

July 14-16, 2023

The Roosevelt Hotel New Orleans, Louisiana

18TH ANNUAL

New Orleans Summer Cancer Meeting

APPLYING PRECISION ONCOLOGY, EXPLOITING TUMOR MICROENVIRONMENT AND BREAKING DISPARITIES: ALL-IN-ONE FIGHTING AGAINST CANCER

Immunotherapy in Bladder and Kidney Cancer

Rohit Jain, MD, MPH Assistant Member

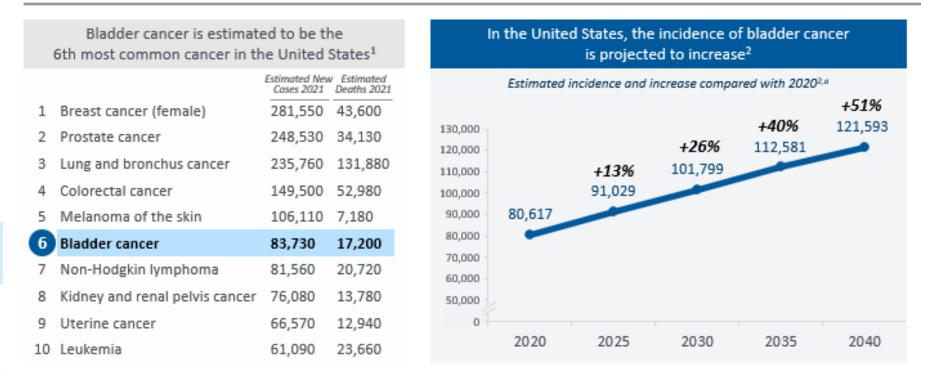
Department of Genitourinary Oncology

H. Lee Moffitt Cancer Center

Tampa, FL



Bladder Cancer Is Projected to Be a Growing Health Problem in the US



^aAs with all estimates, cancer predictions for future years should be interpreted with due caution. The key assumptions are that national rates, as estimated in 2020, do not change in the prediction period 2020-2040 and that the national population projections are correct for these years.

1. National Cancer Institute. Cancer stat facts: bladder cancer. https://seer.cancer.gov/statfacts/html/urinb.html. Accessed 06-08-2021.2. International Agency for Research on Cancer. Cancer tomorrow: bladder. http://goo.iarc.fr/tomorrow. Accessed 02-08-2021.2.

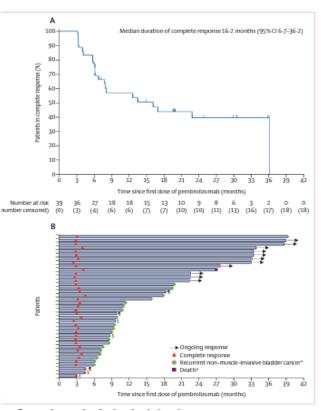


Pembrolizumab monotherapy for the treatment of high-risk non-muscleinvasive bladder cancer unresponsive to BCG (KEYNOTE-057): an openlabel, single-arm, multicentre, phase 2 study

	Cohort A efficacy population (n=96)*
Complete response	39 (41%, 30-7-51-1)
Non-complete response	56 (58%, 47.8-68.3)
Persistent disease†‡	40 (42%, 31-7-52-2)
Recurrent disease	6 (6%, 2-3-13-1)
Non-muscle-invasive bladder cancer stage progression§	9 (9%, 4-4-17-1)
Non-bladder malignancy¶	1 (1%, 0.0-5.7)
Progression to muscle-invasive disease (T2)	0 (NA-NA)
Non-evaluable	1 (1%, 0.0-5.7)

Data are n (%, 95% CI). NA=not applicable. *Patients with high-risk non-muscleinvasive bladder cancer who received at least one dose of the study drug, had baseline evaluations, and had at least one post-baseline disease assessment. †Defined as patients with carcinoma in situ at baseline who also had carcinoma in situ with or without papillary tumour at month 3. ‡Defined as pathologically confirmed appearance of papillary turnour (high-grade Ta or T1) without carcinoma in situ at month 3. SDefined as an increase in stage from carcinoma in situ or high-grade Ta at baseline to T1 disease. ¶For this patient, new liver lesions were found on imaging; later, a second primary malignancy of pancreatic cancer was found. Subsequent review of the baseline scan showed subtle findings that, in retrospect, could be attributed to pancreatic cancer, and later scans showed metastases that were most likely from the pancreatic cancer. Clinical course and laboratory values further supported the diagnosis of metastatic pancreatic cancer. ||Patients whose protocol-specified efficacy assessments were missing or who discontinued from the trial for reasons other than progressive disease were not evaluable for efficacy and considered non-responders.

