



Society for Immunotherapy of Cancer

Advances in Cancer Immunotherapy™

Results of Extended Follow-Up for Approved Agents

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Germany

#LearnACI

Disclosures

- Consulting Fees:

Amgen, Roche, Bayer, Sanofi, BMS, Lilly, Novartis, Eisai, AstraZeneca, Merck, Incyte, Ipsen, PierreFabre, MSD, Sirtex, BTG, Servier, Terumo.

- I will be discussing non-FDA approved indications during my presentation.

Results of Extended Follow-Up for Approved Agents

Gastric/esophageal cancer

- CHECKMATE-577
- CHECKMATE-649
- KEYNOTE-590

Hepatocellular Carcinoma

- CHECKMATE-469
- KEYNOTE-240
- IMBRAVE-150

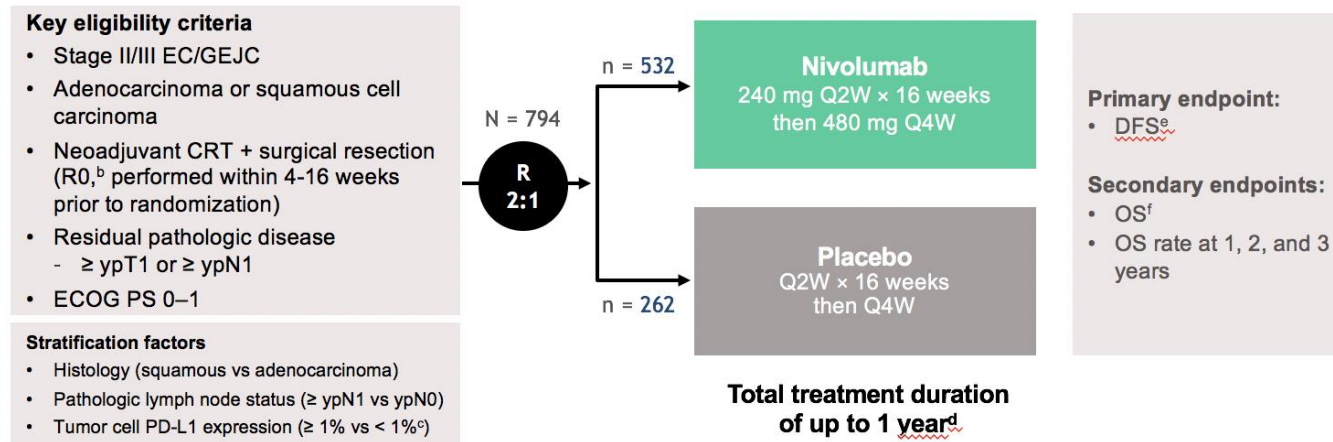
MSI Colon-Cancer

- KEYNOTE-177

Adjuvant nivolumab in resected esophageal or gastroesophageal junction cancer following neoadjuvant chemoradiation therapy: first results of the CheckMate 577 study

Ronan J. Kelly,¹ Jaffer A. Ajani,² Jaroslaw Kuzdzal,³ Thomas Zander,⁴ Eric Van Cutsem,⁵ Guillaume Piessen,⁶ Guillermo Mendez,⁷ Josephine Feliciano,⁸ Satoru Motoyama,⁹ Astrid Lièvre,¹⁰ Hope Uronis,¹¹ Elena Elimova,¹² Cecile Grootscholten,¹³ Karen Geboes,¹⁴ Jenny Zhang,¹⁵ Lili Zhu,¹⁵ Ming Lei,¹⁵ Kaoru Kondo,¹⁵ James M. Cleary,¹⁶ Markus Moehler¹⁷

- CheckMate 577 is a global, phase 3, randomized, double-blind, placebo-controlled trial^a



- Median follow-up was 24.4 months (range, 6.2-44.9)^g
- Geographical regions: Europe (38%), US and Canada (32%), Asia (13%), rest of the world (16%)

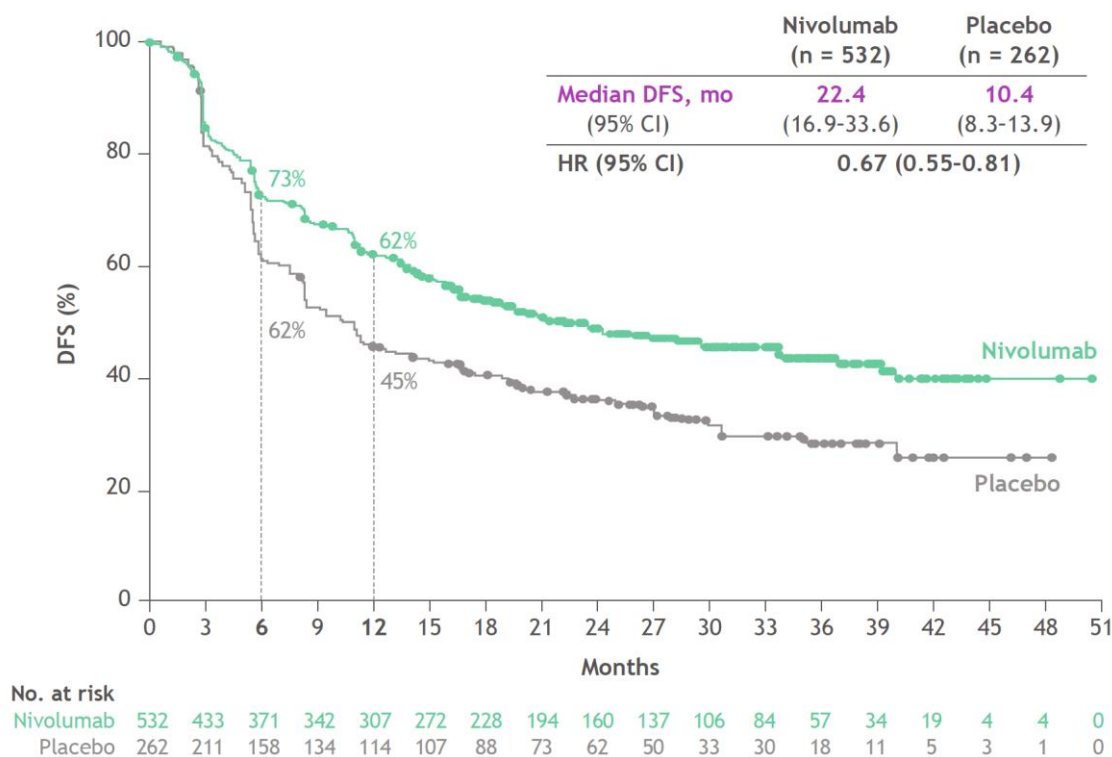
CHECKMATE-577: Baseline Characteristics

	Nivolumab (n = 532)	Placebo (n = 262)
Median age (range), years	62 (26-82)	61 (26-86)
Male, %	84	85
Race, ^a %		
White	81	82
Asian	16	13
ECOG PS, %		
0	58	60
1	42	40
Disease stage at initial diagnosis, %		
II	34	38
III	66	62
Tumor location, %		
EC	59	58
GEJC	41	42
Histology, ^b %		
Squamous cell carcinoma	29	29
Adenocarcinoma	71	71
Pathologic lymph node status ≥ ypN1, %	57	58
Tumor cell PD-L1 expression, ^{c,d} %		
≥ 1%	17	15
< 1%	70	75
Time from complete resection to randomization, %		
< 10 weeks	34	28
≥ 10 weeks	66	72

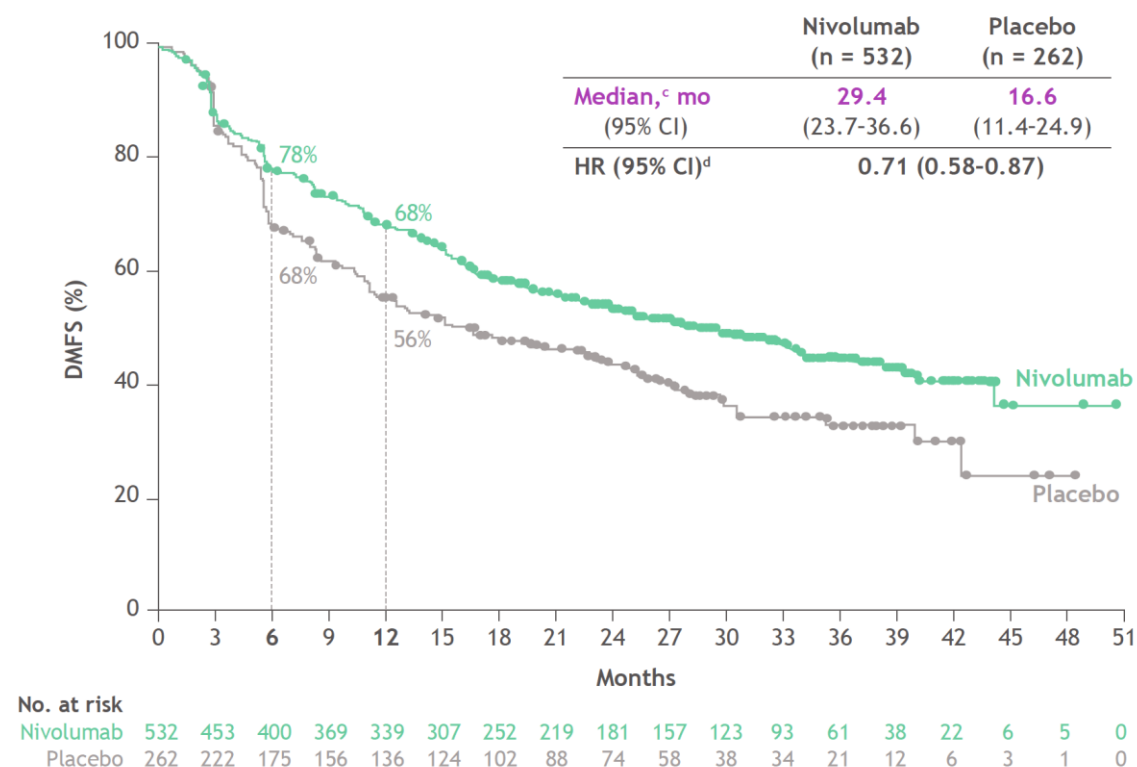
	Nivolumab ^a (n = 532)	Placebo ^a (n = 260)
Median duration of treatment (range), months	10.8 (< 0.1-14.2)	9.0 (< 0.1-15.0)
Discontinued treatment, n (%) ^b	532 (100)	260 (100)
Reasons for treatment discontinuation, n (%)		
Treatment completion	259 (49)	115 (44)
Disease progression	149 (28)	114 (44)
AEs related to treatment	57 (11)	8 (3)
AEs not related to treatment	16 (3)	9 (3)
Patient request	42 (8)	9 (3)
Other ^c	9 (2)	5 (2)

