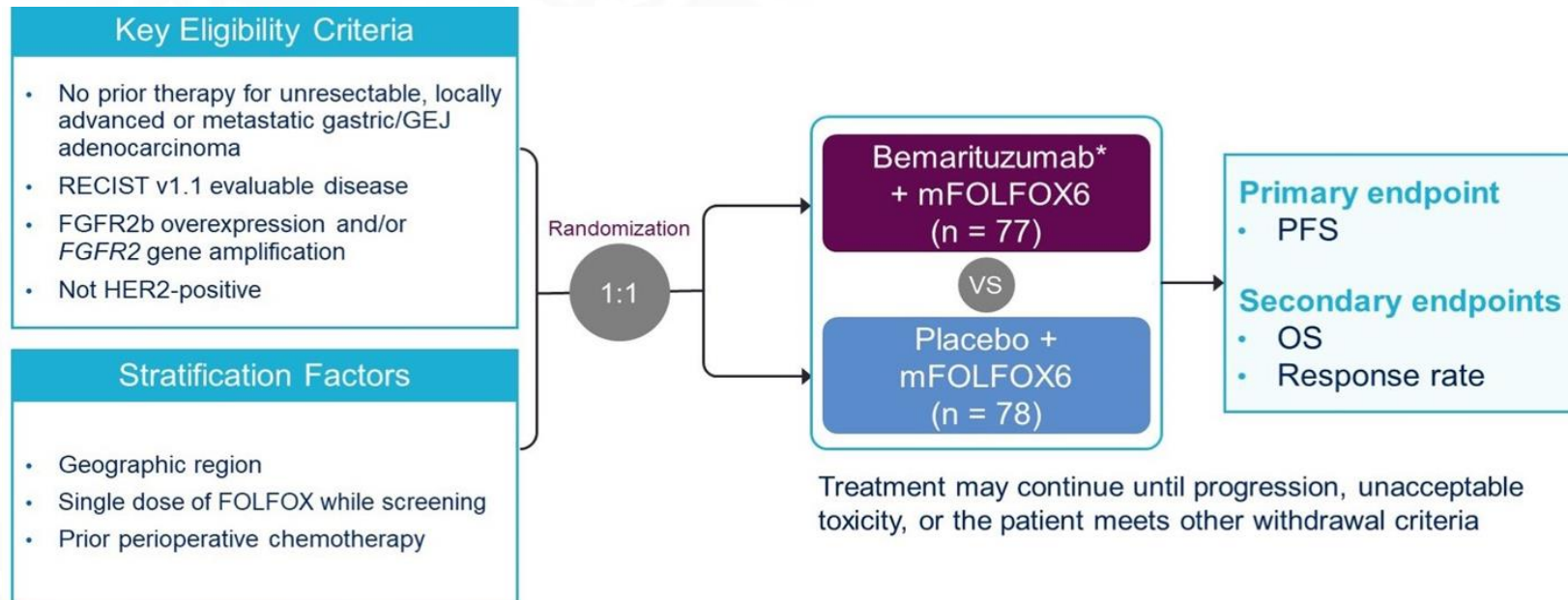
- Primary endpoint**
- Confirmed ORR (Investigator)<sup>3</sup>
- Secondary endpoints**
- DOR<sup>4</sup>
  - DCR<sup>5</sup>
  - PFS<sup>6</sup>
  - OS
  - Safety
- Data cut-off for analysis:**
- Nov 16, 2022