Table 2: Best overall response at month 3 by central review in patients with BCG-unresponsive carcinoma in situ



Balar A et al Lancet 2021

Muscle Invasive Bladder Cancer

Standard Treatment is Cisplatin-Based Neoadjuvant Chemotherapy

Neoadjuvant Single-agent IO and enfortumab vedotin is also effective in MIBC

	PURE-011	ABACUS ²	NABUCCO ³	AURA4	MDACC ⁵	DUTRENEO ⁶
N	114	95	24 (14)	28	28	23
Immunotherapy	Pembrolizumab	Atezolizumab	lpi/Nivo	Avelumab	Durval/Tremi	Durva/Tremi
Cisplatin eligible	~	\checkmark	×	×	×	×
pCR (pT0)	37%	31%	46%	36% *(includes Tis)	37.5%	34.8%
PFS	91% (1yr)	79% (1yr)	92% (1yr)	Not reported	82.8% (1yr)	Not reported

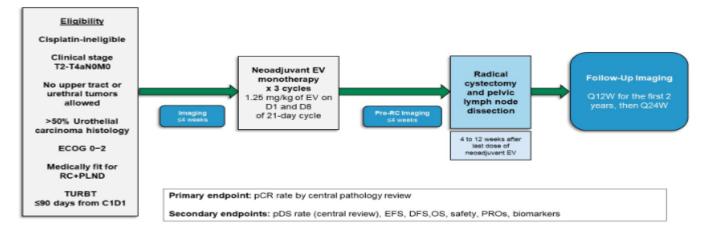
1Necchi et al, Eur Urol 2022, 2 Powles et al, Nat Med 2019, 3Van Dijk et al, ASCO Annual Mig 2020;abstr 5020, 4 Kaimakliolis et al, ASCO Annual Mig 2020;abstr 5019 5Gao J et al Nature Med 2020 6. Grande E et al. J Clin Oncol Suppl 5012 7. Petrylak D et al. ASCO GU 2022



Slide Courtesy With Permission from Gupta S GU ASCO 2023

Enfortumab Vedotin

EV-103 Cohort H Study Design



Pathological Response	Central Pathology Results (N=22) n (%) [95% Confidence Interval]
Pathological Complete Response Rate	8 (36.4%)
(defined as absence of any viable tumor tissue: ypT0 and N0)	[17.2–59.3]
Pathological Downstaging Rate	11 (50.0%)
(defined as presence of ypT0, ypTis, ypTa, ypT1, and N0)	[28.2–71.8]



Neoadjuvant Chemo-IO is effective in cis-eligible MIBC

	BLASST-1 ¹ (N = 41)	HCRN GU14-188 ² (N = 43)	LCCC1520 ³ (N = 39)	MKSCC ⁴ (N = 39)	SAKK 06/17 ⁵ (N = 53)
Immunotherapy	Nivolumab	Pembrolizumab	Pembrolizumab	Atezolizumab	Durvalumab
Chemotherapy	Gem-Cis	Gem-Cis	Split dose Gem-Cis	Gem-Cis	Gem-Cis
pCR (pT0), %	49% *(includes Tis)	44	39	38	34
RFS	85.4% (1yr)	Not reported	Not reported	Not reported	83.5% (2yr)

Gupta S et al. ASCO GU 2020. Abstract 439. 2. Holmes CJ et al. ASCO 2020. Abstract 5047. 3. Rose TL et al. J Clin Oncol. 2021;39:3140-3148. 4. Funt SA et al. J Clin Oncol. 2022;40:1312-1322.
 Cathomas R et al. ASCO 2022. Abstract 4515