CHECKMATE-577: 14 Months Follow-up

Disease-free survival



Distant metastasis free survival



CHECKMATE-577: 14 Months Follow-up

Subgroup	Median DFS, mo		Unstratified HR	Unstratified HR (95% CI)
	Nivolumab	Placebo		
Overall (N = 794)	22.4	10.4	0.68	
Age, years				
< 65 (n = 507)	25.1	9.3	0.63	
≥ 65 (n = 287)	19.4	13.9	0.79	
Sex				
Male (n = 671)	21.3	10.3	0.70	
Female (n = 123)	29.3	11.0	0.62	
Race				
White (n = 648)	21.3	10.8	0.69	
Asian (n = 117)	29.7	9.7	0.71	
ECOG PS				
0 (n = 464)	26.6	11.1	0.71	
1 (n = 330)	18.5	9.3	0.64	
Tumor location at initial diagnosis				
Esophagus (n = 465)	23.4	8.3	0.61	
Gastroesophageal junction (n = 329)	21.4	16.8	0.80	
Histologic type				
Adenocarcinoma (n = 563)	19.6	10.4	0.73	
Squamous cell carcinoma (n = 230)	29.7	10.6	0.60	
Tumor cell PD-L1 expression*				
≥ 1% (n = 129)	28.3	10.2	0.68	
< 1% (n = 567)	20.8	11.0	0.70	
Indeterminate/nonevaluable (n = 98)	26.6	9.9	0.64	
PD-L1 CPS ^{a,b}				
≥ 5 (n = 371)	29.3	8.5	0.60	
< 5 (n = 295)	15.3	11.1	0.85	
Indeterminate/nonevaluable/NR (n = 128)	26.6	10.8	0.64	
Pathologic lymph node status				
ypN0 (n = 337)	Not reached	27.0	0.71	
≥ ypN1 (n = 457)	14.8	7.6	0.65	
Pathological tumor status ^c				
ypT0 ^d (n = 45)	34.0	5.2	0.40	
ypT1 or ypT2 (n = 311)	29.3	9.2	0.59	
ypT3 or ypT4 (n = 436)	18.5	11.5	0.80	
Time from complete resection to randomization				
< 10 weeks (n = 256)	24.0	12.7	0.85	
≥ 10 weeks (n = 538)	21.3	9.3	0.63	

CONCLUSION: in long-term follow-up
clear advantage for nivolumab with regard to
DFS (HR .67) and
DFS free of distant metastases (HR .71)

Advantage across all subgroups:
Especially SCC (HR 0.6 vs 0.73)
Tumors with CPS ≥ 5 (HR .60 vs .85).

Nivolumab plus chemotherapy or ipilimumab **vs** chemotherapy as first-line treatment for advanced gastric cancer/gastroesophageal junction cancer/ esophageal adenocarcinoma: CheckMate 649 study

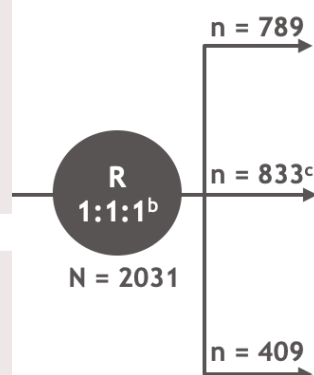
Yelena Y. Janjigian,¹ Jaffer A. Ajani,² Markus Moehler,³ Marcelo Garrido,⁴ Carlos Gallardo,⁵ Lin Shen,⁶ Kensei Yamaguchi,⁷ Lucjan Wyrwicz,⁸ Tomasz Skoczylas,⁹ Arinilda Bragagnoli,¹⁰ Tianshu Liu,¹¹ Mustapha Tehfe,¹² Elena Elimova,¹³ Mingshun Li,¹⁴ Valerie Poulart,¹⁴ Ming Lei,¹⁴ Kaoru Kondo,¹⁴ Kohei Shitara¹⁵

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 $< 1\%$ ^a)
- Region (Asia vs United States/Canada vs ROW)
- ECOG PS (0 vs 1)
- Chemo (XELOX vs FOLFOX)



Dual primary endpoints

- NIVO + chemo vs chemo*
- OS and PFS per BICR (PD-L1 CPS ≥ 5)

Hierarchically tested secondary efficacy endpoints

- NIVO + chemo vs chemo*
- OS (PD-L1 CPS ≥ 1 , all randomized)

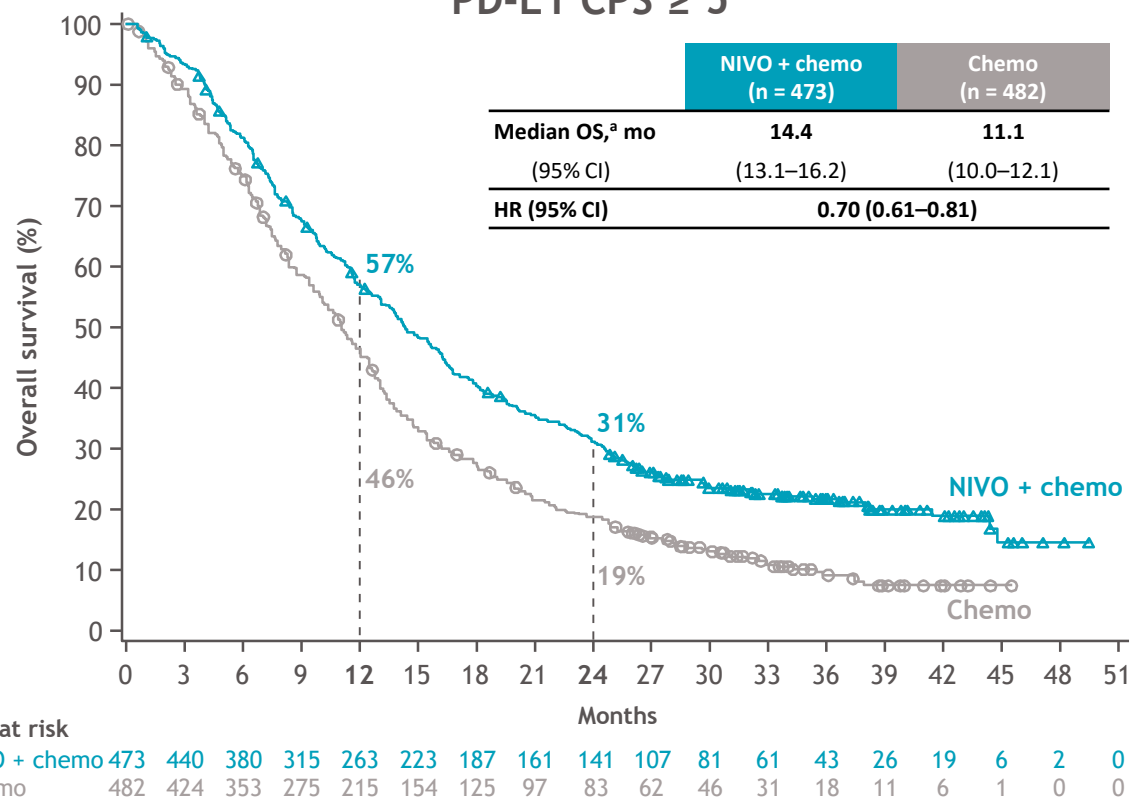
- NIVO + IPI vs chemo*
- OS (PD-L1 CPS ≥ 5 , all randomized)

CHECKMATE-649: Baseline Characteristics

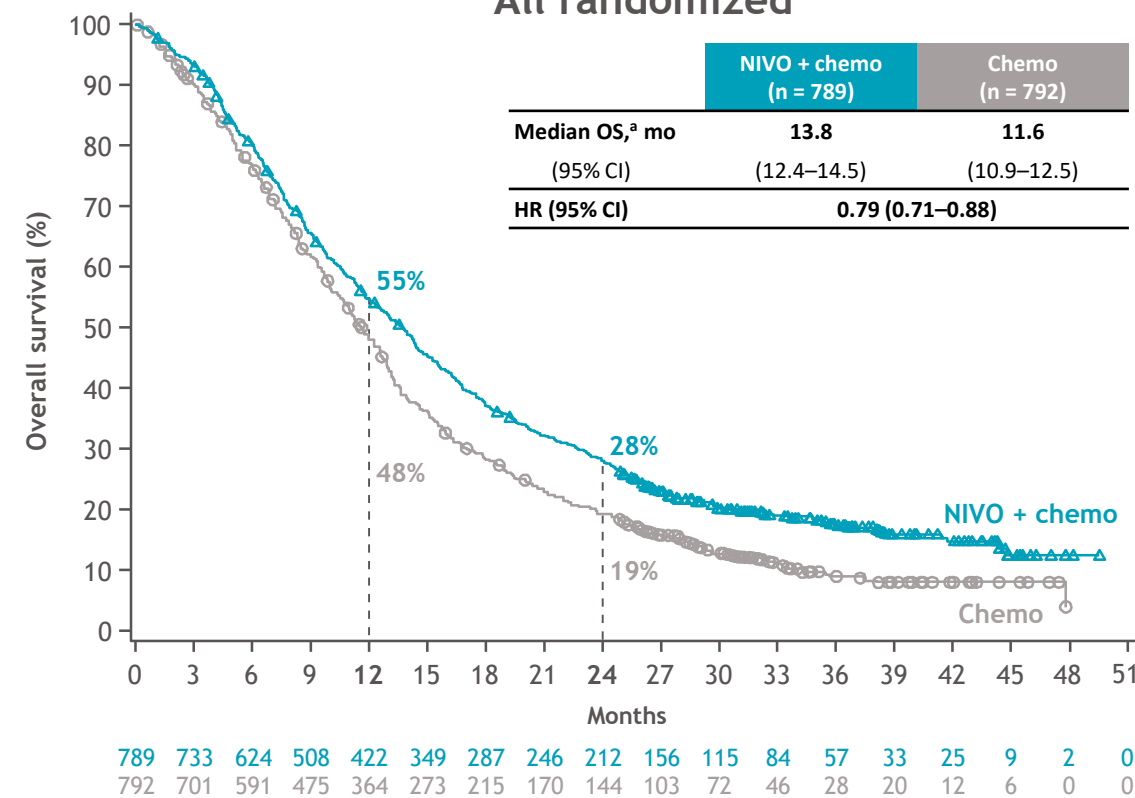
All randomized ^a	NIVO + chemo (n = 789) ^b	Chemo (n = 792) ^b	NIVO + IPI (n = 409) ^c	Chemo (n = 404) ^c
Median age (range), years	62 (54-69)	61 (53-68)	62 (22-84)	61 (23-90)
Male	68	71	68	69
Non-Asian/Asian	76/24	76/24	70/30	70/30
ECOG PS 1	59	57	53	53
Primary tumor location				
GC	70	70	69	70
GEJC	17	16	20	18
EAC	13	14	11	12
Metastatic disease	96	95	96	96
Liver metastases	38	40	36	40
Signet ring cell carcinoma	18	17	17	21
PD-L1 CPS ≥ 5 ^d	60	61	58	60
Tumor cell PD-L1 ≥ 1% ^d	16	16	17	17
MSI status ^e				
MSS	88	86	87	85
MSI-high	3	3	3	2
FOLFOX/XELOX received on study ^f	54/46	53/47	NA	47/53

