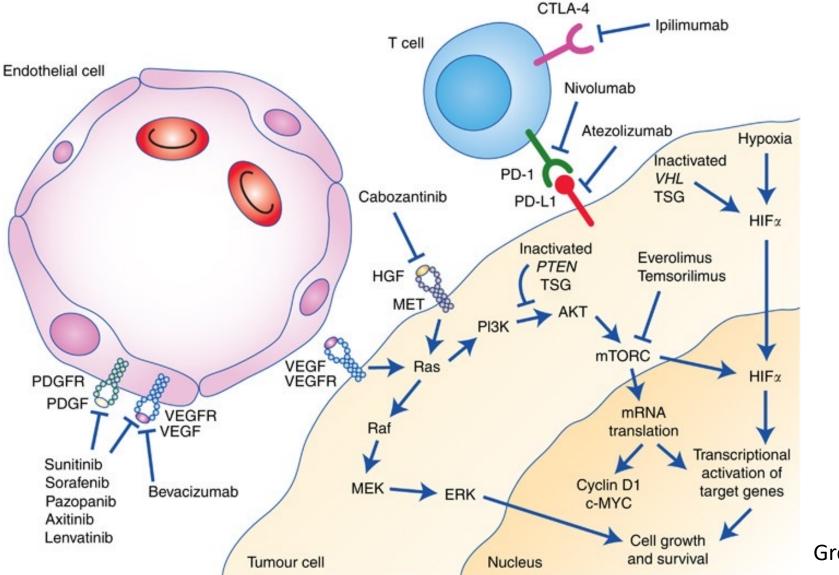
Genitourinary Updates

Manoj Bupathi, MD, MS Rocky Mountain Cancer Center Sarah Cannon Research Institute Associate Chair- USON GU Cancer Research

Objectives

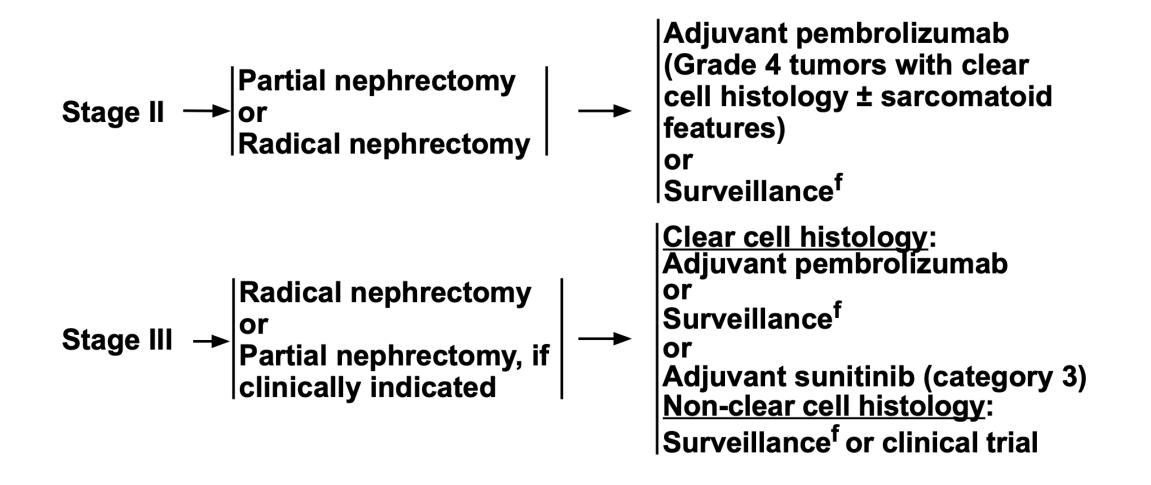
- Renal Cell Carcinoma
 - Adjuvant therapy
 - Locally advanced/metastatic disease
- Bladder Cancer
 - Locally advanced/metastatic disease

Targets in renal cell caner: mTOR, checkpoint, VEGF and transcription factors



Greef, et al. BJC 2016

Guidelines for adjuvant therapy for RCC



What adjuvant therapy clinical trials in RCC have shown thus far

Trial	Agent	DFS HR	95% CI	P-value	OS
	Sunitinib	1.02	0.85 - 1.23	P=0.80	NS
ASSURE	Sorafenib	0.97	0.80 - 1.17	P=0.72	NS
SORCE	Sorafenib 3 yr	1.01	0.83 – 1.23	P=0.95	NS
JURCE	Sorafenib 1 yr	0.94	0.77 – 1.14	P=0.51	NS
PROTECT	Pazopanib	0.86	0.70 – 1.06	P=0.17	NS
ATLAS	Axitinib	0.87	0.66 – 1.15	P=0.32	NR
S-TRAC	Sunitinib	0.76	0.59 – 0.98	P = 0.03	NS
KEYNOTE-564	Pembrolizumab	0.63	0.50 - 0.80	P<0.0001	NS

* All placebo-controlled, DFS primary endpoint

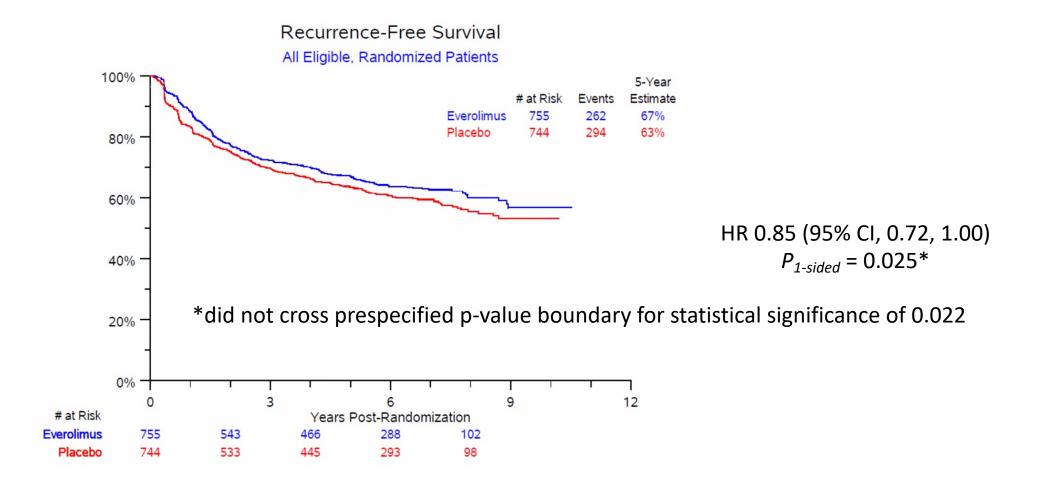
Haas NB Lancet 2016; Eisen T JCO 2020; Motzer RJ JCO 2017 and Eur Urol 2021; Gross-Goupil M Ann Oncol 2018; Rauvad A N Engl J Med 2016 and Eur Urol 2018; Choueiri TK N Engl J Med 2021 and GU ASCO 2022

EVEREST Trial Design

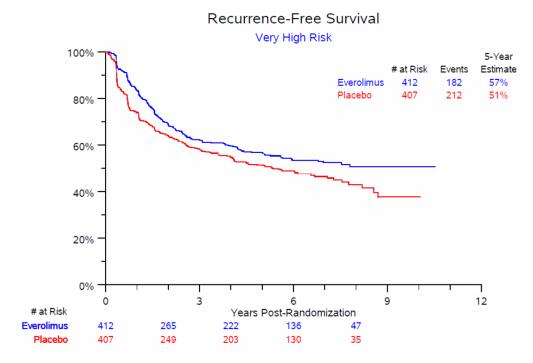
Everolimus 10 mg **Key Eligibility Criteria** p.o. daily x 54 weeks Fully-resected RCC within 12 weeks Radical or partial nephrectomy TNM stage Randomize pT1b G3-4 1:1 ٠ pT2-4 any G any N+ • Clear or non-clear cell Placebo p.o. daily x 54 weeks No metastatic disease PS 0-1

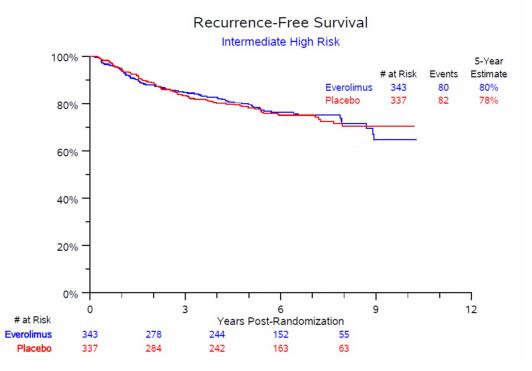
Stratification Factors: Risk Group (Intermediate-High vs. Very High) Histology (Clear cell vs. non-Clear Cell) Performance Status (0 vs. 1)