	Cervical (n=40)	Endometrial (n=40)	Ovarian (n=40)	BTC (n=41)	Pancreatic (n=25)	Bladder (n=41)	Other (n=40)	All patients (N=267)	
Investigator assessment									
ORR, n (%)	20 (50.0)	23 (57.5)	18 (45.0)	9 (22.0)	1 (4.0)	16 (39.0)	12 (30.0)	99 (37.1)	
Best overall response, n (%)	Complete response	2 (5.0)	7 (17.5)	4 (10.0)	1 (2.4)	0	1 (2.4)	0	15 (5.6)
	Partial response	18 (45.0)	16 (40.0)	14 (35.0)	8 (19.5)	1 (4.0)	15 (36.6)	12 (30.0)	84 (31.5)
	Stable disease	12 (30.0)	13 (32.5)	14 (35.0)	25 (61.0)	17 (68.0)	18 (43.9)	24 (60.0)	123 (46.1)
	PD	7 (17.5)	4 (10.0)	7 (17.5)	7 (17.1)	7 (28.0)	7 (17.1)	3 (7.5)	42 (15.7)
	Not evaluable	1 (2.5)	0	1 (2.5)	0	0	0	1 (2.5)	3 (1.1)
DCR <sup>a</sup> at 12 weeks, n (%)	27 (67.5)	32 (80.0)	28 (70.0)	27 (65.9)	9 (36.0)	29 (70.7)	30 (75.0)	182 (68.2)	
Median DOR, months (95% CI)	9.8 (4.2-NE)	NR (9.9-NE)	11.3 (4.1-NE)	8.6 (2.1-NE)	NR	8.7 (4.3-11.8)	NR (4.1-NE)	11.8 (9.8-NE)	
Independent central review: ORR, n (%)	16 (40.0)	21 (52.5)	17 (42.5)	11 (26.8)	3 (12.0)	17 (41.5)	13 (32.5)	98 (36.7)	



## FGFR-2 Amplification: 15%

Bemarituzumab is a first-in-class, humanized IgG1 monoclonal antibody that selectively binds to FGFR2b, inhibits ligand binding, and mediates antibody-dependent cell-mediated cytotoxicity

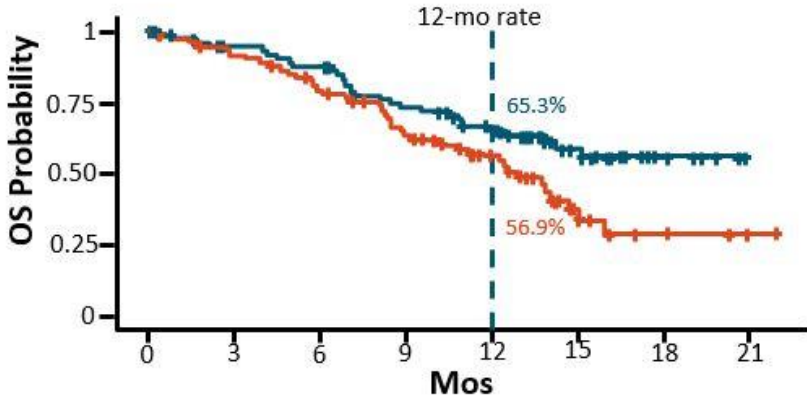
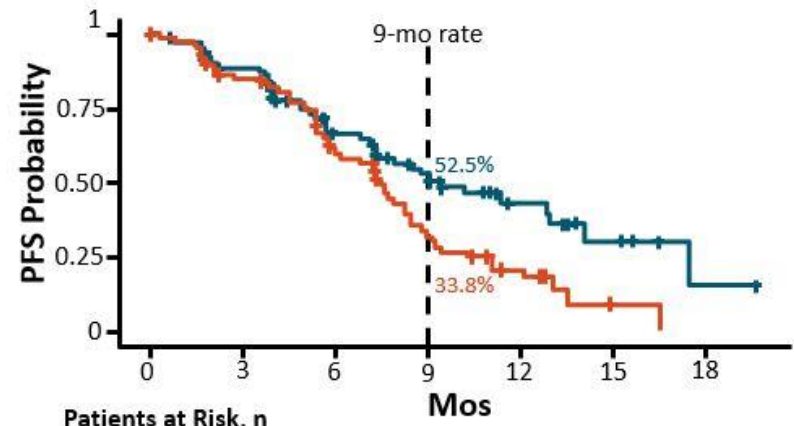


\*Bemarituzumab dosing: 15 mg/kg Q2W beginning cycle 1 day 1 (plus 1 dose of 7.5 mg/kg on day 8 of cycle 1 only). FOLFOX6 dosing: standard fixed doses Q2W. FGFR2b, fibroblast growth factor receptor 2b.