CHECKMATE-649: 24 Monats Follow-up

PD-L1 CPS ≥ 5



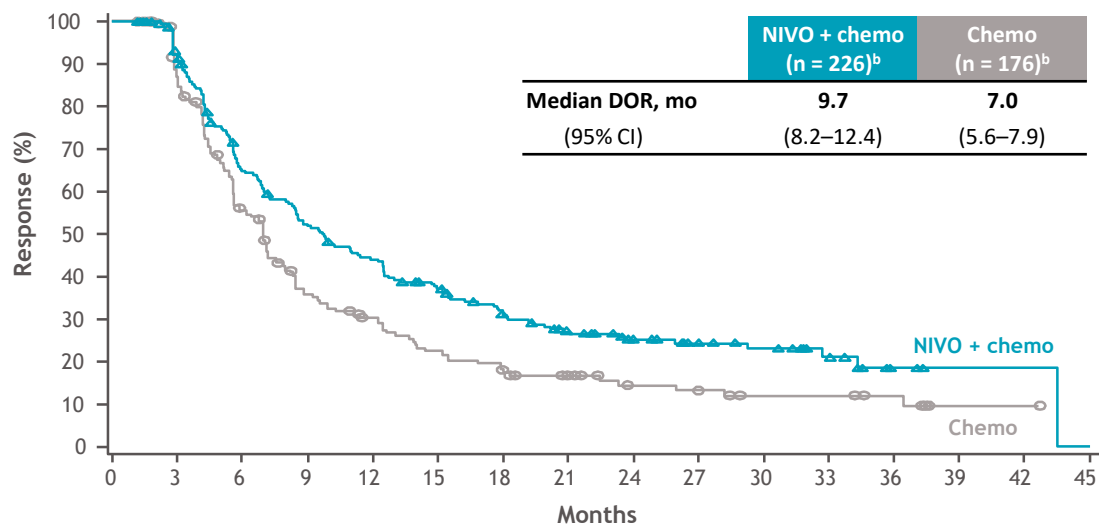
All randomized



CHECKMATE-649: 24 Months Follow-up

PD-L1 CPS ≥ 5

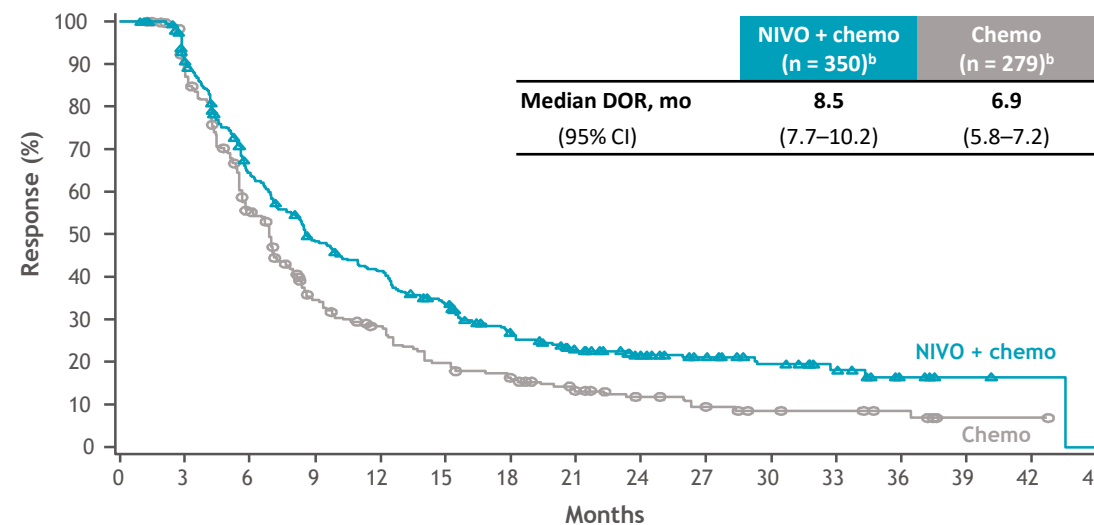
Response per BICR	NIVO + chemo (n = 378) ^a	Chemo (n = 390) ^a
ORR, % (95% CI)	60 (55–65)	45 (40–50)
CR	13	7
PR	47	38
SD	28	34
PD	7	11



No. at risk	226	196	135	107	90	73	58	45	34	25	20	10	3	1	1	0
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

All randomized

Response per BICR	NIVO + chemo (n = 603) ^a	Chemo (n = 607) ^a
ORR, % (95% CI)	58 (54–62)	46 (42–50)
CR	11	6
PR	47	40
SD	29	33
PD	7	10



No. at risk	350	302	206	152	129	102	75	58	44	32	24	13	5	2	1	0
NIVO + chemo	350	302	206	152	129	102	75	58	44	32	24	13	5	2	1	0
Chemo	279	232	138	78	60	42	33	23	16	12	8	7	5	1	1	0

CHECKMATE-649: Conclusion

- NIVO + chemo continued to demonstrate improvement in OS, PFS, and objective responses vs chemo in previously untreated patients with advanced GC/GEJC/EAC with an additional 12-month follow-up
 - Clinically meaningful long-term OS and PFS benefit with sustained separation of the KM curves
 - Higher ORR and more durable responses
 - Deepening of response with additional complete responses with longer follow-up
- NIVO + IPI did not significantly improve OS vs chemo in patients with PD-L1 CPS ≥ 5
- No new safety signals were identified with NIVO + chemo or NIVO + IPI
- Longer follow-up data for NIVO + chemo further support its use as a new standard 1L treatment in patients with advanced GC/GEJC/EAC

Pembrolizumab plus chemotherapy versus chemotherapy alone for first-line treatment of advanced oesophageal cancer (KEYNOTE-590): a randomised, placebo-controlled, phase 3 study



Jong-Mu Sun, Lin Shen, Manish A Shah, Peter Enzinger, Antoine Adenis, Toshihiko Doi, Takashi Kojima, Jean-Philippe Metges, Zhigang Li, Sung-Bae Kim, Byoung Chul Cho, Wasat Mansoor, Shau-Hsuan Li, Patrapim Sunpaweravong, Maria Alsina Maqueda, Eray Goekkurt, Hiroki Hara, Luis Antunes, Christos Fountzilas, Akihito Tsuji, Victor Castro Oliden, Qi Liu, Sukrut Shah, Pooja Bhagia, Ken Kato, on behalf of the KEYNOTE-590 Investigators*

Haupteinschlusskriterien

- Lokal fortgeschrittenes nicht resektables oder metastasiertes EAC oder ESCC oder fortgeschrittenes/metastasiertes EGJ-Adenokarzinom vom Siewert-Typ 1
- Therapienaiv
- ECOG PS 0 oder 1
- Messbare Erkrankung (RECIST 1.1)

Stratifikationsfaktoren

- Asiatisch vs Nicht-Asiatisch
- ESCC vs EAC
- ECOG PS 0 vs 1

R
1:1

Pembrolizumab 200 mg i.v. Q3W über ≤35 Zyklen

+
Chemotherapie

5-FU 800 mg/m² i.v. an den Tagen 1–5 Q3W über ≤35 Zyklen
+ Cisplatin 80 mg/m² i.v. Q3W über ≤6 Zyklen

Placebo

+

Chemotherapie

5-FU 800 mg/m² i.v. an den Tagen 1–5 Q3W über ≤35 Zyklen
+ Cisplatin 80 mg/m² i.v. Q3W über ≤6 Zyklen

- Duale primäre Endpunkte: OS und PFS (beurteilt vom Prüfer gemäß RECIST 1.1)
- Sekundärer Endpunkt: ORR (beurteilt vom Prüfer gemäß RECIST 1.1)
- Beurteilung des Tumoransprechens in Woche 9, dann Q9W (beurteilt vom Prüfer gemäß RECIST 1.1)

KEYNOTE-590

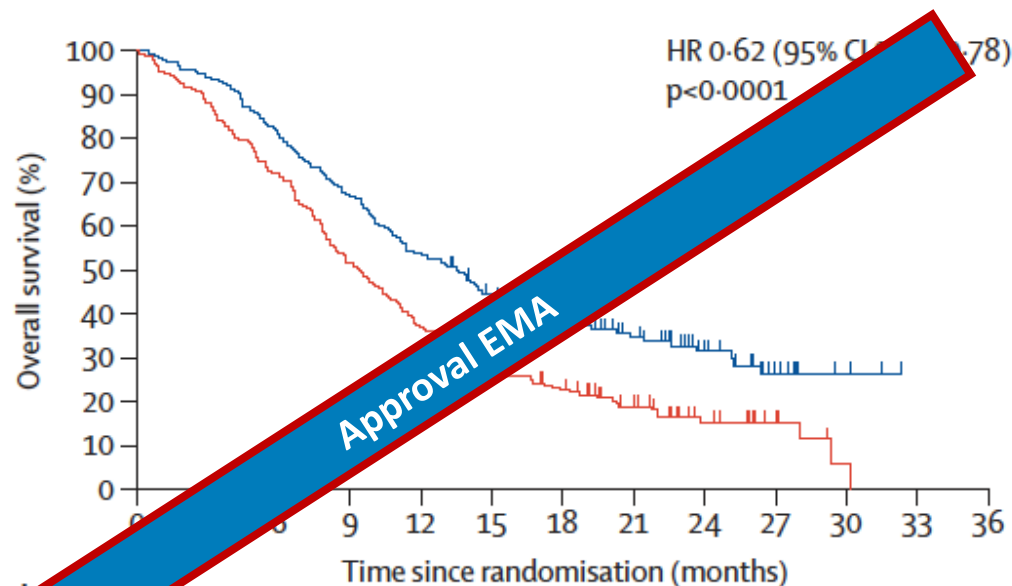
Characteristic, n (%) ^a	Pembrolizumab + chemotherapy n=373
Median age, years (range)	64.0 (28–94)
≥65 years	172 (46.0)
Male sex	306 (82.0)
Asia region	196 (52.5)
ECOG PS 1	223 (59.8)
Metastatic disease	344 (92.2)
Unresectable/locally advanced	29 (7.8)
SCC	274 (73.5)
AC	99 (26.5)
Oesophageal	58 (15.5)
Gastro-oesophageal junction	26.5%
PD-L1 CPS ≥10 ^b	186 (49.9)