Recurrence-Free Survival in all patients

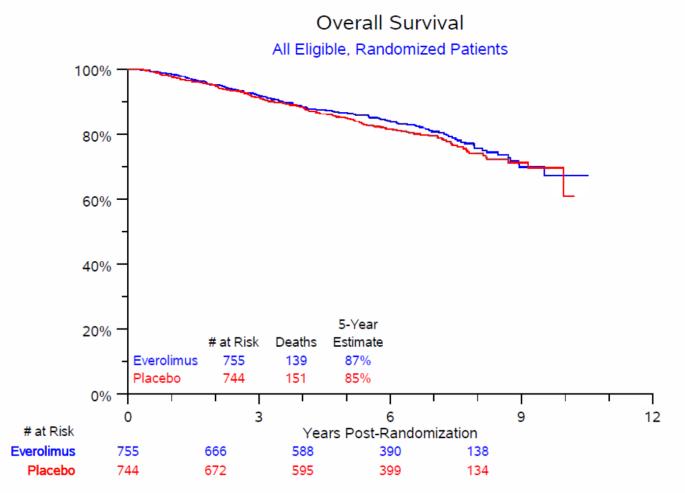


Recurrence-Free Survival based on risk group



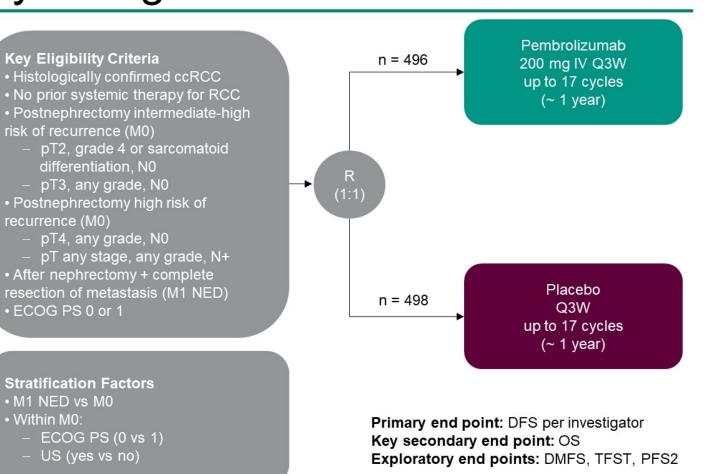


Adjuvant everolimus did not improve overall survival



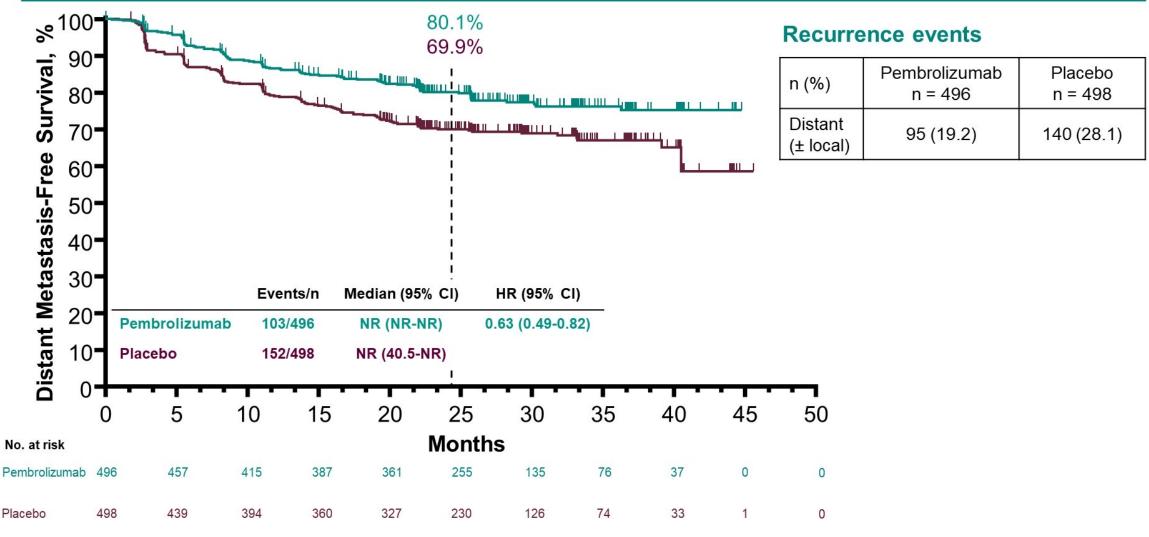
Background and Study Design

- Results of KEYNOTE-564 showed that adjuvant pembrolizumab improved DFS compared with placebo after a median 30.1 months of follow-up in patients with ccRCC at increased risk for recurrence after nephrectomy¹
- Post hoc exploratory analyses are presented of
 - Distant metastasis-free survival (DMFS; time to radiographically detectable metastatic disease or any-cause death)
 - Time to first subsequent drug treatment (TFST; time to first subsequent therapy or any-cause death)
 - Time to second progression (PFS2; time from randomization to progression on nextline therapy or any-cause death)
- Median time from randomization to database cutoff was 30.1 months (range, 20.8-47.5 months)



^{1.} Choueiri TK et al. J Clin Oncol. 2022;40(suppl 6). Abstract 290.

Distant Metastasis-Free Survival (ITT)



Database cutoff date: June 14, 2021.

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Time to First Subsequent Anticancer Therapy (ITT)

Placebo

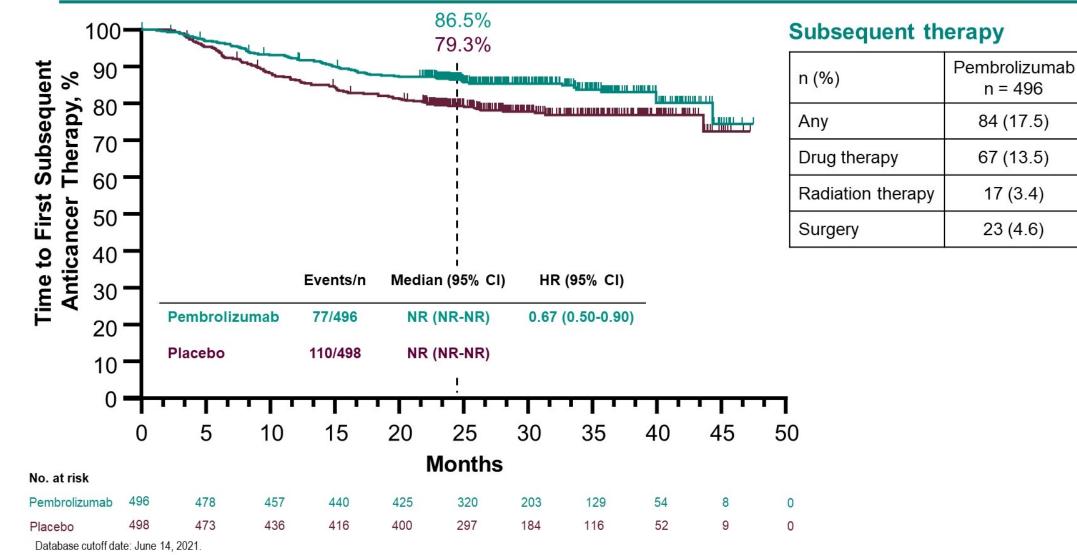
n = 498

124 (24.9)

99 (19.9)

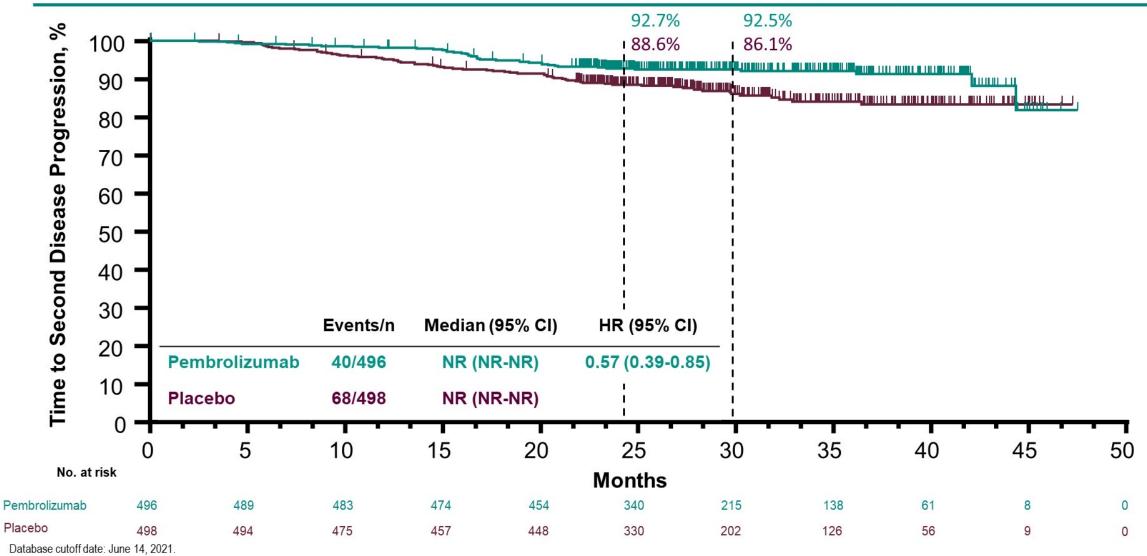
19 (3.8)

36 (7.2)



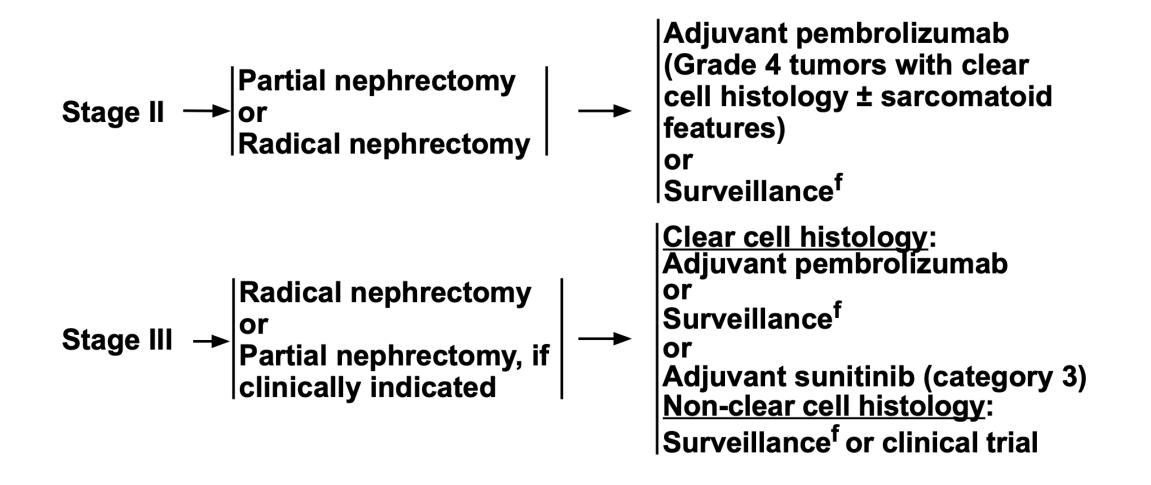
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Time to Second Disease Progression (ITT)