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14

Ongoing Phase 3 trials

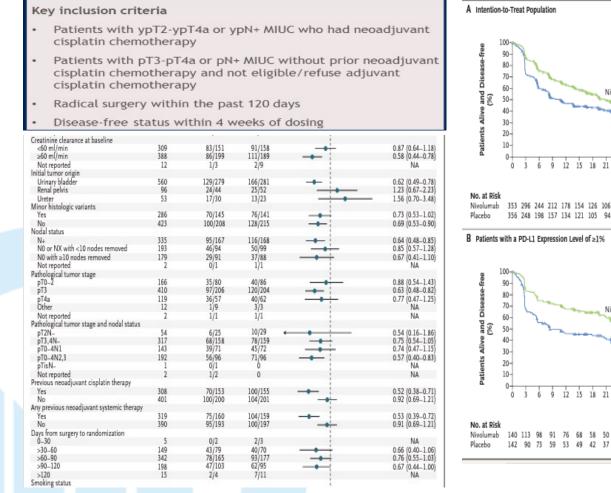
Ongoing	Phase 3 Neoadju	vant IO-b	ased Trials in MIBC
	Clinical Trial	N	Treatment Arms
	KEYNOTE-866	870	Pembro + GC vs GC
	KEYNOTE-B15/EV-304	784	Pembro +EV vs GC
CISPLATIN ELIGIBLE	NIAGARA	1050	Durva+ GC vs GC
	ENERGIZE	1200	Nivo + GC vs GC GC+ Nivo + Linrodostat
	KEYNOTE-905/ EV-303	836	RC vs Pembro+EV vs Pembro
CISPLATIN-	VOLGA	830	RC vs Druva/Tremi+EV vs Durva+EV
INELIGIBLE	SWOG GAP	196	Surgery vs Gem-Carbo+ Avelumab
	SWOG GAP	190	Surgery vs Gem-Garbo- Avelumab

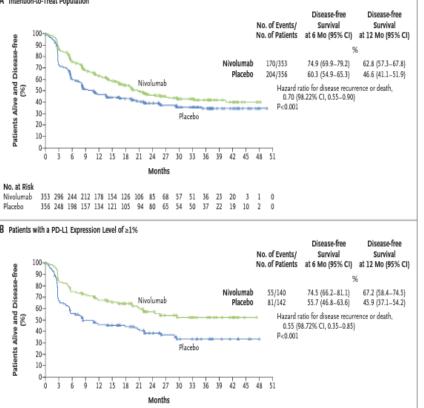


ORIGINAL ARTICLE

Adjuvant Nivolumab versus Placebo in Muscle-Invasive Urothelial Carcinoma

Dean F. Bajorin, M.D., J. Alfred Witjes, M.D., Jürgen E. Gschwend, M.D., Michael Schenker, M.D., Begoña P. Valderrama, M.D., Yoshihiko Tomita, M.D., Ph.D., Aristotelis Barnias, M.D., Thierry Lebret, M.D., Shahrokh F. Shariat, M.D., Se Hoon Park, M.D., Dingwei Ye, M.D., Mads Agerbaek, M.D., Deborah Enting, M.D., Ray McDermott, M.D., Pablo Gajate, M.D., Avivit Peer, M.D., Matthew I. Milowsky, M.D., Alexander Nosov, M.D., João Neif Antonio, Jr., M.D., Krzysztof Tupikowski, M.D., Laurence Toms, B.M., B.Ch., Bruce S. Fischer, M.D., Anila Oureshi, M.D., Sandra Collette, M.Sc., Keziban Unsal-Kacmaz, Ph.D., Edward Broughton, Ph.D., Dimitrios Zardavas, M.D., Henry B. Koon, M.D., and Matthew D. Galsky, M.D.