	Pembrolizumab plus chemotherapy group (n=373)	Placebo plus chemotherapy group (n=376)
Age, years		
Median (range)	64 (28–94)	62 (27–89)
≥65	172 (46%)	150 (40%)
Sex		
Female	67 (18%)	57 (15%)
Male	306 (82%)	319 (85%)
Asia region*	196 (53%)	197 (52%)
Race		
Asian	201 (54%)	199 (53%)
White	139 (37%)	139 (37%)
Missing	14 (4%)	15 (4%)
Native American	9 (2%)	12 (3%)
African American	5 (1%)	2 (1%)
Other†	5 (1%)	9 (2%)
ECOG performance status		
0	149 (40%)	150 (40%)
1	223 (60%)	225 (60%)
2	1 (<1%)	1 (<1%)
Oesophageal squamous cell carcinoma	274 (73%)	274 (73%)
Adenocarcinoma	99 (27%)	102 (27%)
Oesophageal adenocarcinoma	58 (16%)	52 (14%)
Siewert type 1 gastro-oesophageal junction adenocarcinoma‡	41 (11%)	50 (13%)
Disease status		
Metastatic	344 (92%)	339 (90%)
Unresectable locally advanced	29 (8%)	37 (10%)
PD-L1 CPS ≥10	186 (50%)	197 (52%)
Oesophageal squamous cell carcinoma	143 (38%)	143 (38%)
Adenocarcinoma	43 (12%)	54 (14%)
PD-L1 CPS <10	175 (47%)	172 (46%)
Oesophageal squamous cell carcinoma	121 (32%)	126 (34%)
Adenocarcinoma	54 (14%)	46 (12%)
PD-L1 status not evaluable or missing	12 (3%)	7 (2%)

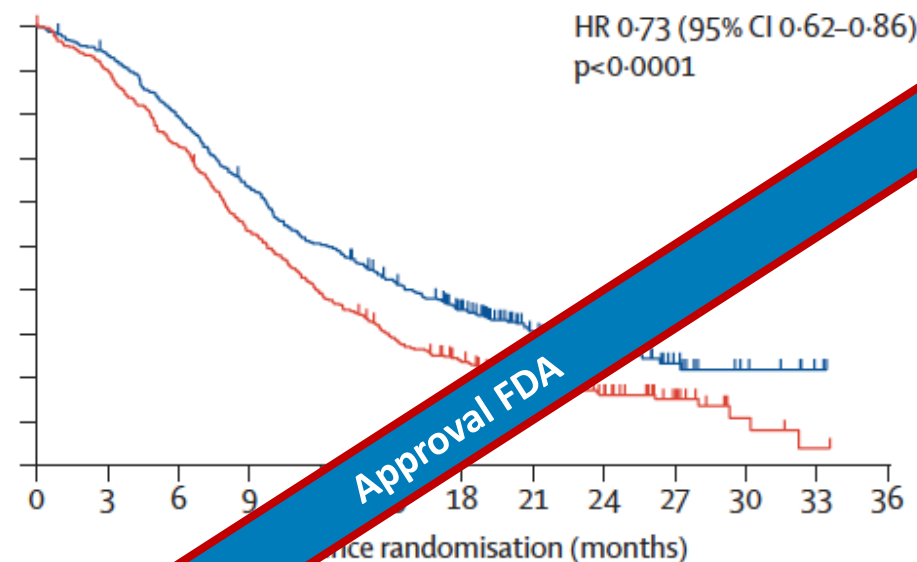
Data are n (%) unless otherwise stated. ECOG=Eastern Cooperative Oncology Group. CPS=combined positive score. *Countries in the Asia region include China, Hong Kong, Japan, South Korea, and Taiwan. †Other includes patients with multiple ethnicities. ‡58 patients were HER2-negative, 1 patient was HER2-positive, and 32 had unknown HER2 status.

CHECKMATE-590: 24 Months Follow-up

Patients with CPS ≥10



Alle randomized patients



Number at risk		Time since randomisation (months)													Time since randomisation (months)												
	(number censored)	0	3	6	9	12	15	18	21	24	27	30	33	36	0	3	6	9	12	15	18	21	24	27	30	33	36
Pembrolizumab plus chemotherapy group		186	175	151	125	100	79	66	40	23	10	4	0	0	375	355	235	187	151	118	68	36	17	7	2	0	
		(0)	(0)	(0)	(0)	(0)	(4)	(9)	(28)	(42)	(52)	(58)	(58)	(58)	(0)	(2)	(3)	(3)	(9)	(17)	(54)	(81)	(95)	(104)	(109)	(111)	
Placebo plus chemotherapy group		197	174	142	102	73	55	42	28	13	6	1	0	0	338	274	200	147	108	82	51	28	15	4	1	0	
		(0)	(0)	(0)	(0)	(0)	(1)	(3)	(11)	(22)	(29)	(32)	(32)	(32)	(0)	(1)	(1)	(2)	(2)	(5)	(11)	(28)	(44)	(56)	(65)	(66)	(67)

Results of Extended Follow-Up for Approved Agents

Gastric/esophageal cancer

- CHECKMATE-577
- CHECKMATE-649
- KEYNOTE-590

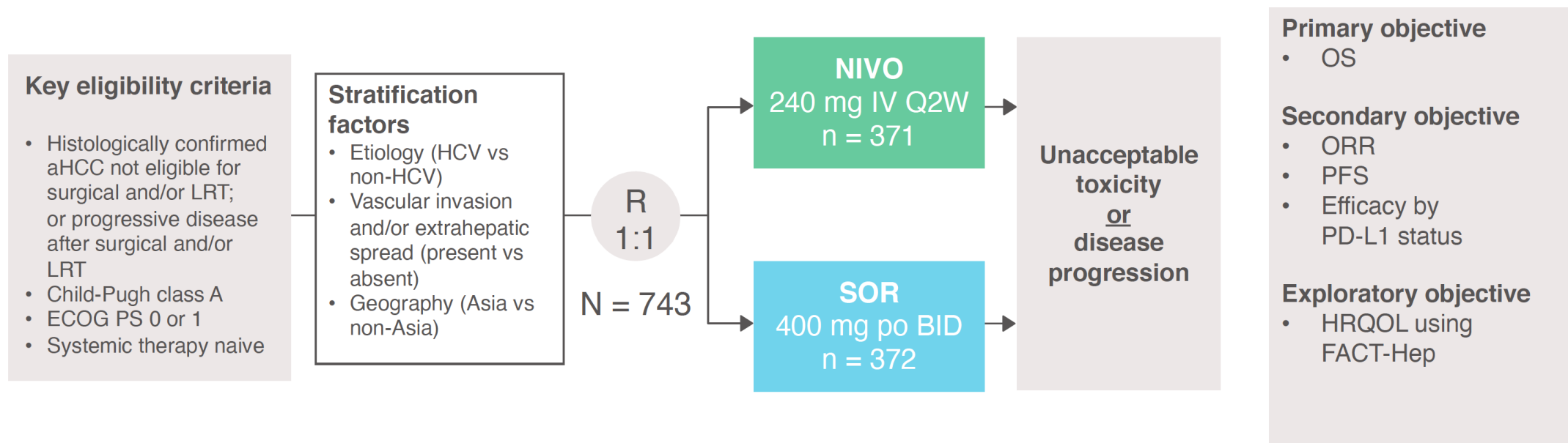
Hepatocellular Carcinoma

- CHECKMATE-469
- KEYNOTE-240
- IMBRAVE-150

MSI Colon-Cancer

- KEYNOTE-177

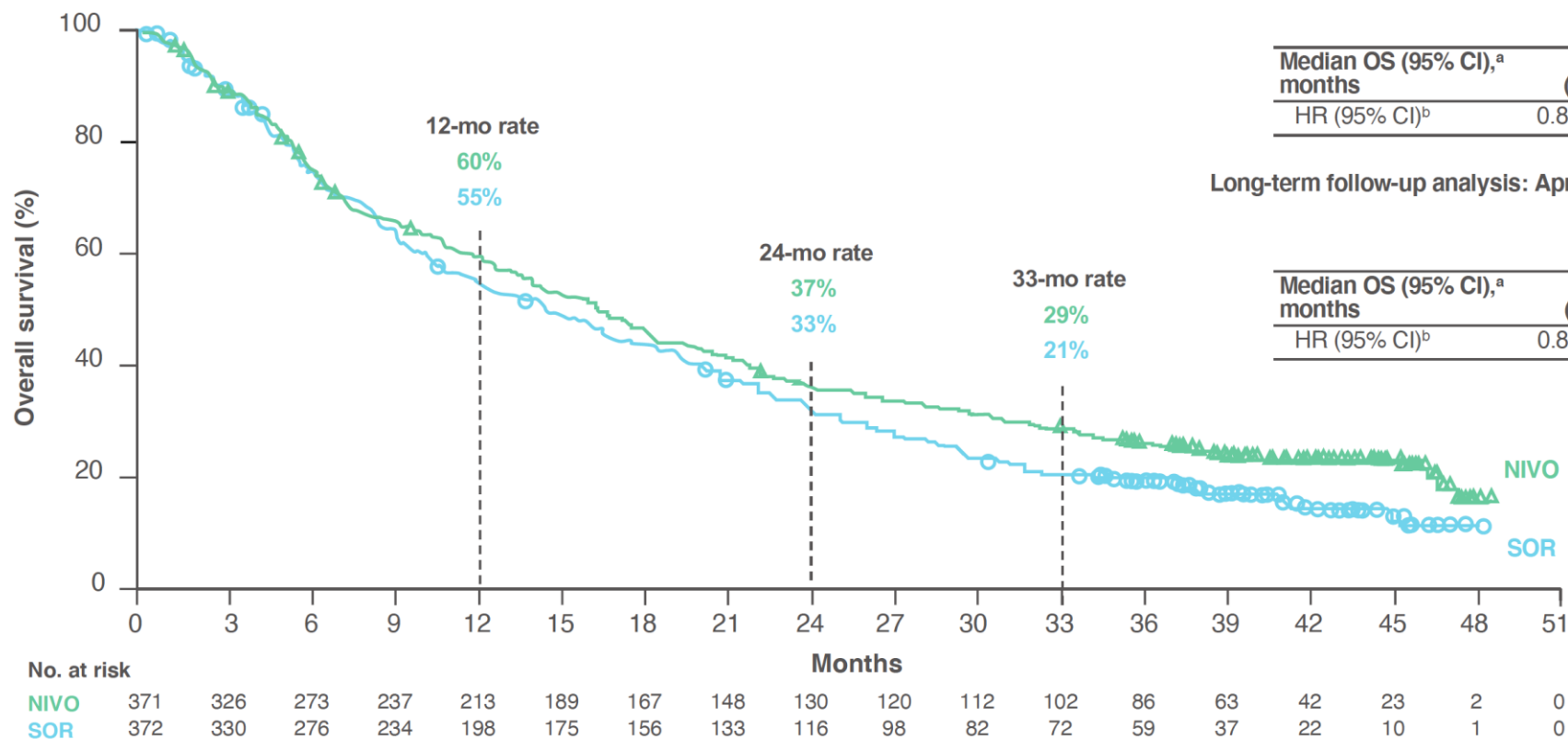
CheckMate 459: long-term survival outcomes with nivolumab versus sorafenib as first-line treatment in patients with advanced hepatocellular carcinoma