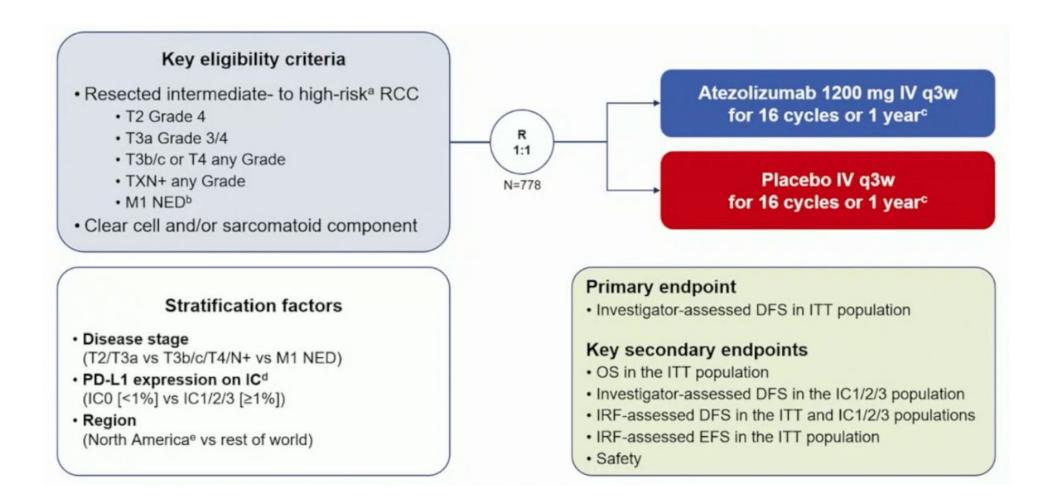


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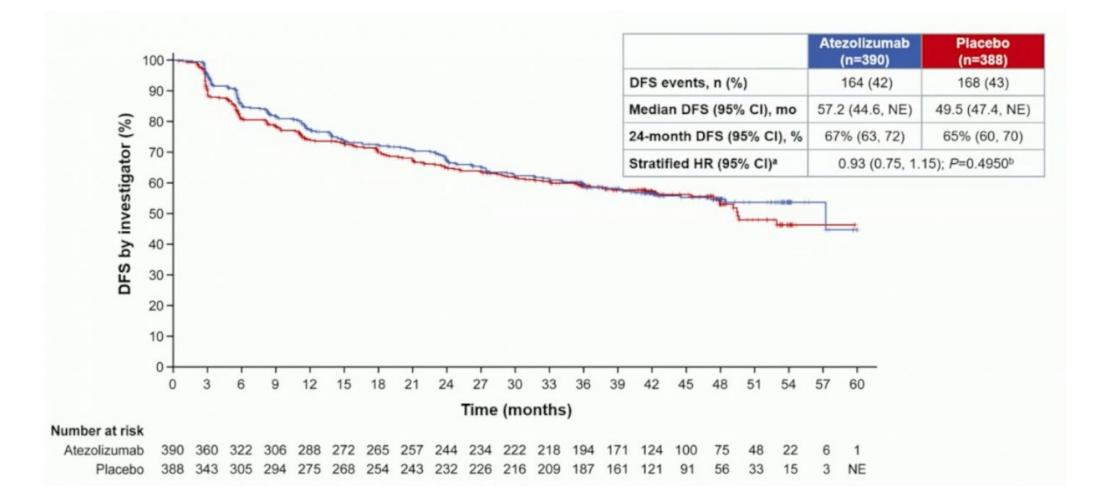
Guidelines for adjuvant therapy for RCC



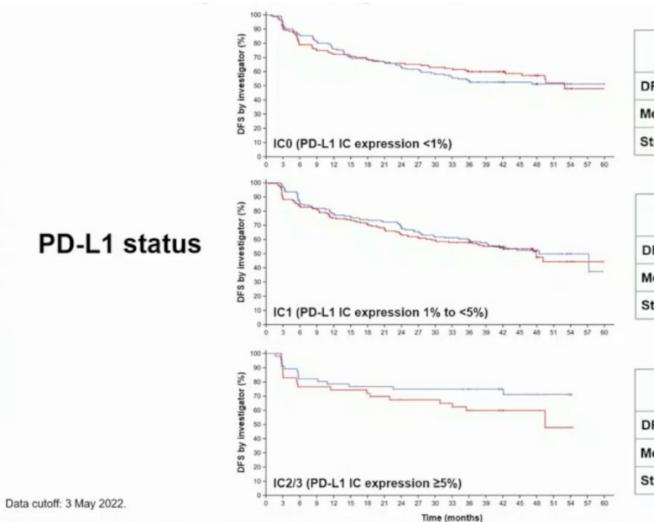
IMmotion010: efficacy and safety of atezolizumab vs placebo as adjuvant therapy in patients with RCC at increased risk of recurrence after resection



PFS ITT Population



Overall Survival



	Atezolizumab (n=158)	Placebo (n=153)
DFS events, n (%)	71 (44.9)	63 (41.2)
Median DFS (95% CI), mo	NE (31.7, NE)	52.9 (45.4, NE)
Stratified HR (95% CI)	1.09 (0.	.77, 1.53)

	Atezolizumab (n=176)	Placebo (n=188)
DFS events, n (%)	78 (44.3)	86 (45.7)
Median DFS (95% CI), mo	48.4 (39.1, NE)	47.9 (36.5, NE)
Stratified HR (95% CI)	0.92 (0.68, 1.25)	

	Atezolizumab (n=56)	Placebo (n=47)
DFS events, n (%)	15 (26.8)	19 (40.4)
Median DFS (95% CI), mo	NE (NE, NE)	49.5 (33.1, NE)
Stratified HR (95% CI)	0.57 (0.	.29, 1.15)

Bex A et al. IMmotion010 [abstract 4634] https://bit.ly/3Ai7cQl

Conclusions

- Atezolizumab as adjuvant therapy did not improve clinical outcomes vs placebo in the ITT population
- Atezolizumab was well tolerated, and safety results were consistent with the known safety profile of atezolizumab
- Subgroup analysis suggests further evaluation of sarcomatoid and high-expression PD-L1 populations is warranted

Checkmate914 Adjuvant Nivo + Ipi vs placebo for localized renal cell carcinoma (RCC) at high risk of relapse after nephrectomy

Stratification factors:

N = 816

Key inclusion criteria¹

- Radical or partial nephrectomy with negative surgical margins
- Predominant clear cell histology, including sarcomatoid features
- Pathologic TNM staging:
 - o pT2a, G3 or G4, N0 M0
 - o pT2b, G any, N0 M0
 - o pT3, G any, N0 M0
 - o pT4, G any, N0 M0
 - o pT any, G any, N1 M0
- · No clinical/radiological evidence of residual disease or distant metastases after nephrectomy, confirmed by BICR
- ECOG performance status of 0-1

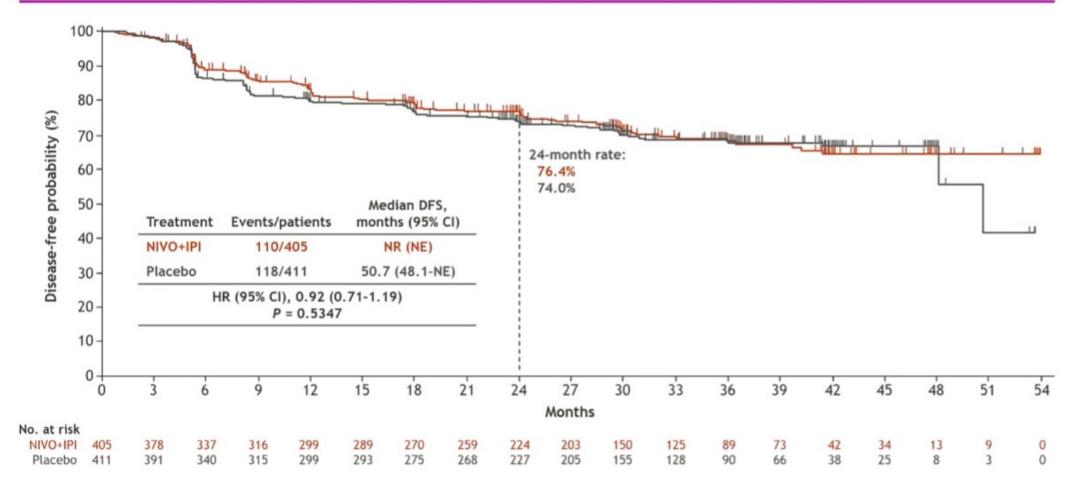
Expected treatment duration of 24 weeks^b Pathologic TNM staging^a Type of nephrectomy NIVO 240 mg IV Q2W (× 12 doses) + IPI 1 mg/kg IV Q6W (× 4 doses) N = 405R 1:1 Placebo IV Q2W (× 12 doses) + Placebo IV Q6W (× 4 doses) N = 411Randomization > 4 weeks but ≤ 12 weeks after surgery Primary endpoint: DFS by BICR

Secondary endpoints: OS and safety

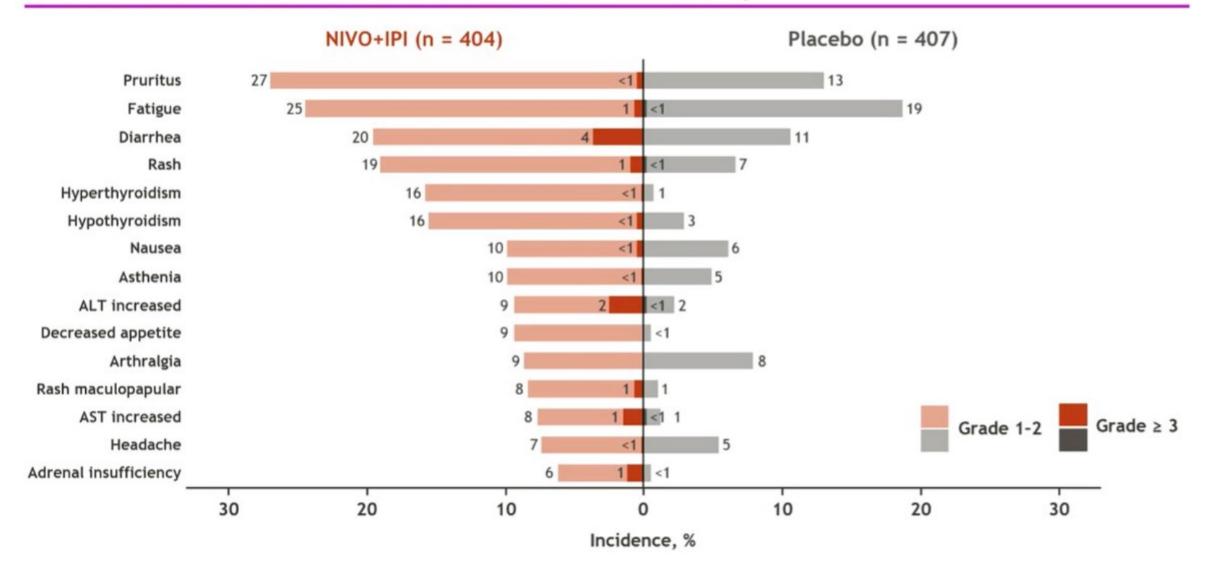
Median (range) study follow-up, 37.0 (15.4-58.0) months