## FIGHT: PFS and OS



	Patients at Risk, n						
	0	3	6	9	12	15	18
Bema + mFOLFOX6	77	62	40	28	12	5	1
Placebo + mFOLFOX6	78	59	37	19	9	1	0

	Bema + mFOLFOX6 (n = 77)	Placebo + mFOLFOX6 (n = 78)
Median PFS, mos	9.5	7.4
HR (95% CI)	0.68 (0.44-1.04; P = .0727)	

	Patients at Risk, n							
	0	3	6	9	12	15	18	21
Bema + mFOLFOX6	77	68	63	50	38	21	6	0
Placebo + mFOLFOX6	78	68	57	42	27	10	4	1

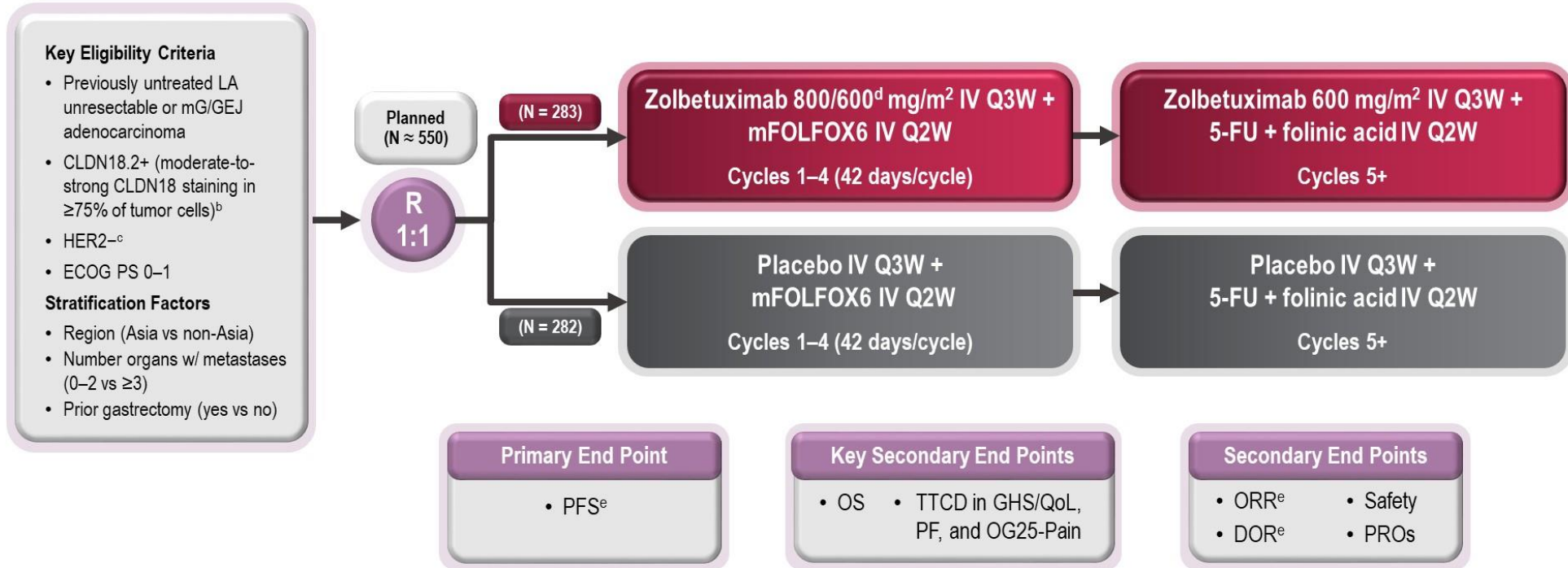
	Bema + mFOLFOX6 (n = 77)	Placebo + mFOLFOX6 (n = 78)
Median OS, mos	Not reached	12.9
HR (95% CI)	0.58 (0.35-0.95; P = .0268)	