- **Patient randomization:** January 2016–May 2017

CHECKMATE-459: 34 Months Follow-up

Overall survival



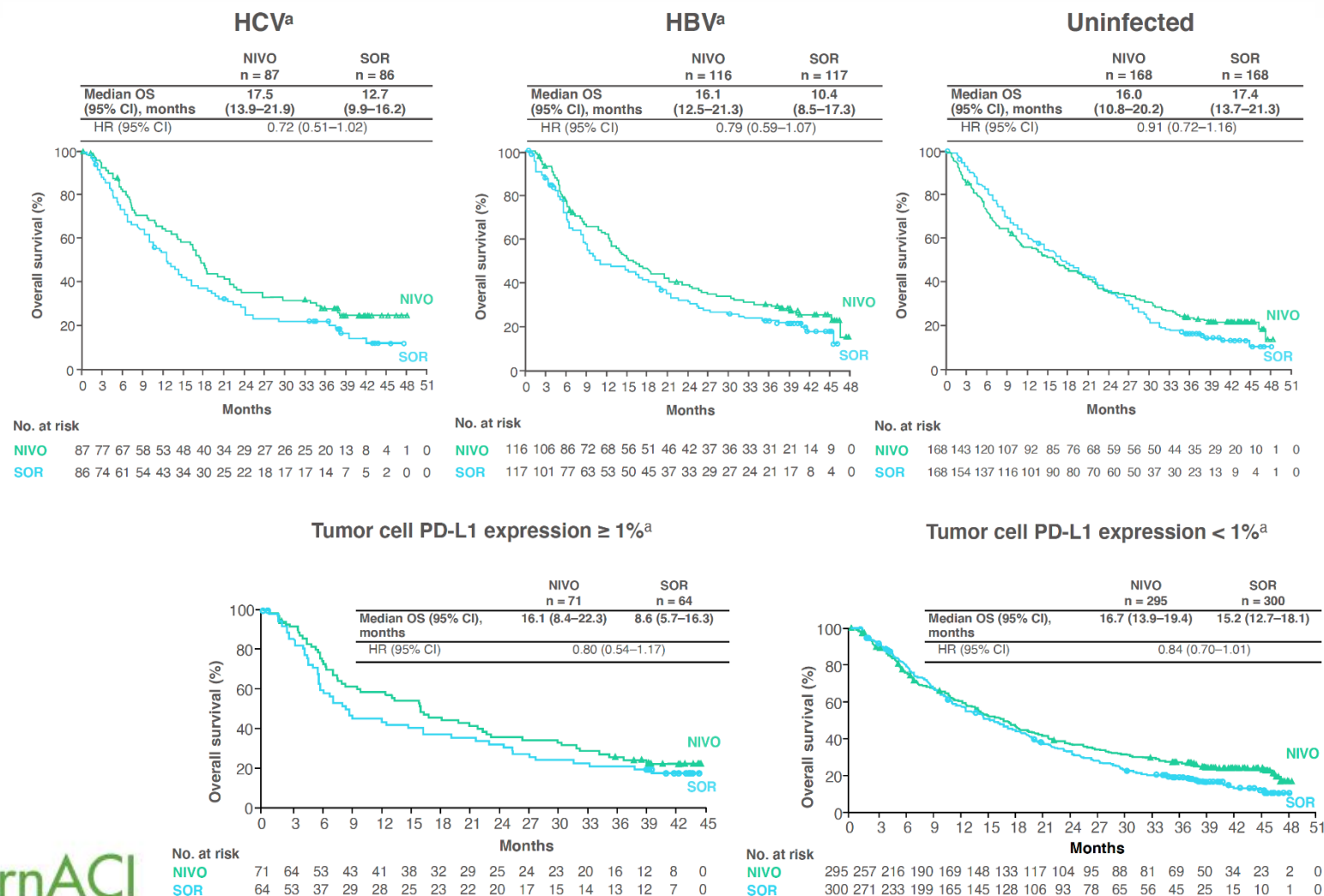
Primary analysis: June 2019 DBL

	NIVO n = 371	SOR n = 372
Median OS (95% CI), ^a months	16.4 (13.9–18.4)	14.7 (11.9–17.2)
HR (95% CI) ^b	0.85 (0.72–1.02); <i>P</i> value ^c = 0.0752	

Long-term follow-up analysis: April 2020 DBL^d

	NIVO n = 371	SOR n = 372
Median OS (95% CI), ^a months	16.4 (14.0–18.5)	14.8 (12.1–17.3)
HR (95% CI) ^b	0.85 (0.72–1.00); <i>P</i> value ^c = 0.0522	

CHECKMATE-459: 34 Months Follow-up





Pembrolizumab Versus Placebo in Patients With Advanced Hepatocellular Carcinoma Previously Treated With Sorafenib: Updated Data From the Randomized, Phase 3 KEYNOTE-240 Study

Philippe Merle,¹ Julien Edeline,² Mohamed Bouattour,³ Ann-Lii Cheng,⁴ Stephen L. Chan,⁵ Thomas Yau,⁶ Marcelo Garrido,⁷ Jennifer Knox,⁸ Bruno Daniele,⁹ Andrew X. Zhu,¹⁰ Valeriy Breder,¹¹ Ho Yeong Lim,¹² Sadahisa Ogasawara,¹³ Abby B. Siegel,¹⁴ Ahmadur Rahman,^{14,a} Ziwen Wei,¹⁴ Richard S. Finn¹⁵

Key Eligibility Criteria

- Pathologically/radiographically confirmed HCC
- Progression on/intolerance to sorafenib
- Child Pugh class A
- BCLC stage B/C
- ECOG PS 0-1
- Measurable disease per RECIST v1.1
- Main portal vein invasion was excluded

Stratification Factors

- Geographic region (Asia w/o Japan vs non-Asia w/Japan)
- Macrovascular invasion (Y vs N)
- AFP level (≥200 vs <200 ng/mL)