Disease- Free Survival

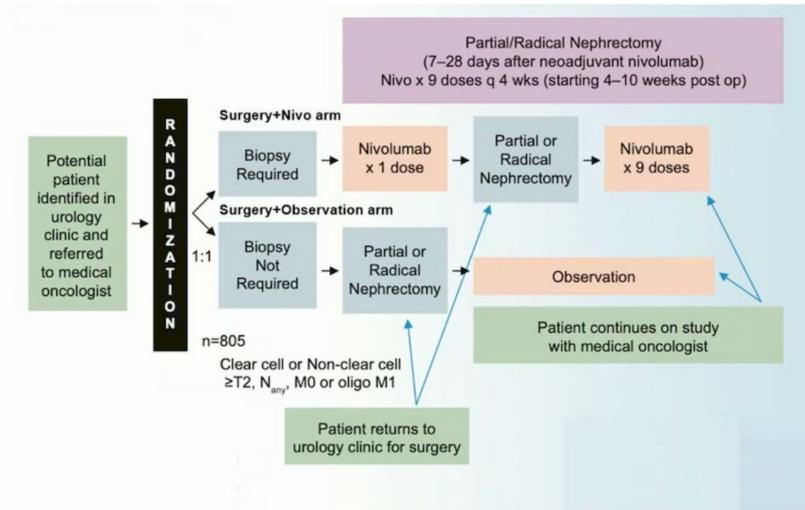
Primary endpoint: disease-free survival per BICR

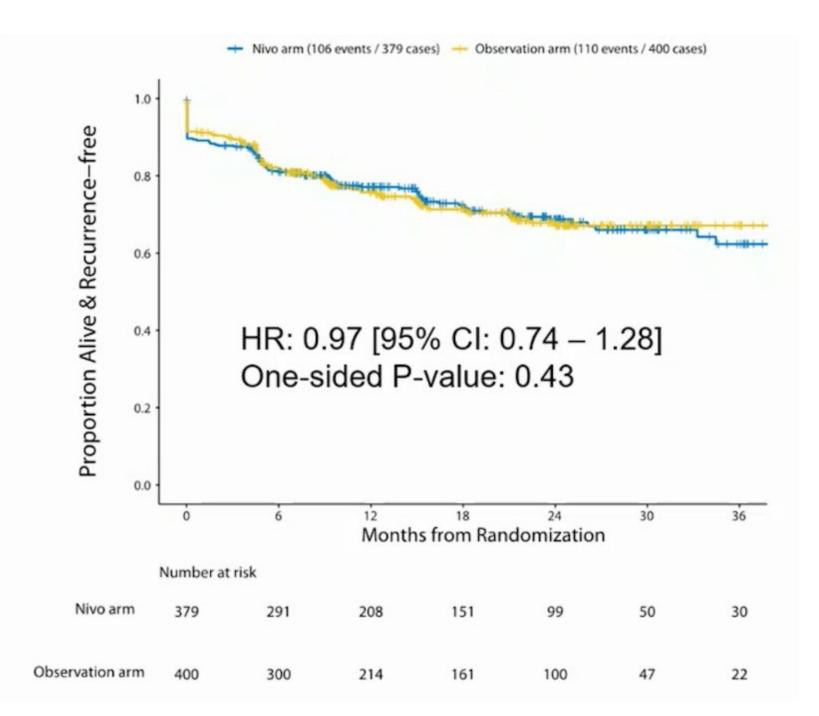


Treatment-related AEs in all treated patients^a



Phase III open-label PROSPER Trial Assessing Perioperative Nivolumab versus Observation in Patients With RCC





RFS in Subgroups – No Clinical Benefit

Sub-group	N	HR	95% CI	
All RCC Patients	779	0.97	(0.74, 1.27)	
cT1	25	0.61	(0.13, 2.83)	
:T2	398	1.05	(0.69, 1.59)	_
cT3 or cT4	394	1.00	(0.68, 1.47)	
Nx or cN0	697	1.02	(0.74, 1.40)	<u> </u>
N1	121	0.87	(0.51, 1.47)	<u> </u>
Mx or cM0	790	0.97	(0.73, 1.28)	- (
:M1	27	0.85	(0.25, 2.86)	
oTx or pT1	79	0.12	(0.01, 0.96)	
DT2	164	0.96	(0.40, 2.31)	
oT3 or pT4	494	0.91	(0.65, 1.28)	
Nx or pN0	671	0.81	(0.57, 1.14)	
N1	66	0.73	(0.37, 1.41)	<u> </u>
Mx or pM0	708	0.83	(0.60, 1.14)	
oM1	28	0.89	(0.31, 2.57)	
uhrman Grade 1	24	3.37	(0.38, 30.18)	
Fuhrman Grade 2	185	0.50	(0.21, 1.15)	
Fuhrman Grade 3	282	1.06	(0.63, 1.76)	```
Fuhrman Grade 4	181	0.72	(0.45, 1.14)	
Clear-cell	625	0.93	(0.68, 1.28)	
Non-clear cell	128	0.93	(0.44, 1.99)	
				r i 1 1
				0 1 2 3 4

Favors Surgery+Nivo arm

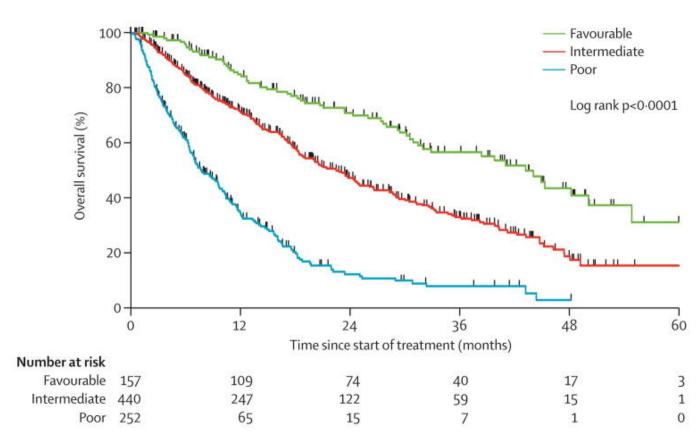
Favors Surgery+Observation arm

PROSPER Conclusions

- First phase III neoadjuvant trial using IO in RCC
- Perioperative RCC did not improve RFS
- OS is immature but is not statistically different between the two arms
- AE in surgery + nivolumab is similar to previous trials

Risk Stratification in ccRCC- IMDC (International Metastatic RCC Database Consortium)

- Less than one year from time of diagnosis to systemic therapy
- Performance status
- Hemoglobin< lower limit of normal
- Calcium > upper limit of normal
- Neutrophil > upper limit of normal
- Platelets > upper limit of normal

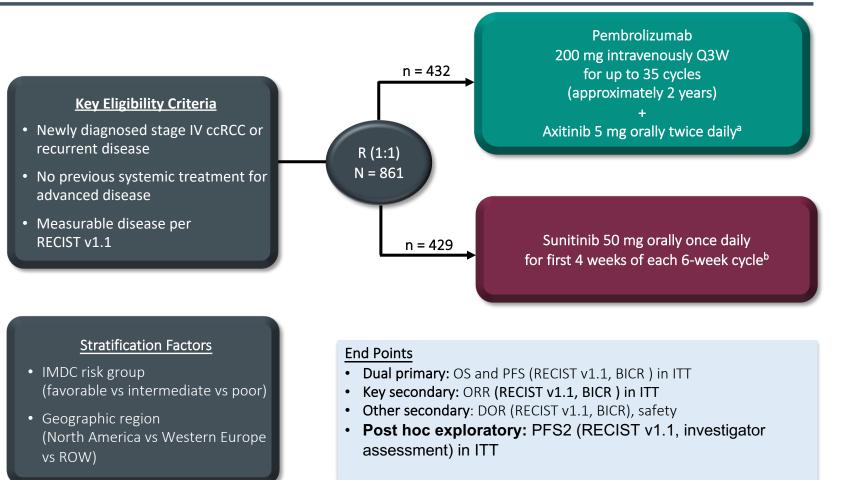


Frontline therapy in mRCC- four Phase 3 trials

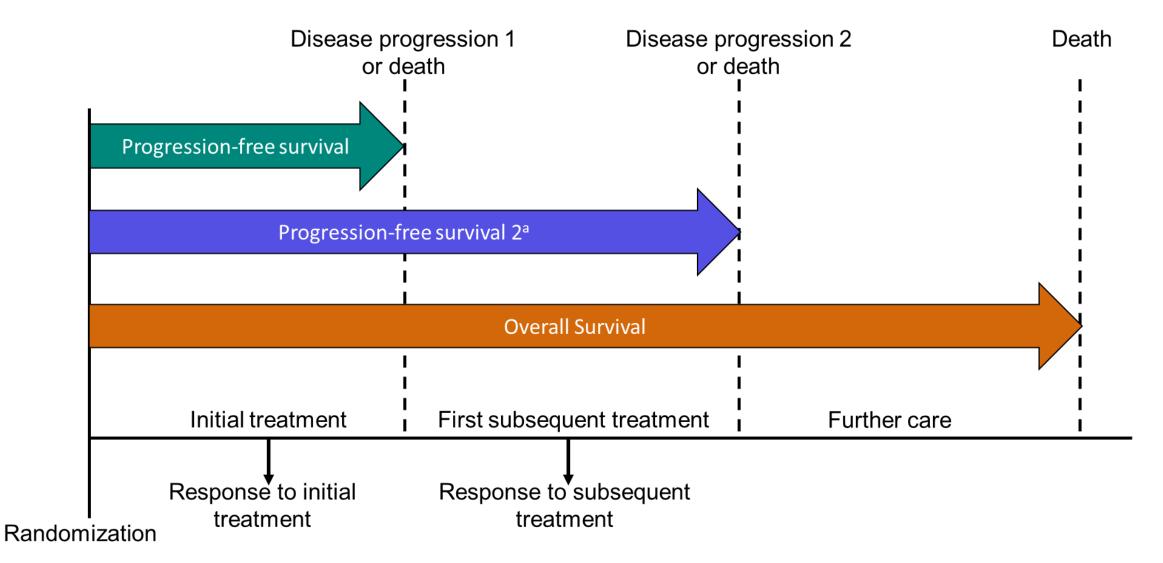
	CM 214 (Ipi/Nivo) ¹ (n=550 vs n=546)	KN-426 (Axi/Pembro) ² (n=432 vs n=429)	CM 9ER (Cabo/Nivo) ³ (n=323 vs n=328)	CLEAR (Len/Pembro)⁴ (N=355 vs n=357)
FDA Approval	2018, 1L for int/poor risk	2019, 1L	2021, 1L	2021, 1L
Fav/Int/Poor, %	23/61/17	32/55/13	23/58/19	31/59/9
Med f/u, mo	55	42.8	23.5	27
mOS (int/poor), mo HR (CI)	48.1 vs 26.6 0.65 (0.54-0.78)	50.6 vs 37.6 0.64 (0.52-0.80)	I: 0.74 (0.50–1.08) P: 0.45 (0.27–0.76)	NE vs NE 0.58 (0.42-0.80)
mPFS (int/poor), mo HR (CI)	11.2 vs 8.3 0.74 (0.62-0.88)	13.8 vs 8.2 0.67 (0.55-0.81)	l: 0.58 (0.45–0.76) P: 0.36 (0.23–0.56)	22.1 vs 5.9 0.36 (0.26-0.47)
ORR (int/Poor), %	42 v 27	57 vs 35	l: 56 vs 29 / P: 38 vs 10	72 vs 30
CR (int/Poor), %	11 vs 1	9 vs 2	I: 11 vs 3 (I) / P: 5 vs 1	14 vs 4

After first line combination therapy- what happens?