140 113 98 91 76 68 58 50 38 31 27 24 21 12 10 1 0 0 142 90 73 59 53 49 42 37 28 22 17 16 12 7 5 3 1 0



THE LANCET Oncology

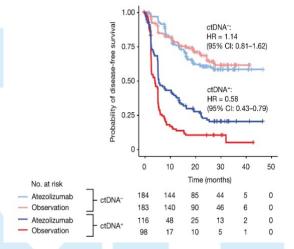
Volume 22, Issue 4, April 2021, Pages 525-537

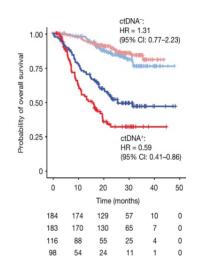
Articles



Adjuvant atezolizumab versus observation in muscle-invasive urothelial carcinoma (IMvigor010): a multicentre, open-label, randomised, phase 3 trial

Joaquim Bellmunt MD^a , 🖾 , Prof Maha Hussain MD^b, Prof Jürgen E Gschwend MD^c, Prof Peter Albers MD^d, Prof Stephane Oudard MD^e, Daniel Castellano MD^f, Siamak Daneshmand MD^g, Prof Hiroyuki Nishiyama MD^b, Martin Majchrowicz MPHⁱ, Viraj Degaonkar PharmDⁱ, Yi Shi PhDⁱ, Sanjeev Mariathasan PhDⁱ, Petros Grivas MD^{j k I}, Alexandra Drakaki MD^m, Peter H O'Donnell MDⁿ, Prof Jonathan E Rosenberg MD^o^P, Daniel M Gevnisman MD^q, Prof Daniel P Petrvlak MD^r, Jean Hoffman-Censits MD^g.





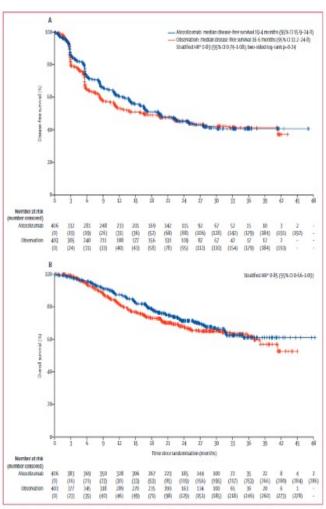


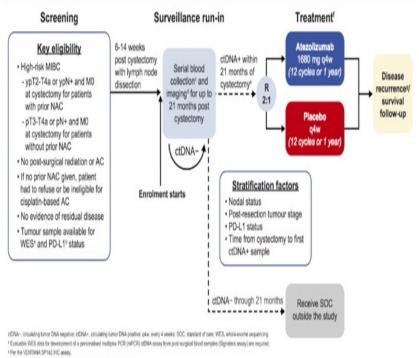
Figure 2: Kaplan Meler plots for investigator assessed disease free survival (A) and overall survival (B) in the intention to treat population HR-hazard ratio. "Stratified by post resection tumour stage, nodal status, and PD-L1 status.



Bellmunt et al 2021 Lancet Powles T et al 2021 Nature

IMvigor 011

MODERN



* Every 6 weeks up to 36 weeks and q12w (every 12 weeks) up to 21 months.

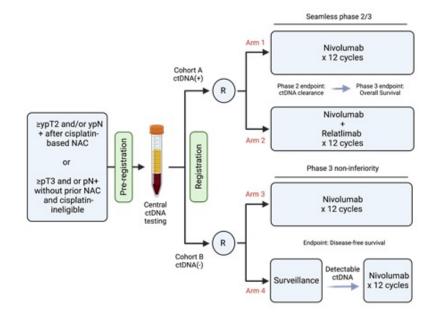
1 q12w up to Week 84 or until 21 months from date of cystectomy, whichever occurs first.

• cDNA positivity is defined as 12 mutations per cIDNA mPCR assay. Patients will be randomised to treatment at the first cIDNA+ sampler, full recovery from

systectomy and no evidence of disease recurrence within 28 days of treatment initiation is required.

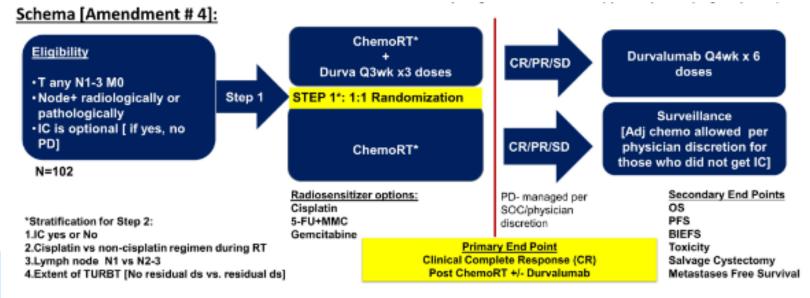
Imaging and blood draws give (every 9 weeks) starting at Week 9 up to Week 54.