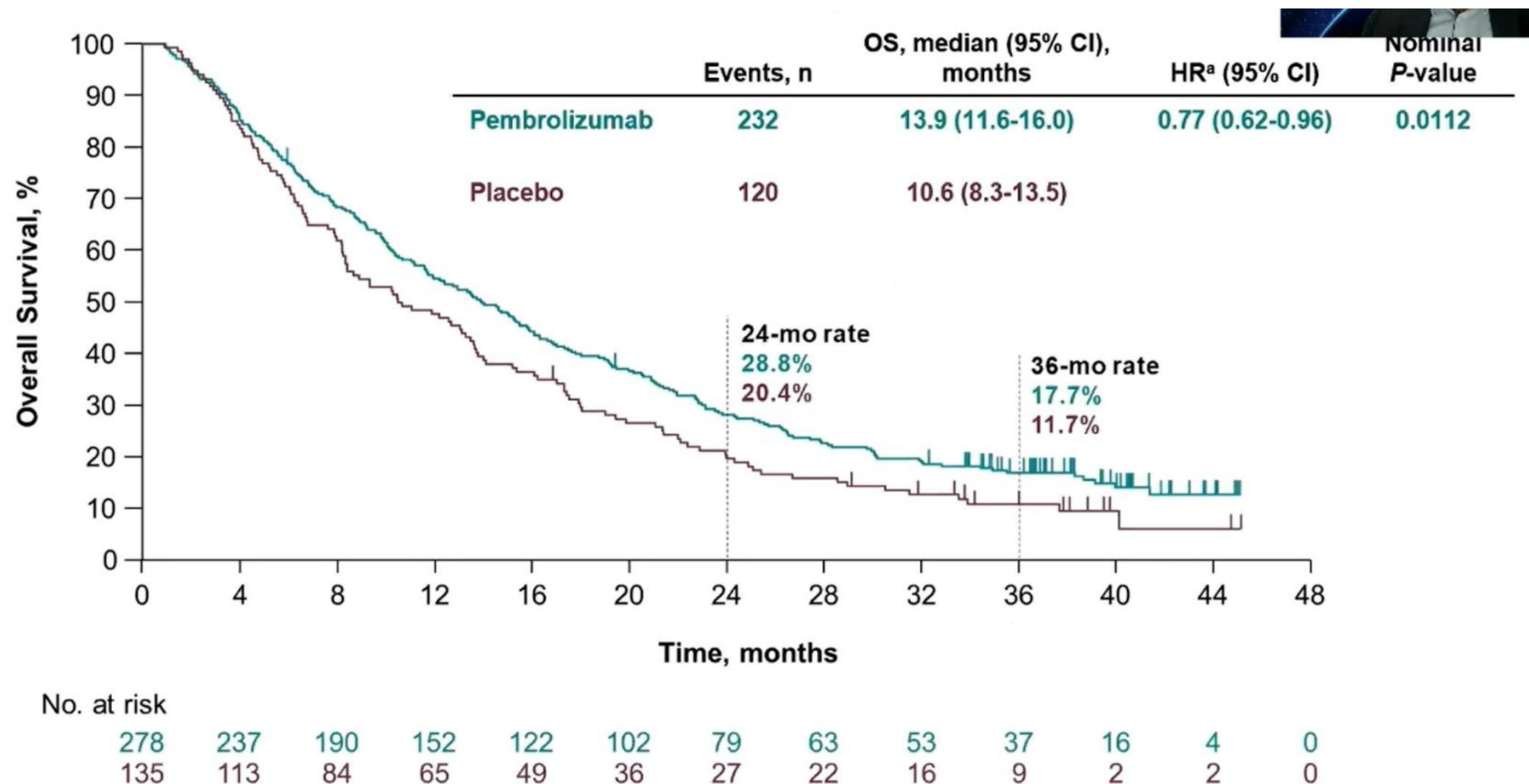
Randomized 2:1
N = 413

Pembrolizumab
200 mg Q3W + BSC

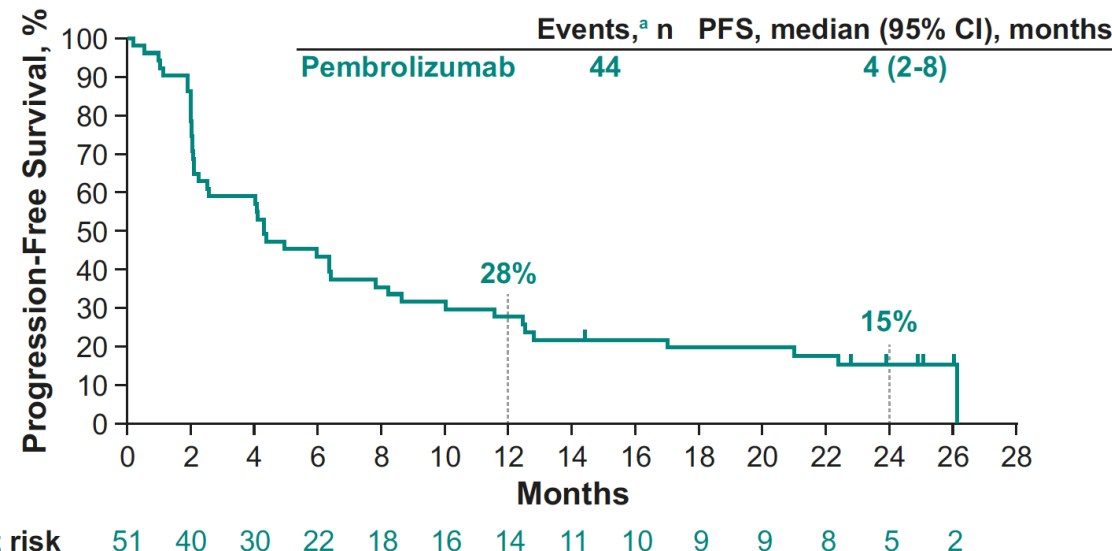
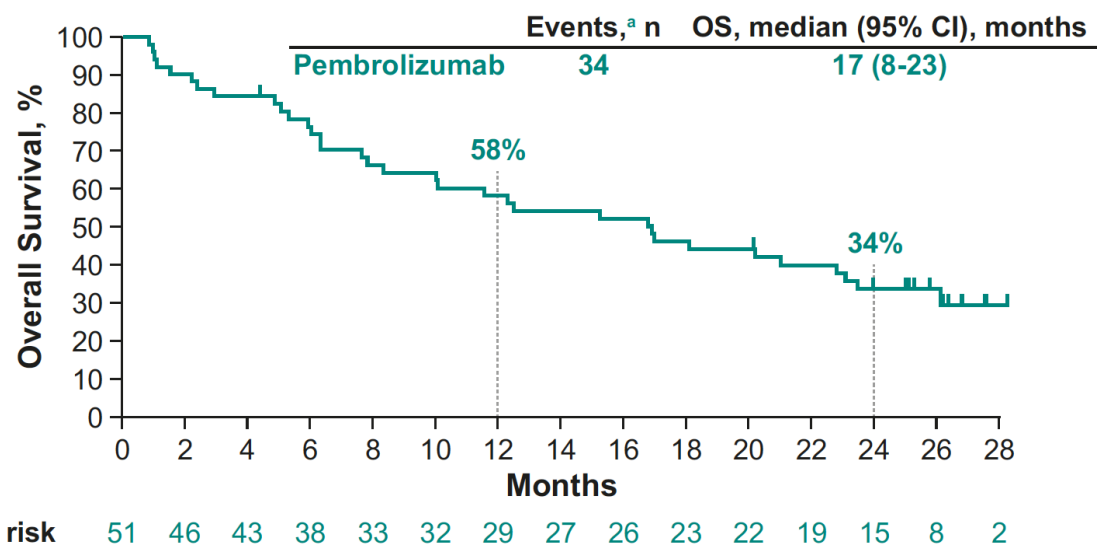
Saline-placebo
Q3W + BSC

- Enrollment May 31, 2016 – November 23, 2017

KEYNOTE-240: 40 Months Follow-up

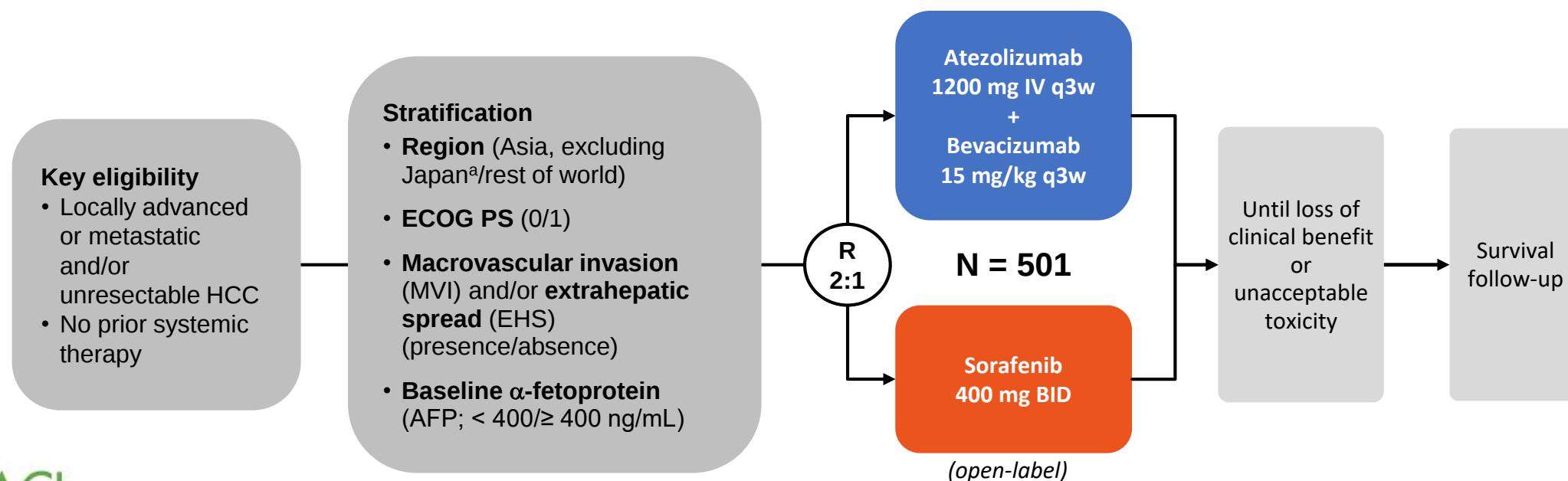


KEYNOTE-224: 27 Months Follow-up



IMbrave150: updated overall survival data from a global, randomized, open-label Phase III study of atezolizumab + bevacizumab vs sorafenib in patients with unresectable hepatocellular carcinoma

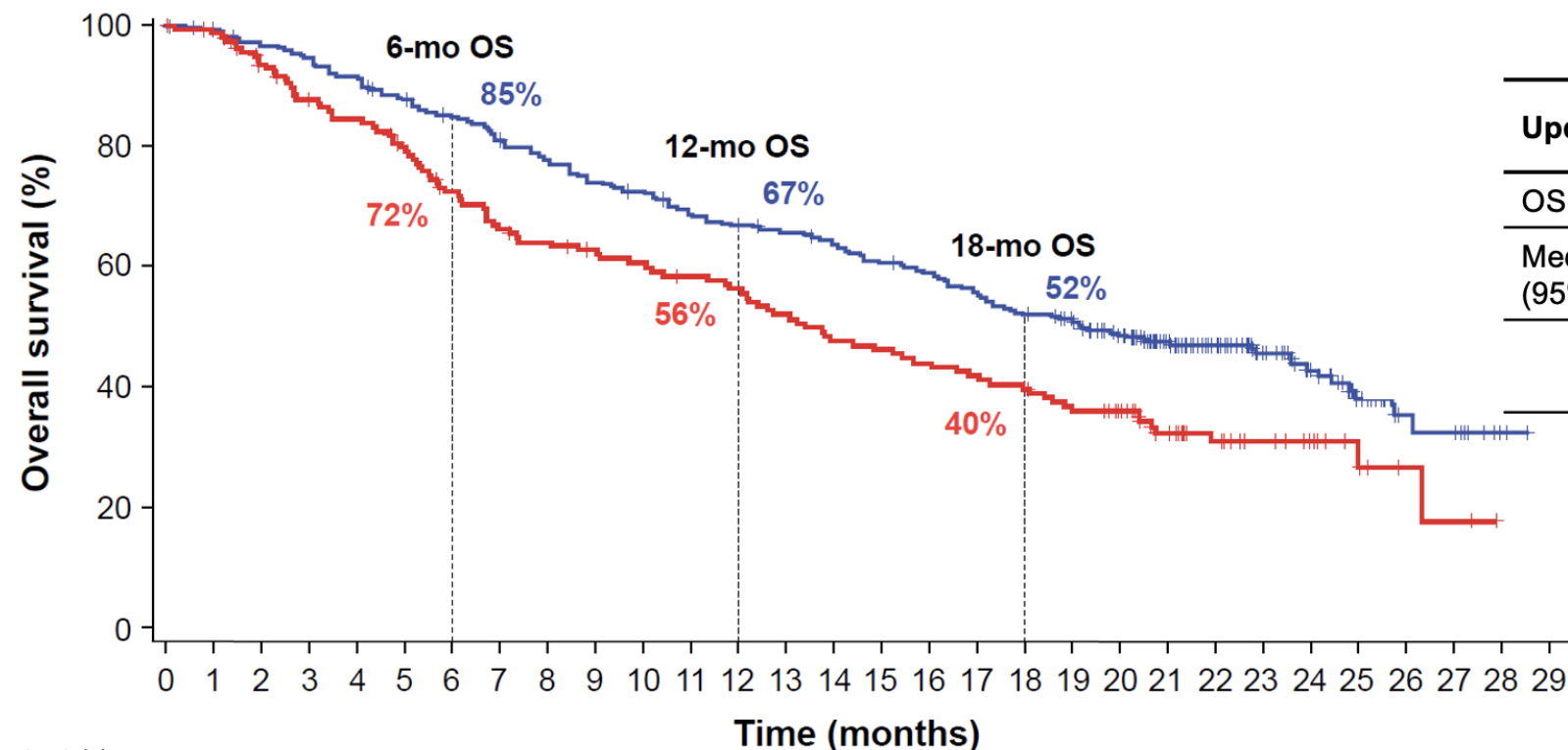
Finn RS,¹ Qin S,² Ikeda M,³ Galle PR,⁴ Ducreux M,⁵ Kim T-Y,⁶ Lim HY,⁷ Kudo M,⁸ Breder V,⁹ Merle P,¹⁰ Kaseb A,¹¹ Li D,¹² Verret W,¹³ Shao H,¹⁴ Liu J,¹⁴ Li L,¹⁴ Zhu AX,¹⁵ Cheng AL¹⁶