- The randomized, open-label, phase 3 KEYNOTE-426 study (NCT02853331) met its primary and key secondary end points of improved OS, PFS, and ORR with pembrolizumab + axitinib versus sunitinib as first-line treatment for patients with advanced ccRCC and pembrolizumab + axitinib showed durable benefit with extended followup¹⁻³
- Post hoc exploratory analyses of subsequent therapy use and PFS2 are presented
- Median time from randomization to database cutoff was 42.8 months (range, 35.6-50.6 months)

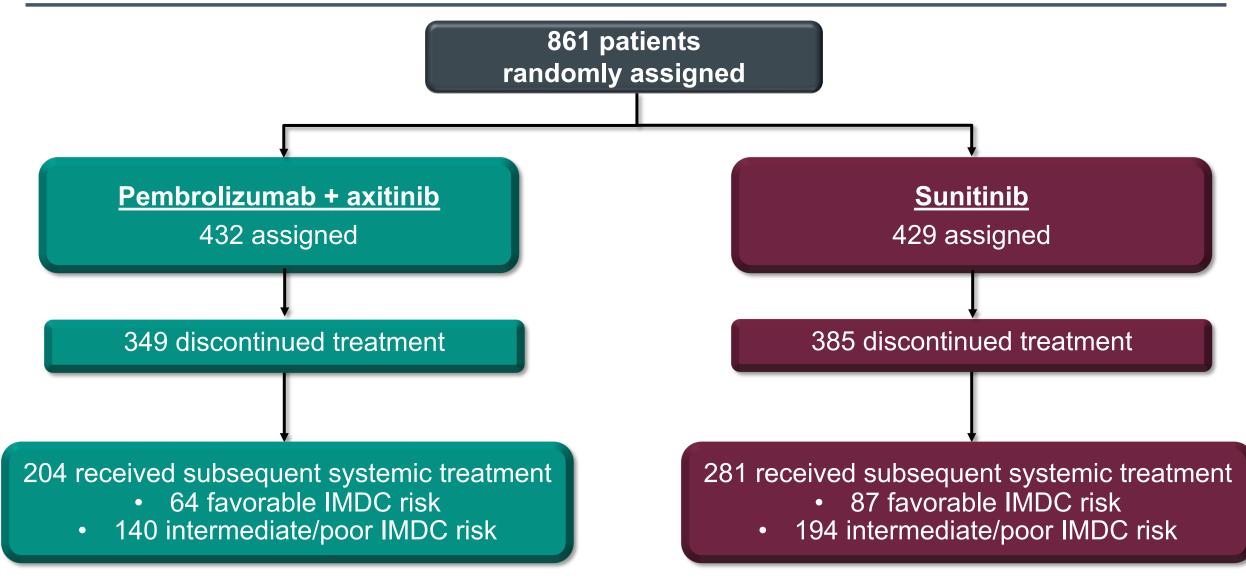


Timeline of Clinical Trial End Points



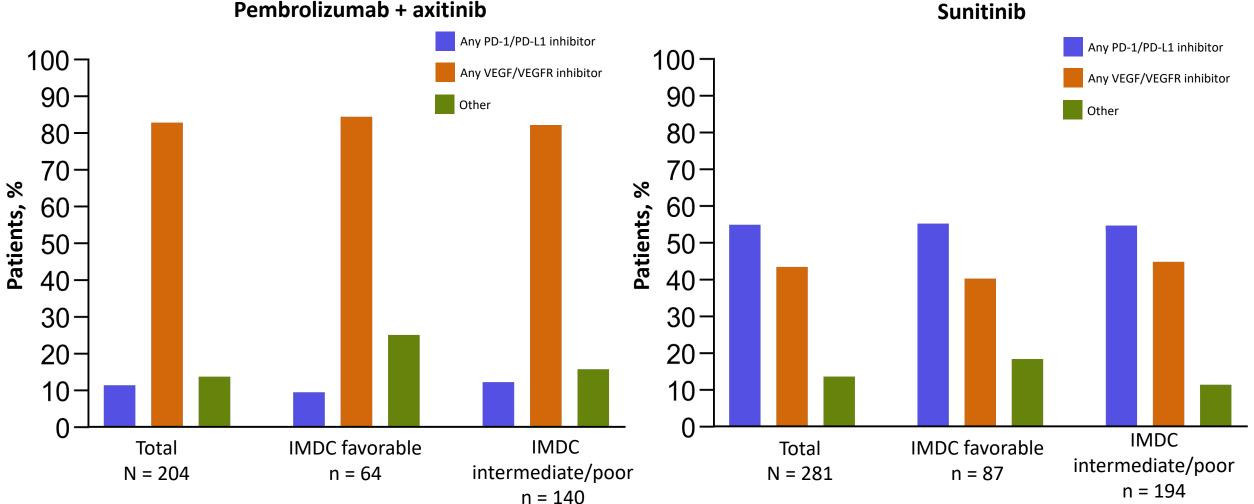
^aPatients who are alive and did not receive subsequent therapy are censored.

Subsequent Therapy, 1/3 of patients may not receive subsequent therapy

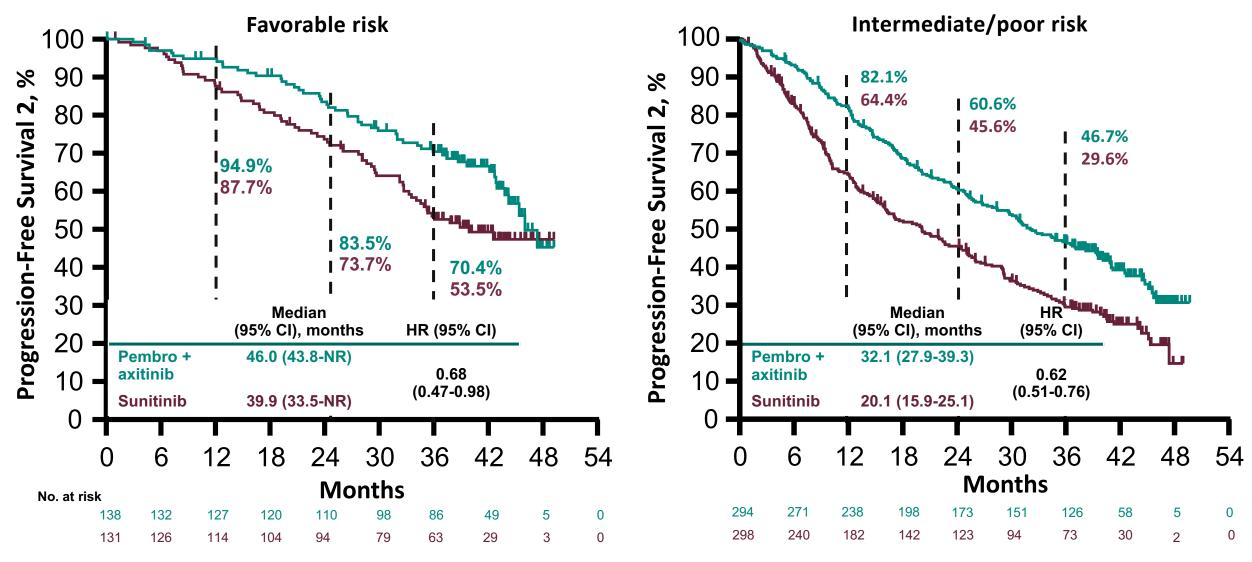


First Subsequent Systemic Therapy

Pembrolizumab + axitinib



Progression-Free Survival 2: IMDC Risk Groups, longer in pembrolizumab + axitinib regardless of IMDC risk group



Database cutoff date: January 11, 2021.