Assessed gW up to Year 3; less often up to Year 6.





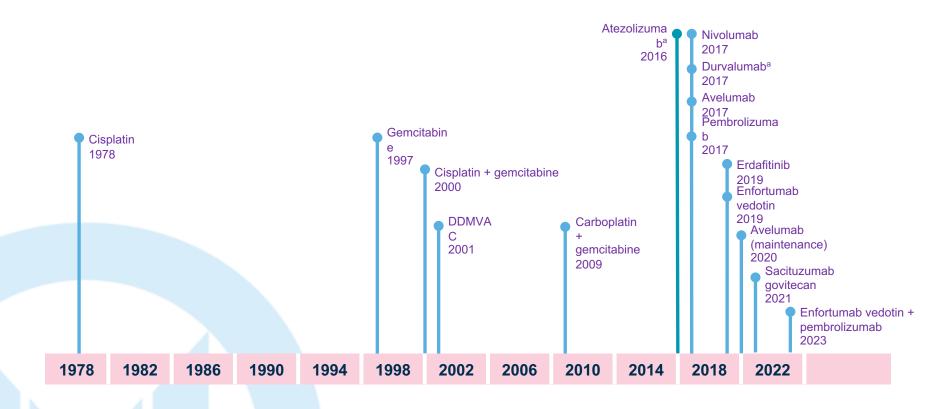
EA8185: Phase 2 study of bladder-sparing chemoradiation (chemoRT) with durvalumab in clinical stage III, node-positive urothelial carcinoma (INSPIRE), an ECOG-ACRIN/NRG collaboration.





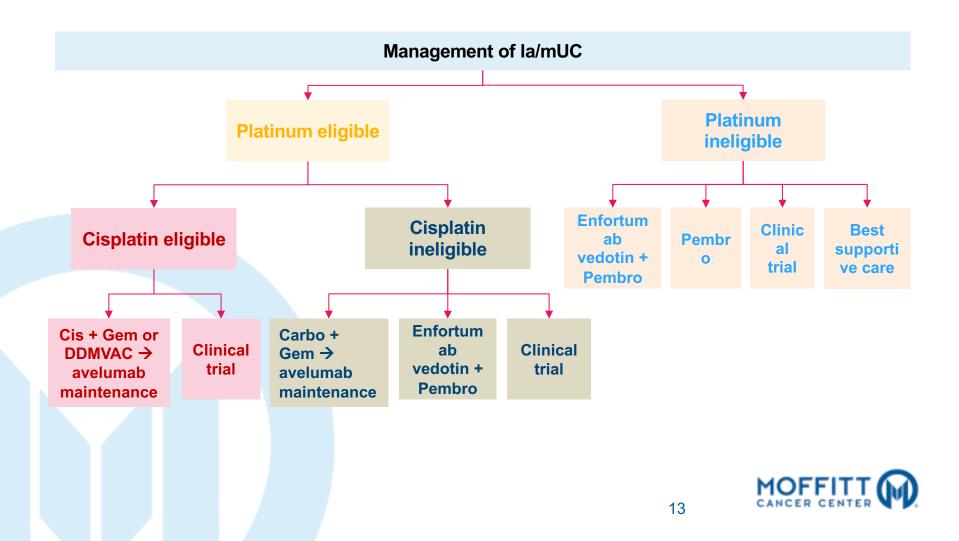
Joshi M GU ASCO 2022, Shilpa Gupta GU ASCO 2023