IMBRAVE-150: 15,6 Months Follow-up

	Updated analysis ^a			
	RECIST 1.1		HCC mRECIST	
	Atezo + Bev (n = 326)	Sorafenib (n = 159)	Atezo + Bev (n = 325)	Sorafenib (n = 158)
Confirmed ORR (95% CI), %	30 (25, 35)	11 (7, 17)	35 (30, 41)	14 (9, 20)
CR, n (%)	25 (8)	1 (< 1)	39 (12)	4 (3)
PR, n (%)	72 (22)	17 (11)	76 (23)	18 (11)
SD, n (%)	144 (44)	69 (43)	121 (37)	65 (41)
DCR, n (%)	241 (74)	87 (55)	236 (73)	87 (55)
PD, n (%)	63 (19)	40 (25)	65 (20)	40 (25)
Ongoing response, n (%)	54 (56)	5 (28)	58 (50)	6 (27)
Median DOR (95% CI), mo^b	18.1 (14.6, NE)	14.9 (4.9, 17.0)	16.3 (13.1, 21.4)	12.6 (6.1, 17.7)

IMBRAVE-150: 15,6 Months Follow-up



Updated OS	Atezo + Bev (n = 336)	Sorafenib (n = 165)
OS events, n (%)	180 (54)	100 (61)
Median OS, mo (95% CI)	19.2 (17.0, 23.7)	13.4 (11.4, 16.9)
Stratified HR (95% CI) ^a	0.66 (0.52, 0.85) <i>P</i> = 0.0009 ^b	

No. of patients at risk

Atezo + Bev	336	329	320	312	302	288	276	263	252	240	233	221	214	209	202	192	186	175	164	156	134	105	80	57	42	24	12	11	2	NE
Sorafenib	165	158	144	133	128	119	106	96	92	88	85	81	78	72	66	64	61	58	55	49	44	32	24	18	12	7	3	2	NE	NE

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Gastric/esophageal cancer

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- KEYNOTE-590

Hepatocellular Carcinoma

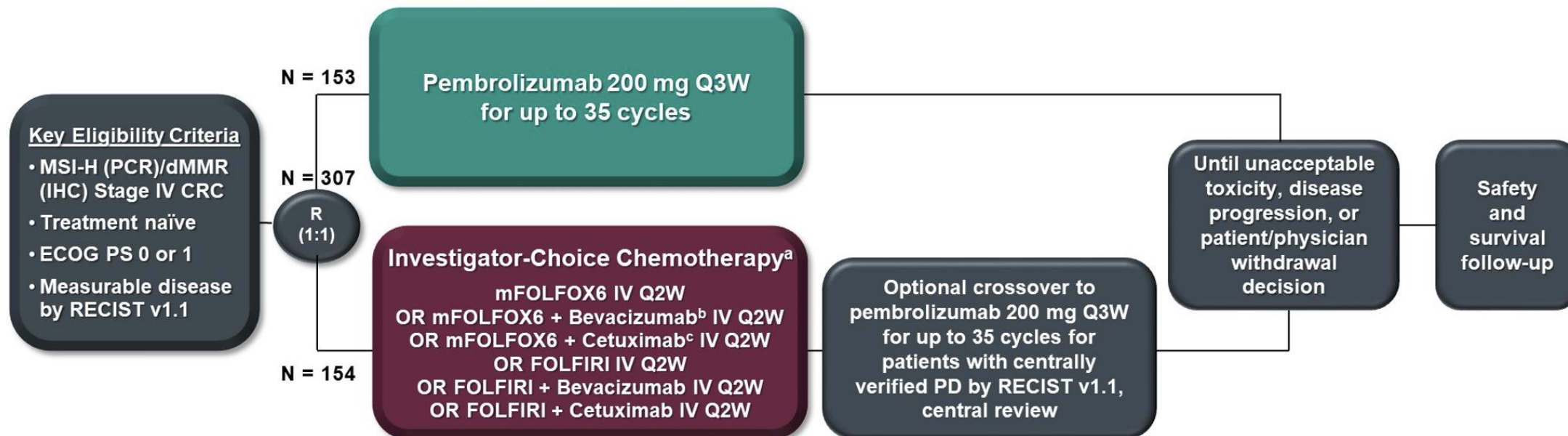
- CHECKMATE-469
- KEYNOTE-240
- IMBRAVE-150

MSI Colon-Cancer

- KEYNOTE-177

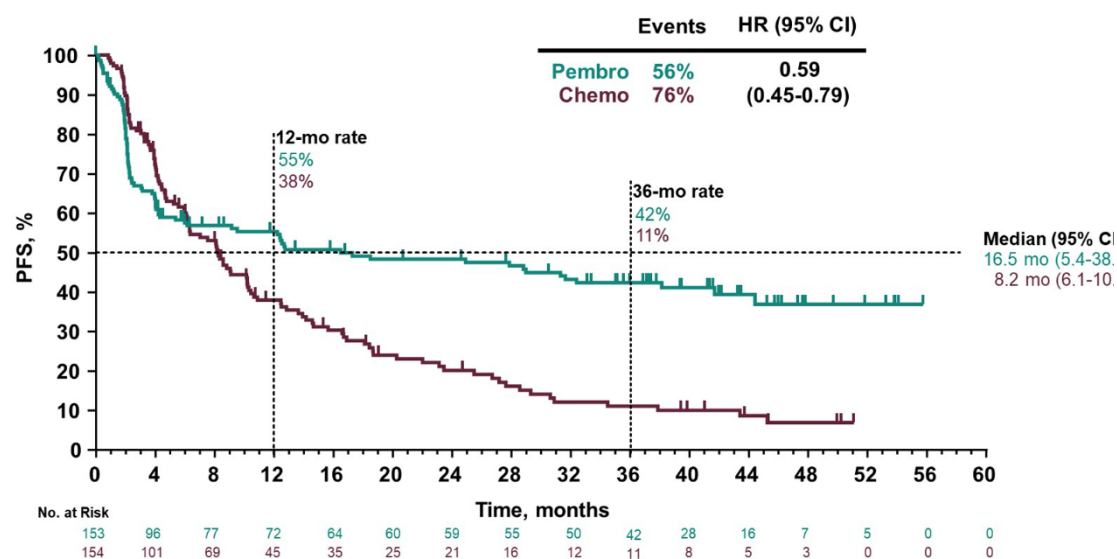
Final Overall Survival for the Phase 3 KN177 Study: Pembrolizumab Versus Chemotherapy in Microsatellite Instability-High/Mismatch Repair Deficient (MSI-H/dMMR) Metastatic Colorectal Cancer (mCRC)

Thierry André,¹ Kai-Keen Shiu,² Tae Won Kim,³ Benny Vittrup Jensen,⁴ Lars Henrik Jensen,⁵ Cornelis Punt,⁶ Denis Smith,⁷ Rocio Garcia-Carbonero,⁸ Julia Alcaide-Garcia,⁹ Peter Gibbs,¹⁰ Christelle de la Fouchardiere,¹¹ Fernando Rivera,¹² Elena Elez,¹³ Johanna Bendell,¹⁴ Dung T. Le,¹⁵ Takayuki Yoshino,¹⁶ Wenyan Zhong,¹⁷ David Fogelman,¹⁸ Patricia Marinello,¹⁸ Luis A. Diaz Jr¹⁹