Conclusions

- Long-term results of KEYNOTE-426 continue to support pembrolizumab + axitinib as standard of care for patients with previously untreated advanced ccRCC
- PFS2 was longer for patients in the pembrolizumab + axitinib group than in those in the sunitinib group, regardless of IMDC risk
- Results from this exploratory analysis of PFS2 support the long-term benefit of pembrolizumab + axitinib for first-line treatment of patients with advanced ccRCC

Updated NCCN Guidelines for subsequent therapy advanced RCC

SUBSEQUENT THERAPY FO	R CLEAR CELL HISTOLOGY	
Preferred Regimens	Other Recommended Regimens	Useful in Certain Circumstances
 Cabozantinib (category 1) Lenvatinib + everolimus Nivolumab^b (category 1) 	 Axitinib (category 1) Axitinib + pembrolizumab^b Cabozantinib + nivolumab^b Ipilimumab + nivolumab^b Lenvatinib + pembrolizumab^b Pazopanib Sunitinib Tivozanib^g (category 1) Axitinib + avelumab^b (category 3) 	 Everolimus Bevacizumab^f (category 2B) High-dose IL-2 for selected patients^d (category 2B) Sorafenib (category 3) Temsirolimus^e (category 2B) Belzutifan (category 2B)



The relationship between health-related quality of life and clinical outcomes in patients with advanced renal cell carcinoma in CheckMate 214

David Cella,¹ Melissa Hamilton,² Steven Blum,² Cristina Ivanescu,³ Abi Williams,⁴ Flavia Ejzykowicz,² Robert J. Motzer⁵

¹Robert H. Lurie Comprehensive Cancer Care Center, Northwestern University, Chicago, IL; ²Bristol Myers Squibb, Princeton, NJ; ³IQVIA, Amsterdam, the Netherlands; ⁴IQVIA, London, UK; ⁵Memorial Sloan Kettering Cancer Center, New York, NY

Introduction

- CheckMate 214 demonstrated overall survival (OS) and progression-free survival (PFS) benefit with long-term follow-up for nivolumab plus ipilimumab compared with sunitinib^{1,2}
- Nivolumab plus ipilimumab showed health-related quality of life (HRQoL) benefits versus sunitinib with long-term follow-up in CheckMate 214^{3,4}
- Prior studies showed an association between HRQoL and efficacy outcomes in renal cell carcinoma (RCC), and other malignancies^{5,6}
- We explore the prognostic ability of HRQoL data to help inform on risk of progression or death in patients with advanced RCC (aRCC)

Objectives

• This analysis uses 5-year follow-up data of intermediate/poor-risk aRCC patients from CheckMate 214 to assess the following associations:

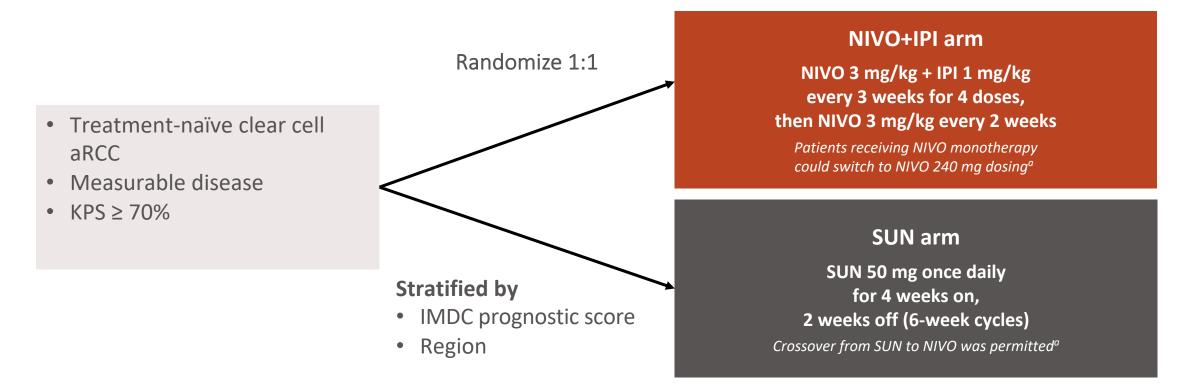
Baseline HRQoL and PFS	Baseline HRQoL and OS
Longitudinal HRQoL and PFS	Longitudinal HRQoL and OS

- **Baseline HRQoL** refers to data collected pre-treatment at randomization
- Longitudinal HRQoL refers to HRQoL data collected after randomization while on study
- HRQoL was assessed using the Functional Assessment of Cancer Therapy Kidney Symptom Index (FKSI-19) total score and disease-related symptoms-physical (DRS-P) subscale

CheckMate 214 study design

Patients

Treatment^a



HRQoL is an exploratory endpoint and included the FKSI-19 instrument

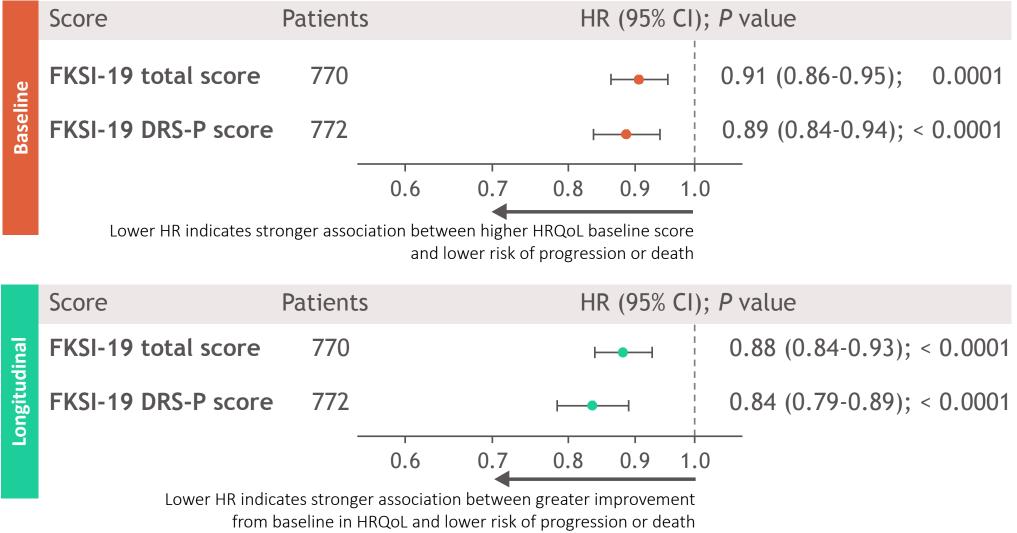
^aTreatment was given until progression or unacceptable toxicity. Patients could discontinue after 2 years of study treatment as of a November 2017 protocol amendment. IMDC, International Metastatic Renal Cell Carcinoma Database Consortium; KPS, Karnofsky performance status; NIVO+IPI, nivolumab plus ipilimumab; SUN, sunitinib.

FKSI-19 instrument

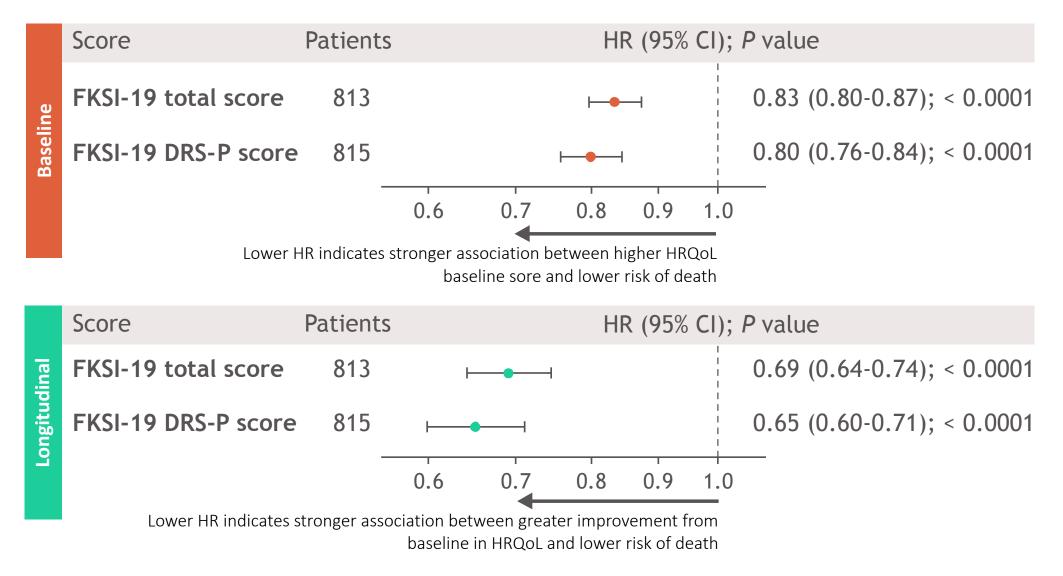
Disease-related symptoms (physical)	Treatment side	effects ^a	Function/w	vell-being	Emo	Emotional		
Lack of energy	– Nause	а	- Wo	ork	Worry al	bout disease		
- Pain	_ Diarrhe	ea	– Leis	sure	WO	rsening		
- Weight loss	Side effect l	oother	Overall qu	ality of life				
- Fatigue								
- Shortness of breath								
– Fever			1 and 2	· ·	nd beyond			
Bone pain		(each cycle	= 6 weeks)	(each cycle	= 6 weeks)	Follow-up		
Coughing		Day 1, week	Day 1, week	Day 1, week	Day 1, week	Visit 1 and		
Blood in urine		1	4	1	5 ^b	visit 2 ^c		
Weakness	FKSI-19 administration	X	X	X	Х	X		
Appetite	auministration							
Sleep								

^aEach item treated individually. ^bOnly for the first 6 months. ^CFollow-up visit 1 = 30 days from the last dose ± 7 days or coincide with the date of discontinuation (± 7 days) if date of discontinuation is greater than 37 days after last dose; follow-up visit 2 = 84 days (± 7 days) from follow-up visit 1. Source: https://www.facit.org/measures/NFKSI-19.

Baseline/longitudinal HRQoL scores and Progression-Free Survival



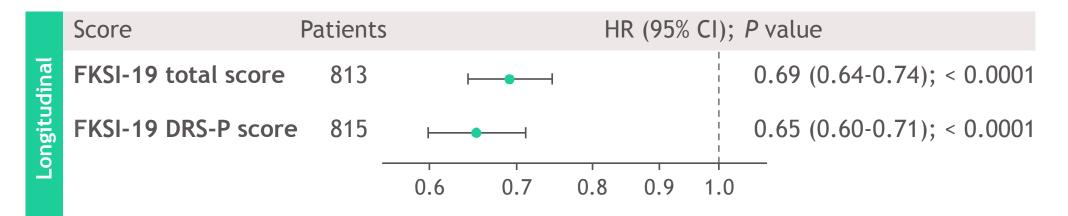
Baseline/longitudinal HRQoL scores and Overall Survival



Longitudinal HRQoL scores and Overall Survival

Longitudinal model

• Improved HRQoL during the course of treatment was associated with a lower risk of death



- FKSI-19 total: 31% reduction in risk of death per 5-point improvement in total score^a
- FKSI-19 DRS-P: 35% reduction in risk of death per 4-point improvement in DRS-P score^a
- These results suggest a stronger association between longitudinal HRQoL scores and OS compared with baseline HRQoL only and OS

Conclusions

- Better HRQoL scores were associated with a longer PFS and OS in intermediate/poor-risk RCC patients treated in the CheckMate 214 trial
- A stronger association was suggested for longitudinal HRQoL and OS, compared with the baseline HRQoL model
- These results highlight the value of PROs in measuring patients' HRQoL and for prognostic modeling