# Study Design: SPOTLIGHT

Global<sup>a</sup>, randomized, double-blinded, placebo-controlled, phase 3 trial

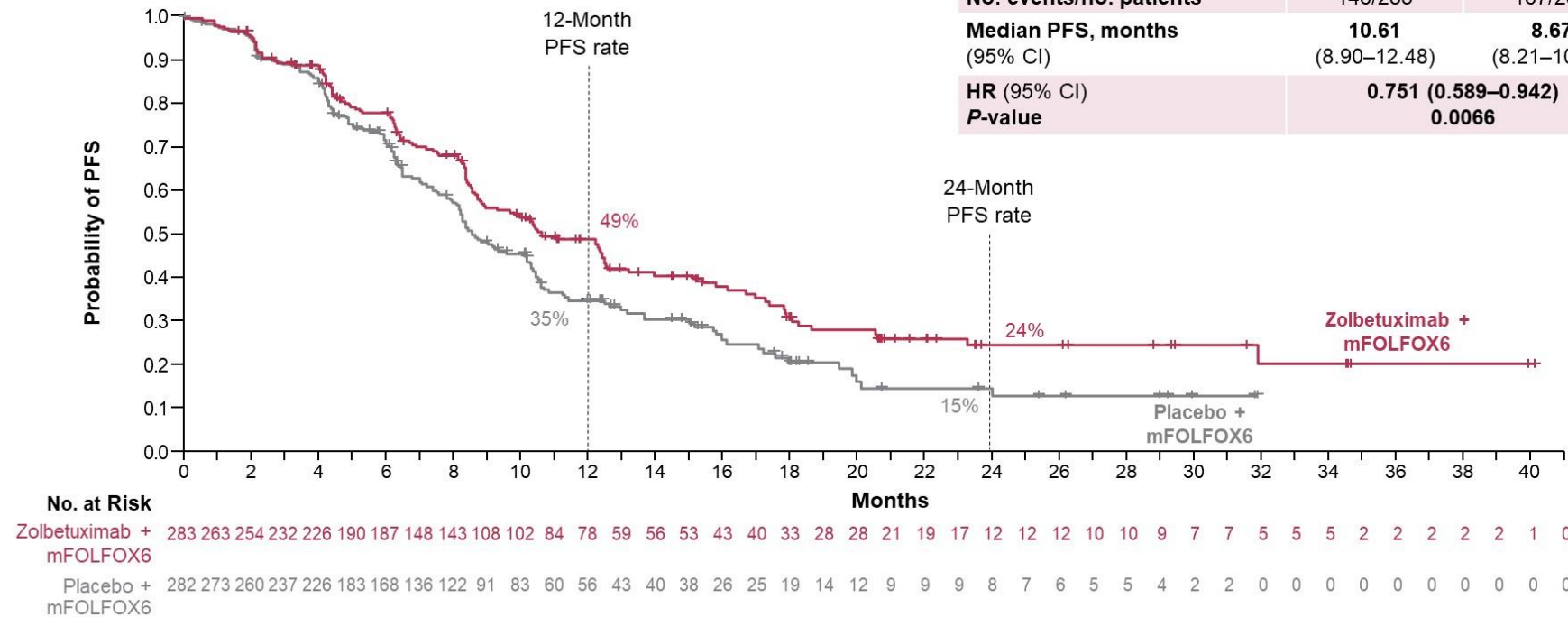


<sup>a</sup>Study was conducted at 215 sites in 20 countries across Australia, Asia, Europe, N. America, and S. America; <sup>b</sup>By central IHC using the analytically validated VENTANA CLDN18 (43-14A) RxDx Assay; <sup>c</sup>By central or local HER2 testing; <sup>d</sup>800 mg/m<sup>2</sup> at cycle 1 day 1 followed by 600 mg/m<sup>2</sup> on cycle 1 day 22 and days 1 and 22 of subsequent cycles; <sup>e</sup>Per RECIST v1.1 by independent review committee.