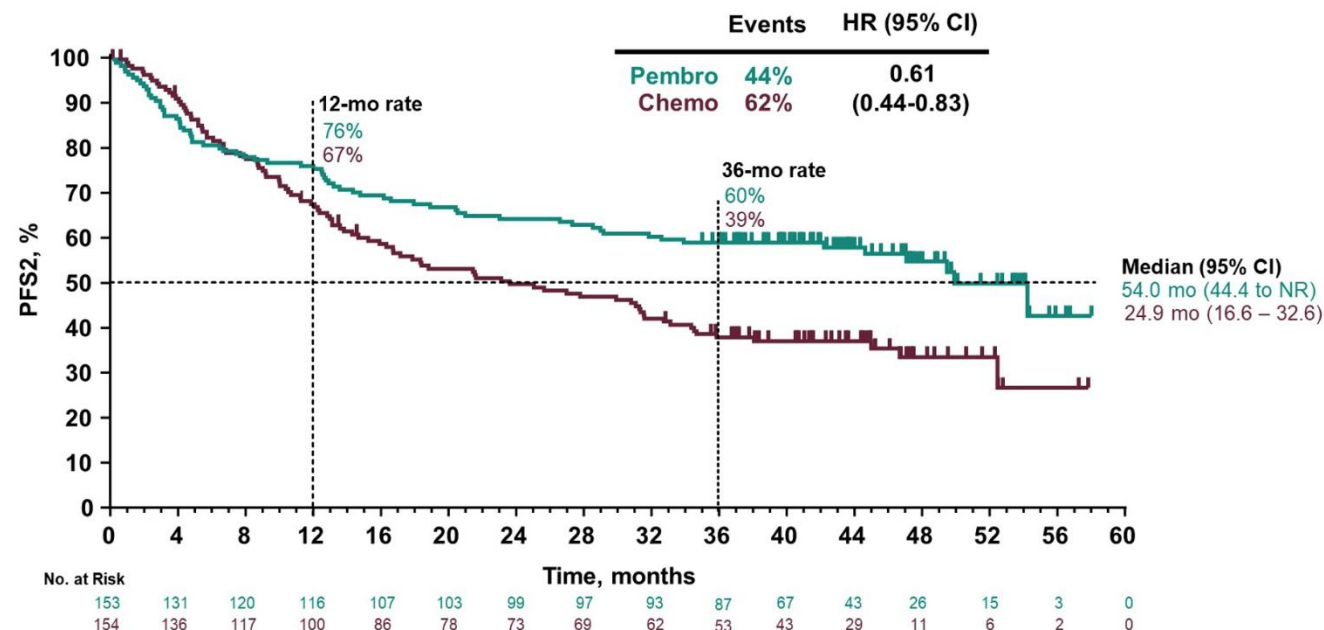


KEYNOTE-177: 44 Months Follow-up

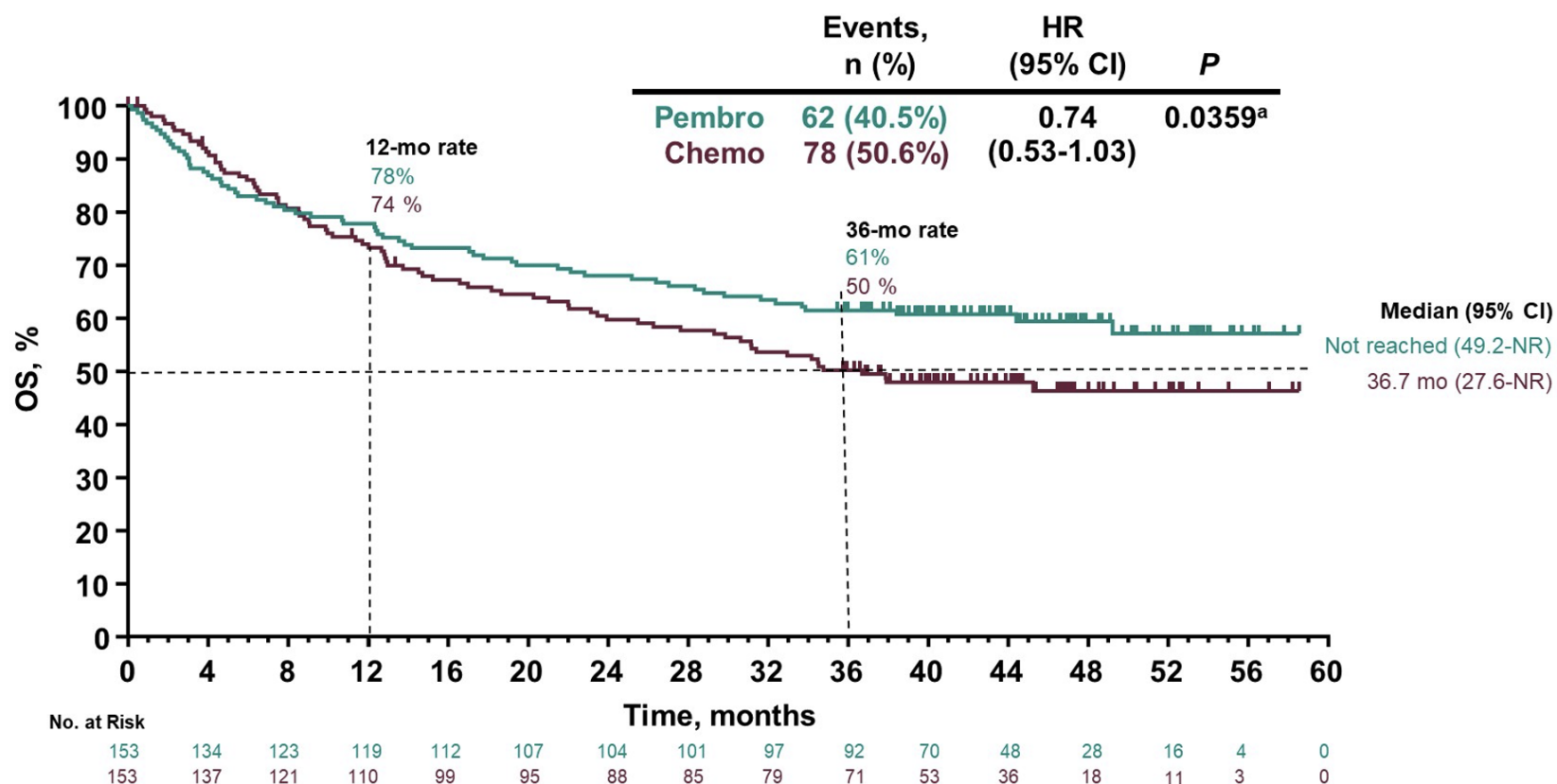
PFS



PFS2



KEYNOTE-177: 44 Months Follow-up



60% cross over in chemo arm

NIVOLUMAB PLUS LOW-DOSE IPILIMUMAB IN PREVIOUSLY TREATED PATIENTS WITH MICROSATELLITE INSTABILITY-HIGH/ MISMATCH REPAIR-DEFICIENT METASTATIC COLORECTAL CANCER: 4-YEAR FOLLOW-UP FROM CHECKMATE 142

Thierry André,¹ Sara Lonardi,² Ka Yeung Mark Wong,³ Heinz-Josef Lenz,⁴ Fabio Gelsomino,⁵ Massimo Aglietta,⁶ Michael A. Morse,⁷ Eric Van Cutsem,⁸ Ray McDermott,⁹ Andrew Hill,¹⁰ Michael B. Sawyer,¹¹ Alain Hendlish,¹² Bart Neyns,¹³ Sandzhar Abdullaev,¹⁴ Arteid Memaj,¹⁴ Ming Lei,¹⁴ Scott Kopetz,¹⁵ Michael Overman¹⁵



- Histologically confirmed metastatic/recurrent CRC
- MSI-H/dMMR per local laboratory
- ≥ 1 prior line of therapy

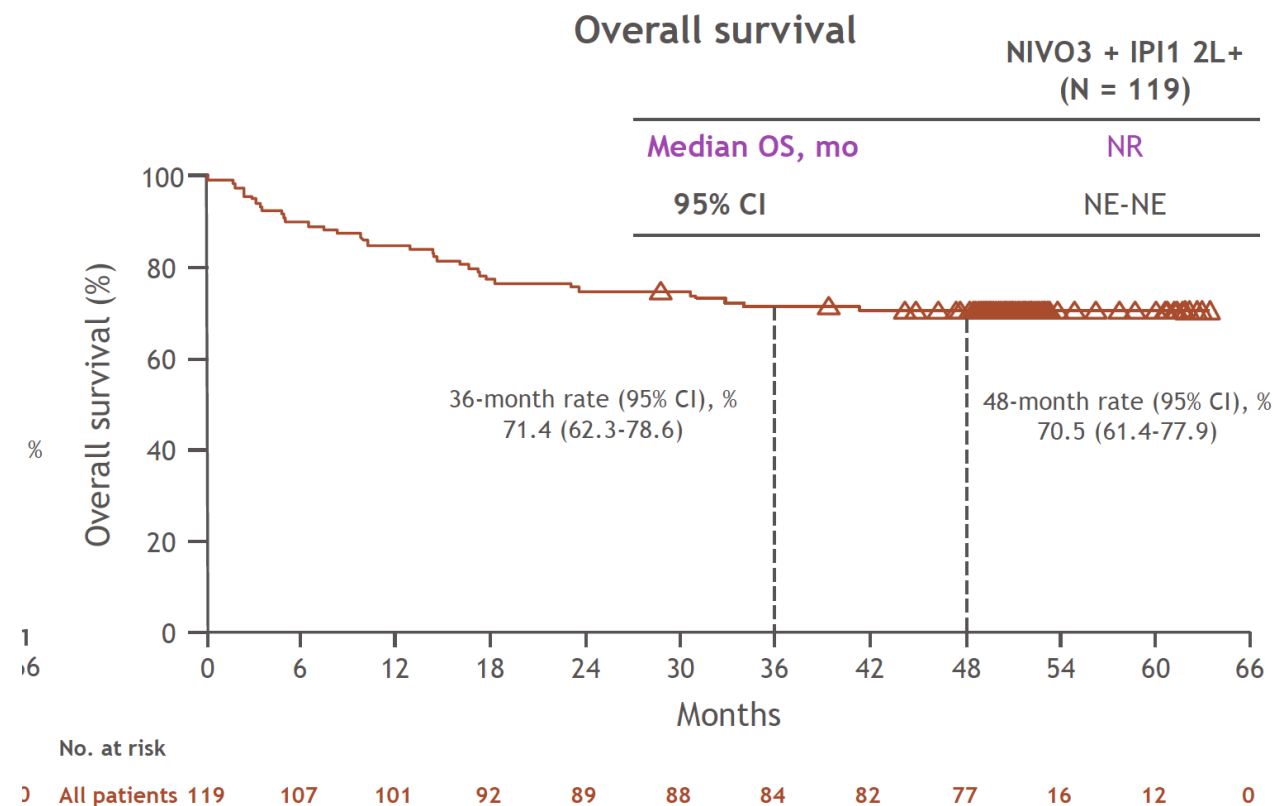
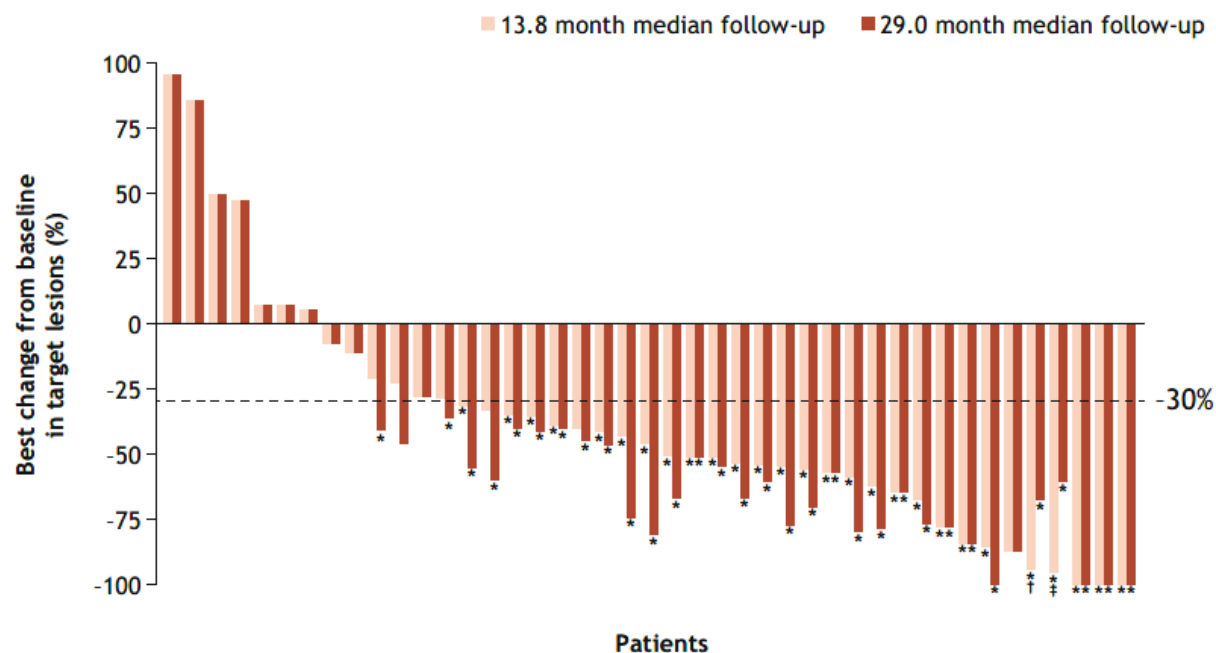
N = 119
→

NIVO3 + IPI1 Q3W
(4 doses, then
NIVO3 Q2W)^b

Primary endpoint:
ORR per investigator
assessment (RECIST v1.1)

Other key endpoints:
ORR per BICR, DCR,^c DOR,
PFS, OS, and safety

CHECKMATE-142: 39/50 Months Follow-up



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