Treatment Landscape for la/mUC





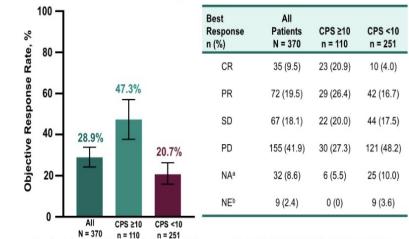
First-Line Management of Ia/mUC



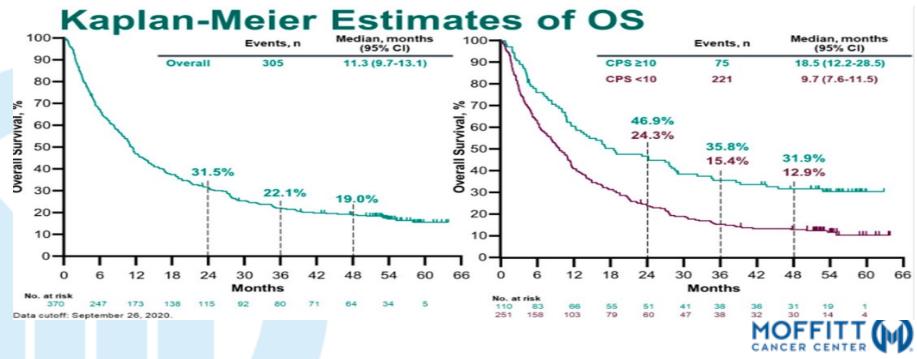
First-line pembrolizumab in cisplatin-ineligible patients with locally advanced and unresectable or metastatic urothelial cancer (KEYNOTE-052): a multicentre, single-arm, phase 2 study

Arjun V Balar, Daniel Castellano, Peter H O'Donnell, Petros Grivas, Jacqueline Vuky, Thomas Powles, Elizabeth R Plimack, Noah M Hahn, Ronald de Wit, Lei Pang, Mary J Savage, Rodolfo F Perini, Stephen M Keefe, Dean Bajorin, Joaquim Bellmunt

Confirmed ORR per RECIST v1.1

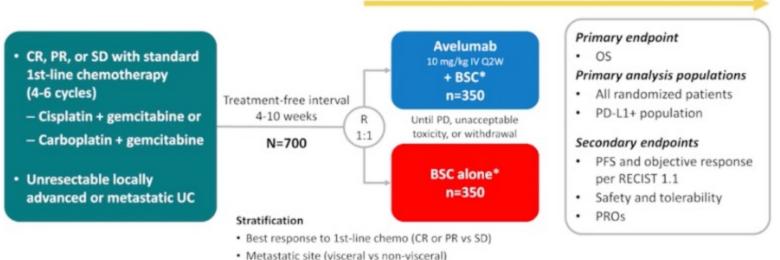


o available postbaseline imaging data. Had postbaseline imaging, and best objective response was determined to be NE by RECIST v1.1. Data cutoff: September 26, 2020



Balar et al 2017 Lancet oncology; O'Donell P. ASCO 2021

JAVELIN Bladder 100 study design (NCT02603432)



All endpoints measured post randomization (after chemotherapy)

PD-L1+ status was defined as PD-L1 expression in ≥25% of tumor cells or in ≥25% or 100% of tumor-associated immune cells if the percentage of immune cells was >1% or ≤1%, respectively, using the Ventana SP263 assay; 358 patients (51%) had a PD-L1–positive tumor

BSC, best supportive care; CR, complete response; IV, intravenous; PR, partial response; PRO, patient reported outcome; Q2W, every 2 weeks; R, randomization; RECIST 1.1, Response Evaluation Criteria in Solid Tumors version 1.1; SD, stable disease

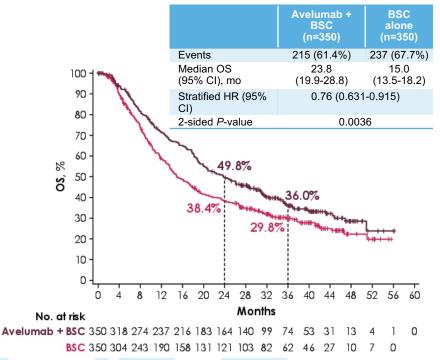
*BSC (eg. antibiotics, nutritional support, hydration, or pain management) was administered per local practice based on patient needs and clinical judgment; other systemic antitumor therapy was not permitted, but palliative local radiotherapy for isolated lesions was acceptable