# Primary End Point: PFS by Independent Review Committee<sup>a</sup>

	Zolbetuximab + mFOLFOX6	Placebo + mFOLFOX6
No. events/no. patients	146/283	167/282
Median PFS, months (95% CI)	<b>10.61</b> (8.90–12.48)	<b>8.67</b> (8.21–10.28)
HR (95% CI)	<b>0.751 (0.589–0.942)</b>	
P-value	<b>0.0066</b>	

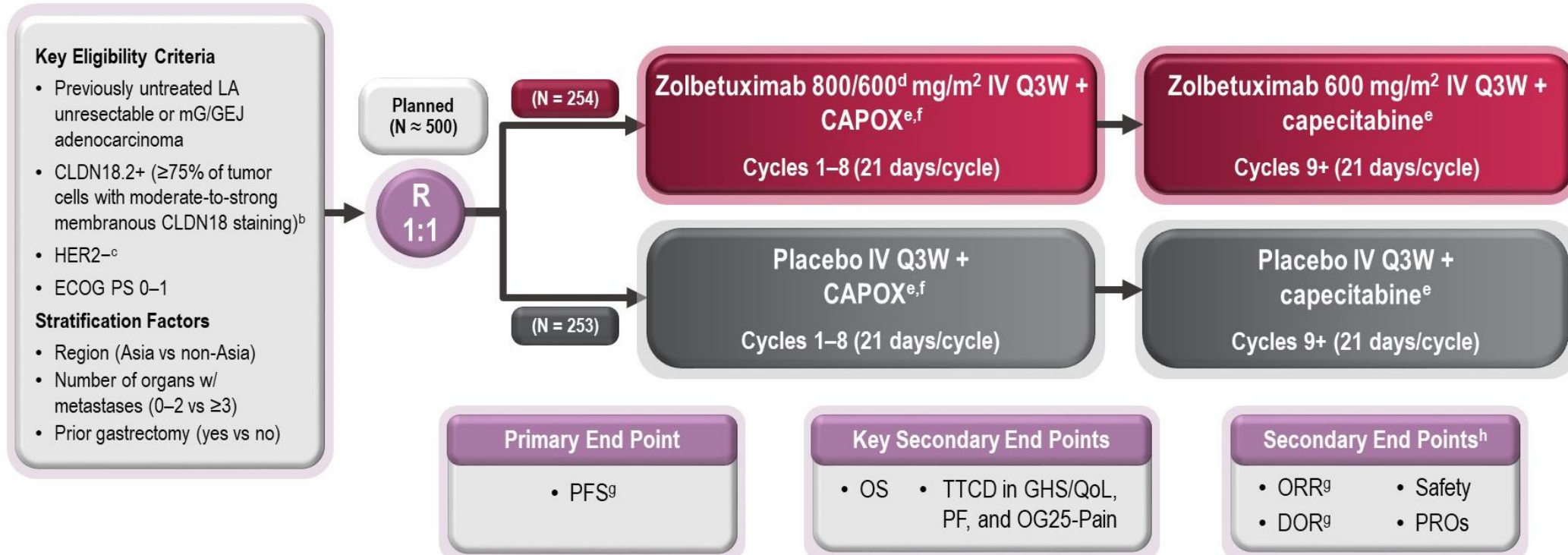


- PFS was significantly longer in patients treated with zolbetuximab + mFOLFOX6 vs placebo + mFOLFOX6

Data cutoff: September 9, 2022; Median follow-up = 12.94 months (zolbetuximab + mFOLFOX6) vs 12.65 months (placebo + mFOLFOX6).  
<sup>a</sup>Per RECIST version 1.1.