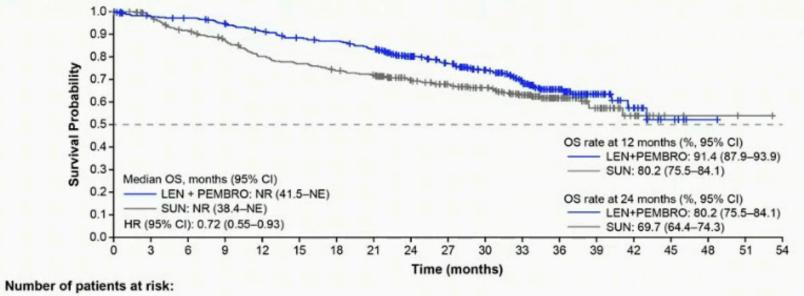
Updated efficacy of lenvatinib plus pembrolizumab versus sunitinib in patients with advanced renal cell carcinoma in the CLEAR study

Camillo G. Porta¹, Masatoshi Eto², Robert J. Motzer³, Ugo De Giorgi⁴, Tomas Buchler⁵, Naveen S. Basappa⁶, Maria Jose Mendez Vidal⁷, Sergei Tjulandin⁸, Se Hoon Park⁹, Bohuslav Melichar¹⁰, Thomas Hutson¹¹, Carlos Alemany¹², Bradley McGregor¹³, Cixin Steven He¹⁴, Rodolfo Perini¹⁵, Kalgi Mody¹⁶, Jodi McKenzie¹⁶, Toni K. Choueiri¹³

¹Interdisciplinary Department of Medicine, University of Bari 'A. Moro', Bari, Italy; ²Department of Urology, Kyushu University, Fukuoka, Japan; ³Department of Medicine, Memorial Sloan Kettering Cancer Center, New York, NY, USA; ⁴Department of Medical Oncology, IRCCS Istituto Romagnolo per lo Studio dei Tumori (IRST) Dino Amadori, Meldola, Italy; ⁵Department of Oncology, Thomayer University Hospital, Prague, Czech Republic; ⁶Department of Medical Oncology, Cross Cancer Institute, University of Alberta, Edmonton, AB, Canada; ⁷Department of Medical Oncology, Hospital Universitario Reina Sofia, Maimonides Institute for Biomedical Research of Córdoba, Córdoba, Spain; ⁸Department of Clinical Pharmacology and Chemotherapy, N.N. Blokhin National Medical Research Center for Oncology, Ministry of Health of the Russian Federation, Moscow, Russian Federation; ⁹Division of Hematology/Oncology, Department of Medicine, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Republic; ¹¹Department of Medical Oncology, Palacký University Medical School and Teaching Hospital, Olomouc, Czech Republic; ¹¹Department of Medical Oncology, AdventHealth Cancer Institute, Orlando, FL, USA; ¹³Department of Medical Oncology, Dana-Farber Cancer Institute, Boston, MA, USA; ¹⁴Biostatistics, Eisai Inc., Nutley, NJ, USA; ¹⁵Clinical Research, Merck & Co., Inc., Rahway, NJ, USA; ¹⁶Clinical Research, Eisai Inc., Nutley, NJ, USA;



Continued improvement in OS with LEN + PEMBRO vs SUN



LEN + PEMBRO	355	342	338	327	313	300	294	280	232	207	174	133	75	31	15	5	1	0	
SUN	357	332	307	289	264	253	242	234	195	177	153	116	66	34	14	3	2	1	0

Beyond the median duration of follow-up, there was a high rate of censoring

		MSKCC		IMDC				
	Poor risk	Intermediate risk	Favorable risk*	Poor risk	Intermediate risk	Favorable risk*		
LEN +PEMBRO vs SUN HR (95% CI)	0.50 (0.25–1.02)	0.71 (0.52–0.97)	1.00 (0.51–1.96)	0.39 (0.20–0.77)	0.72 (0.52–1.00)	1.22 (0.66–2.26)*		



*Median OS was not reached for either arm, and few events were observed for patients in these risk groups.

Camillo G. Porta, MD

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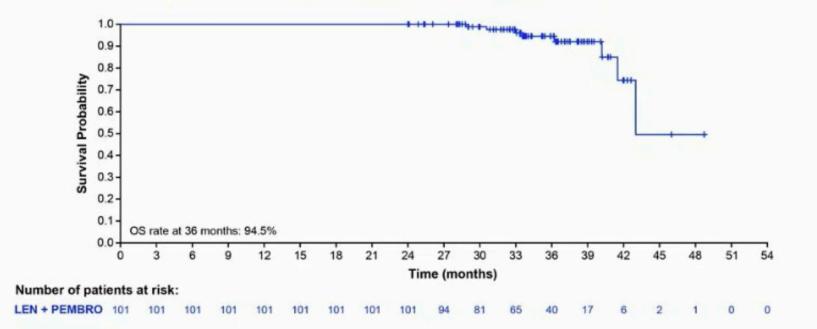
Tumor response by IIR per RECIST v1.1

	Lenvatinib + Pembrolizumab (N = 355)	Sunitinib (N = 357)			
Objective response rate, n (%)	252 (71.0)	129 (36.1)			
95% Cl ^a	(66.3, 75.7)	(31.2, 41.1)			
Difference (%) (95% CI) ^a	34.9 (28.0, 41.7	")			
Relative risk ^b	1.97 (1.69, 2.29)				
Best overall response, n (%)					
Complete response	61 (17.2)	15 (4.2)			
Partial response	191 (53.8)	114 (31.9)			
Stable disease ^c	68 (19.2)	136 (38.1)			
Progressive disease	19 (5.4)	50 (14.0)			
Unknown/Not evaluable	16 (4.5)	42 (11.8)			
Median duration of objective response, mo (95% CI)	26.0 (22.2, 41.4)	14.7 (9.4, 16.8)			

^a95% CI is constructed using the method of normal approximation; ^brelative risk is calculated using the Cochran-Mantel-Haenszel method, stratified by IxRS stratification factors; ^cmust be ≥ 7 weeks after randomization



Overall survival in patients who completed 2 years of PEMBRO and continued on LEN monotherapy



Of pts who completed 2 yrs of PEMBRO (n = 101 of 355 pts), most (n = 65) had IMDC intermediate/ poor risk disease and fewer (n = 36) had favorable risk disease, consistent with the ITT population

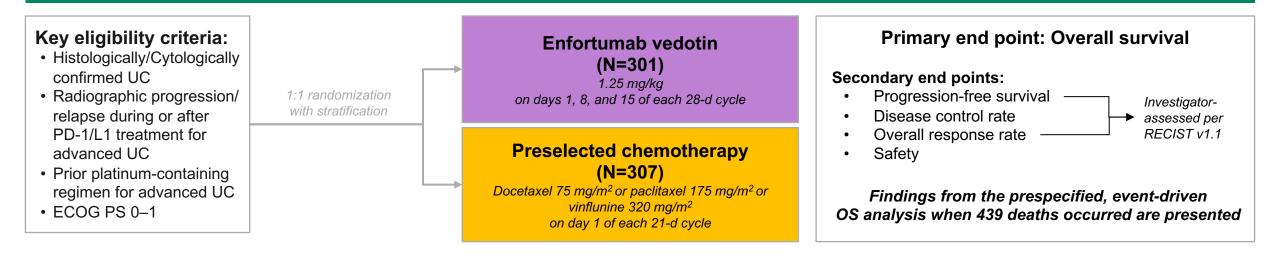


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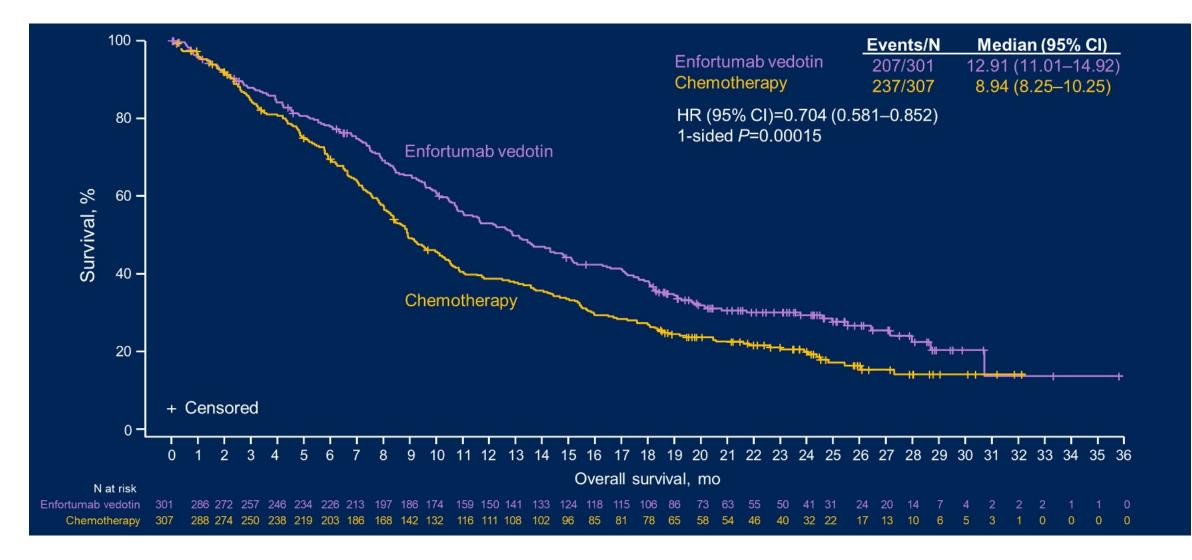
Enfortumab Vedotin for Previously Treated Advanced Urothelial Carcinoma

- The 5-year relative survival rate for metastatic bladder cancer is $\approx 8\%^1$
- Enfortumab vedotin (EV), an antibody-drug conjugate directed against Nectin-4, demonstrated overall survival (OS) and progression-free survival (PFS) benefit in patients with locally advanced or metastatic (la/m) urothelial carcinoma (UC) in the open-label, confirmatory phase 3 EV-301 trial (NCT03474107) at the prespecified interim analysis²

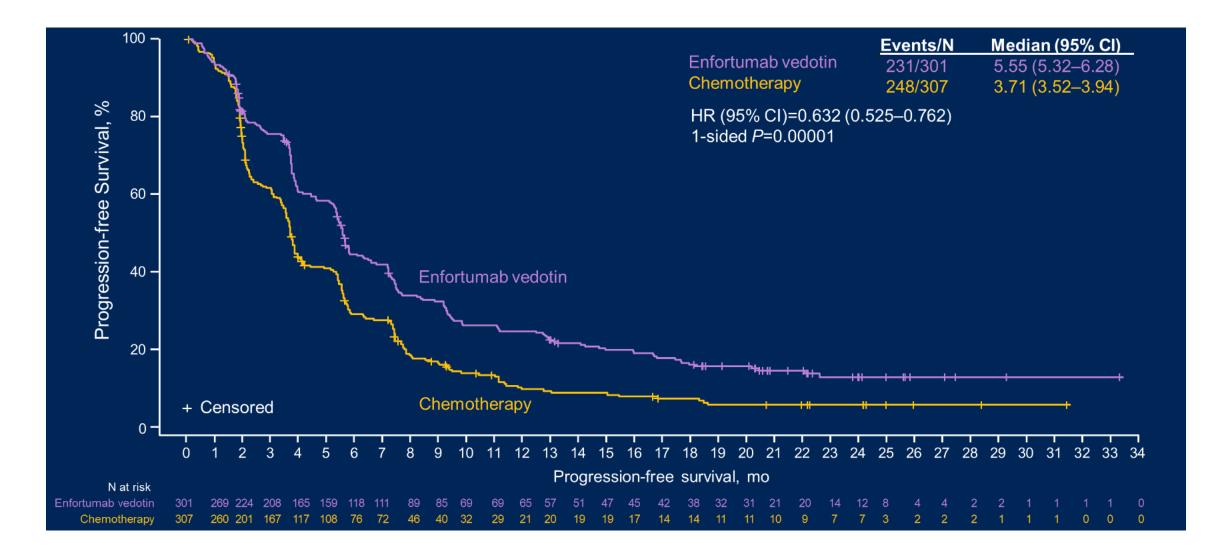
Efficacy and safety are presented for EV vs chemotherapy over a median follow-up period of ~2 years



Overall Survival



Progression free Survival



Safety/Tolerability

	Enfortuma (N=2		Chemotherapy (N=291)			
Treatment-related adverse event, n (%)	Any grade	Grade ≥3	Any grade	Grade ≥3		
Alopecia	135 (45.6)	NR	108 (37.1)	NR		
Peripheral sensory neuropathy	103 (34.8)	15 (5.1)	63 (21.6)	6 (2.1)		
Pruritus	96 (32.4)	4 (1.4)	14 (4.8)	1 (0.3)		
Fatigue	93 (31.4)	20 (6.8)	66 (22.7)	13 (4.5)		
Decreased appetite	92 (31.1)	9 (3.0)	69 (23.7)	5 (1.7)		
Diarrhea	74 (25.0)	10 (3.4)	49 (16.8)	5 (1.7)		
Dysgeusia	73 (24.7)	NR	22 (7.6)	NR		
Nausea	71 (24.0)	3 (1.0)	64 (22.0)	4 (1.4)		
Maculopapular rash	50 (16.9)	22 (7.4)	5 (1.7)	NR		
Anemia	34 (11.5)	8 (2.7)	63 (21.6)	23 (7.9)		
Decreased neutrophil count	31 (10.5)	18 (6.1)	51 (17.5)	41 (14.1)		
Neutropenia	20 (6.8)	14 (4.7)	25 (8.6)	18 (6.2)		
Decreased white blood cell count	15 (5.1)	4 (1.4)	32 (11.0)	21 (7.2)		
Febrile neutropenia	2 (0.7)	2 (0.7)	16 (5.5)	16 (5.5)		

Conclusions

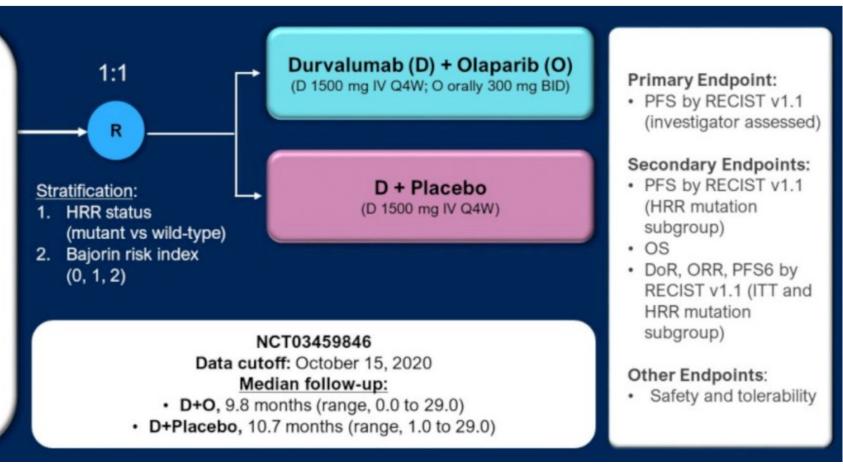
- After 2 years of follow up, EV had clinically significant OS compared to chemotherapy
- PFS and ORR were consistent with what was noted in the interim and final analysis
- Safety and tolerability were consistent with findings from interim and final analysis

BAYOU: Phase II durvalumab in combination with Olaparib for first line mUC



- ≥18 years of age
- Unresectable, stage IV UC
- TCC of bladder, renal pelvis, ureter, urethra
- Treatment-naïve
- Ineligible for platinum-based chemotherapy, defined as: unfit for carboplatin-based chemotherapy (per investigator), and meeting one of the following:
 - CrCl <60 mL/min
 - CTCAE Grade ≥2 audiometric hearing loss/peripheral neuropathy
 - NYHA Class III heart failure
 - ECOG 2
- ECOG PS 0–2

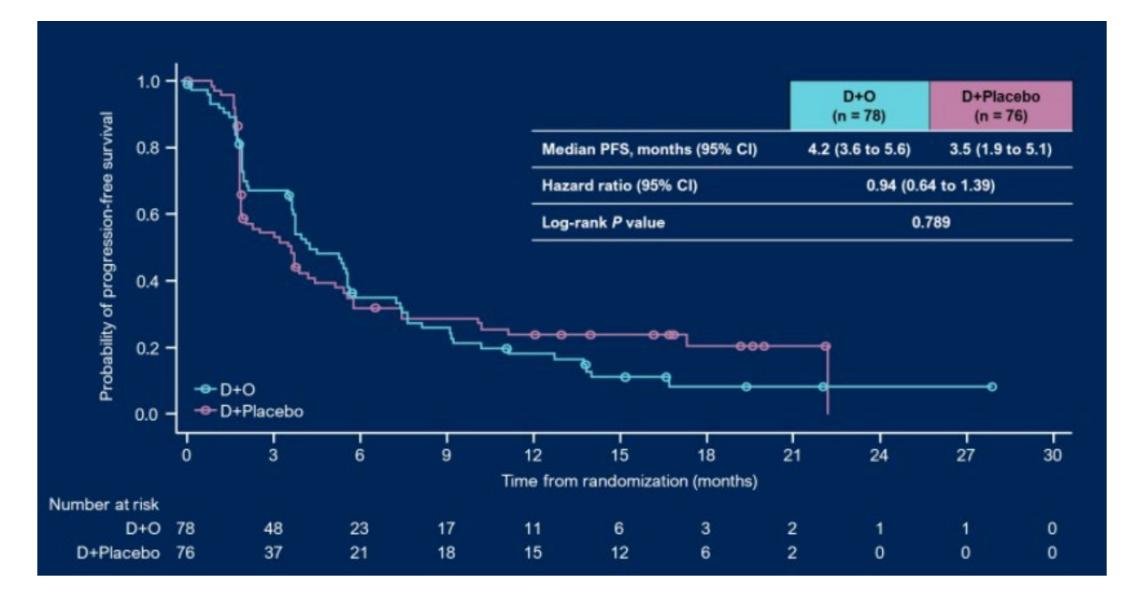
N = ~150



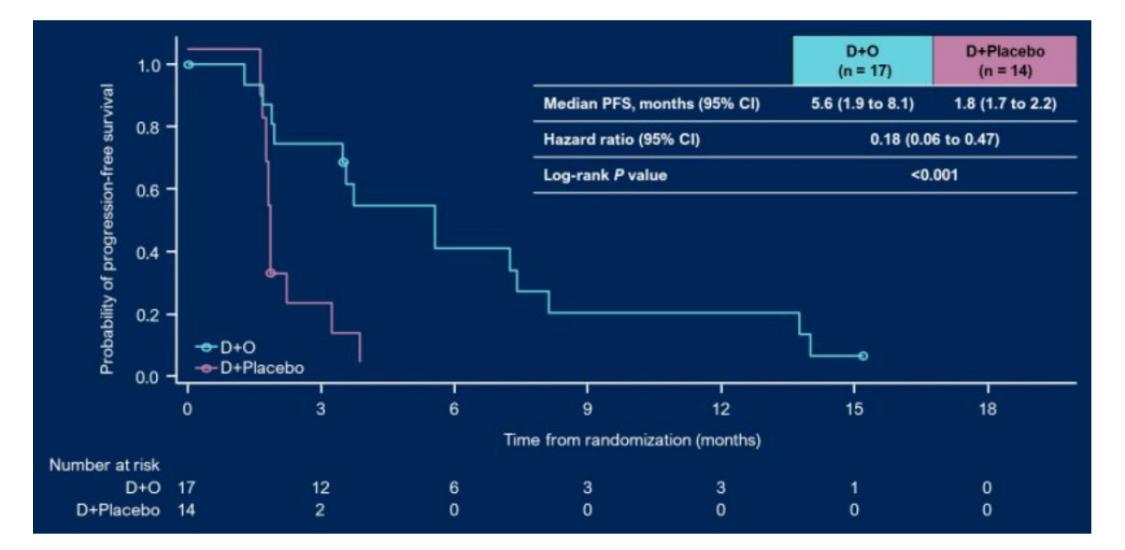
Which mutations were evaluated?

	D+O (n = 17)	D+Placebo (n = 14)
IRR mutation, n (%)		
ATM	7 (41.2)	6 (42.9)
BRCA2	3 (17.6)	4 (28.6)
BARD1	2 (11.8)	0
BRIP1	2 (11.8)	0
CDK12	2 (11.8)	2 (14.3)
BRCA1	1 (5.9)	2 (14.3)
FANCL	1 (5.9)	0
RAD51B	1 (5.9)	0
RAD51C	1 (5.9)	0
CHEK2	0	1 (7.1)

PFS Total ITT Population



PFS in HRR Mutations



Overall Survival