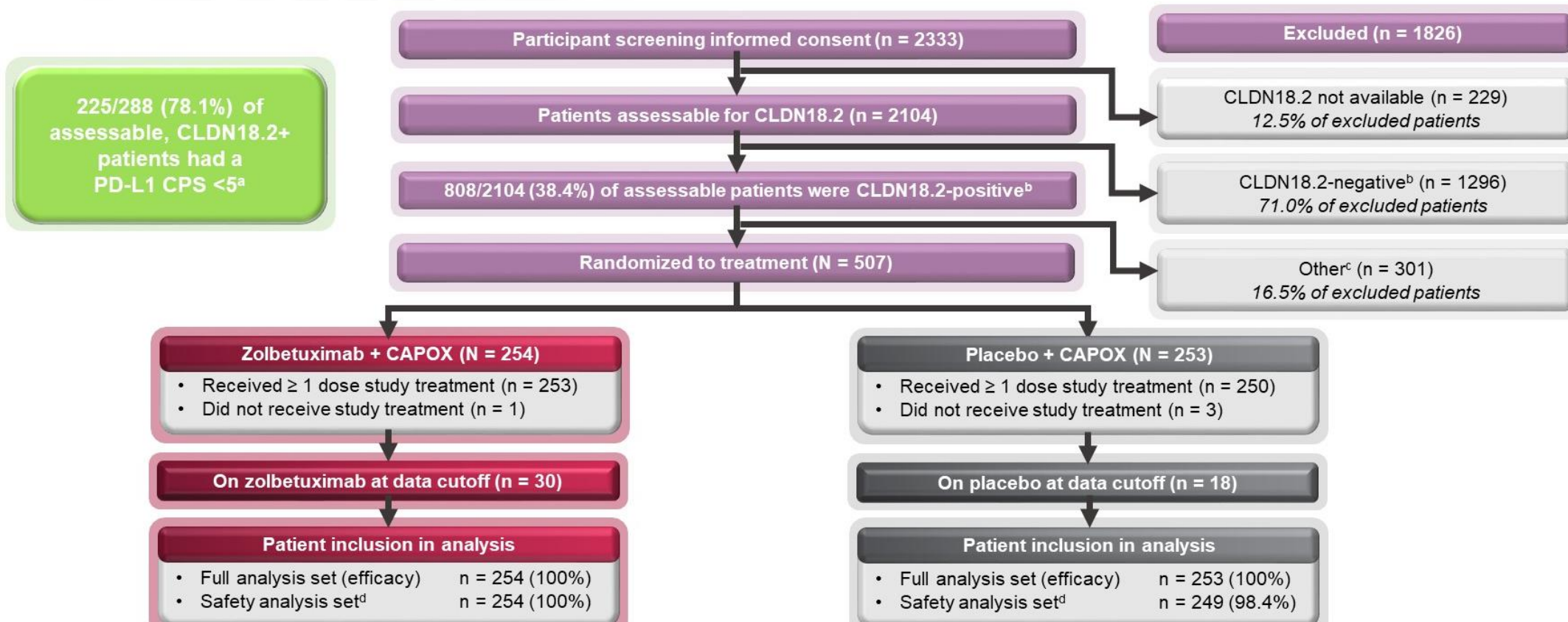
# The GLOW trial







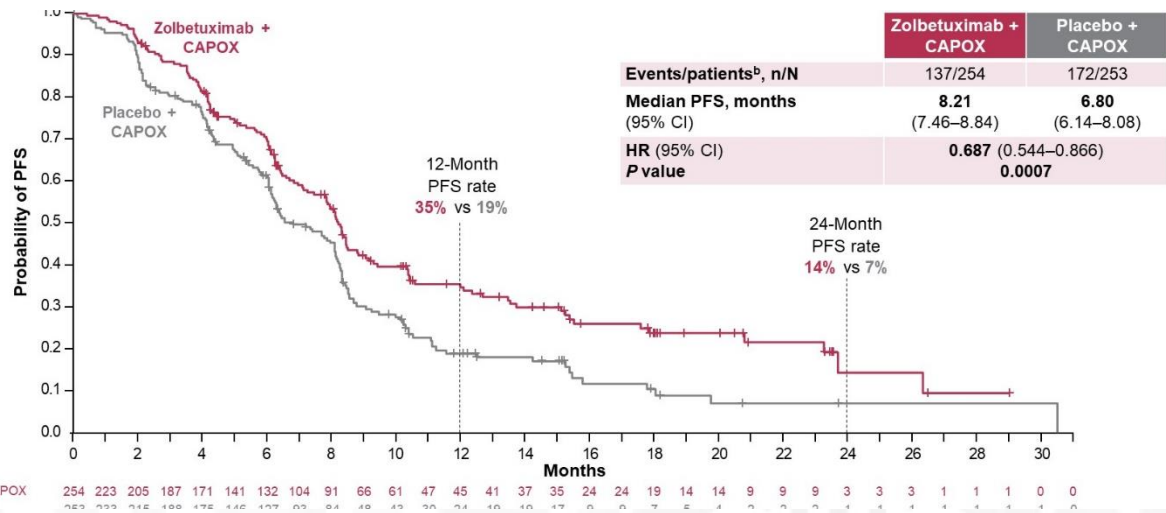
# The GLOW trial



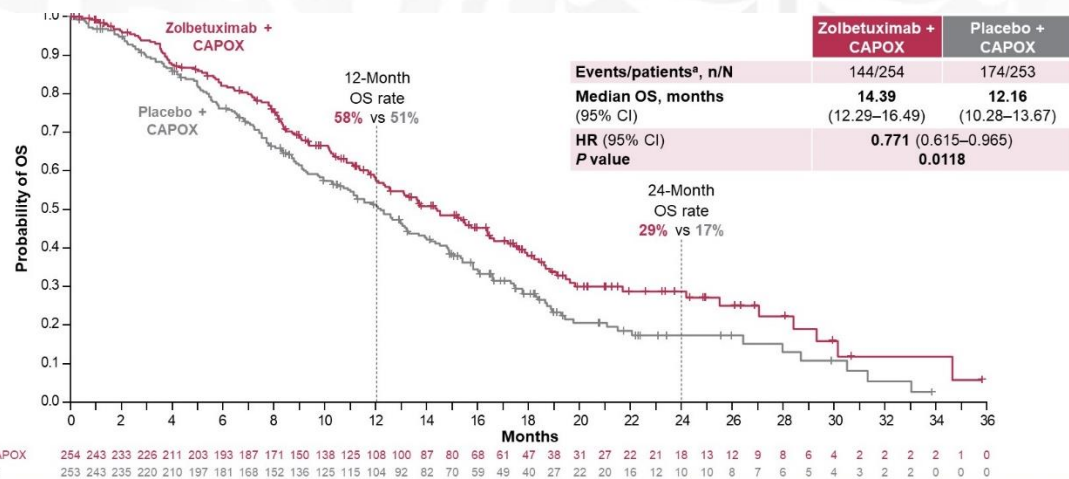




## PFS (Primary)



## OS (Secondary)

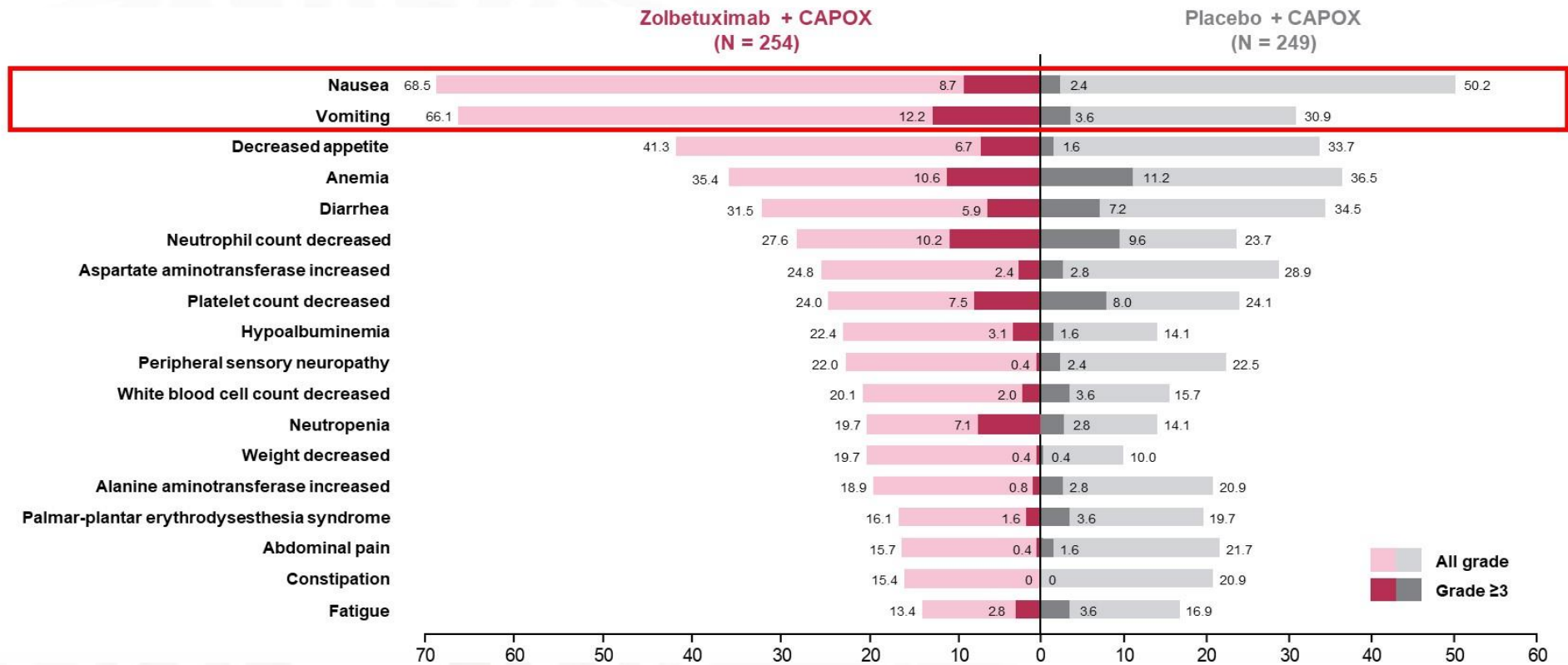


## RR (Secondary)

	Zolbetuximab + CAPOX (N = 195)	Placebo + CAPOX (N = 205)
ORR <sup>b</sup> , n (%)	105 (53.8)	100 (48.8)
95% CI	46.58–60.99	41.76–55.84
BOR <sup>c,d</sup> , n (%)		
CR	6 (3.1)	3 (1.5)
PR	99 (50.8)	97 (47.3)
SD	46 (23.6)	57 (27.8)
PD	10 (5.1)	25 (12.2)
Median DOR <sup>b,e</sup> , months (95% CI)	6.28 (5.39–8.28)	6.18 (4.53–6.41)



# TEAEs<sup>a</sup> Occurring in $\geq 15\%$ of All Treated Patients





# FLOW CHART carcinoma gastrico metastatico