Powles T, et al. J Clin Oncol 38: 2020 (suppl; abstr LBA1

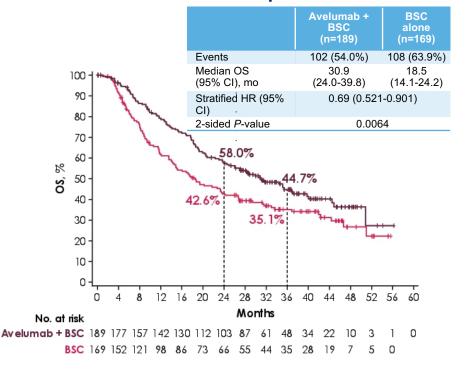


JAVELIN Bladder 100: Overall Survival

OS in the Overall Population

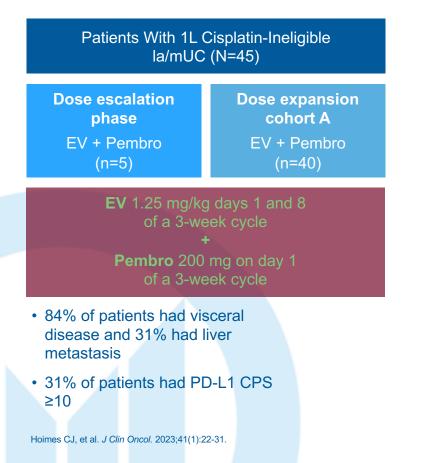


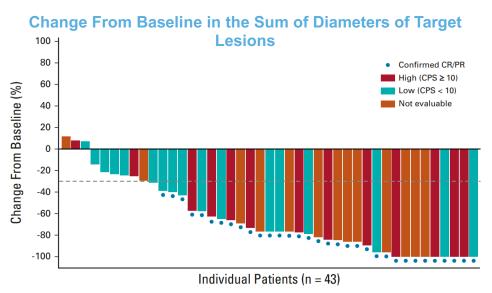
OS in the PD-L1+ Population





EV-103 Dose Escalation and Cohort A: Phase 1b/2 Trial of Enfortumab Vedotin + Pembrolizumab





Confirmed ORR [95% CI]	73.3% (33/45) [58.1-85.4]		
Complete response	15.6% (7/45)		
Partial response	57.8% (26/45)		

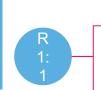
57.1% ORR in patients with liver metastases



EV-103 Cohort K: Phase 1b/2 Trial of Enfortumab Vedotin + Pembrolizumab



- la/mUC
- Cisplatin ineligible
- No prior treatment for la/mUC



Primary endpoint: ORR per BICR Key secondary endpoints: ORR per investigator assessment, DOR, disease control rate, PFS, OS, safety/tolerability, lab abnormalities

No formal statistical comparisons were conducted between the two treatment arms

Rosenberg JE, et al. ESMO 2022. Abstract LBA73.

N=76 EV 1.25 mg/kg days 1 and 8 of a 3-week cycle + Pembro 200 mg on day 1 of a 3-week cycle

- EV + Pembro arm: 84% of patients had visceral disease and 17% had liver metastasis
- EV + Pembro arm: 41% of patients had PD-L1 CPS ≥10

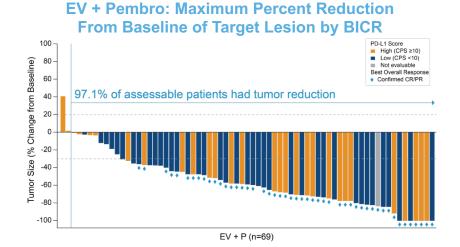
N=73 EV 1.25 mg/kg days 1 and 8 of a 3-week cycle



EV-103 Cohort K: Phase 1b/2 Trial of Enfortumab Vedotin + Pembrolizumab

	EV + Pembro N=76	EV Mono N=73
Confirmed ORR (95% CI)	49 (64.5%) (52.7-75.1)	33 (45.2%) (33.5-57.3)
Best overall response		
CR	8 (10.5%)	3 (4.1%)
PR	41 (53.9%)	30 (41.1%)
SD	17 (22.4%)	25 (34.2%)
PD	6 (7.9%)	7 (9.6%)
NE	3 (3.9%)	5 (6.8%)
No assessment	1 (1.3%)	3 (4.1%)
Median time to objective response, mo (range)	2.07 (1.1-6.6)	2.07 (1.9-15.4)
Median number of treatment cycles (range)	11.0 (1-29)	8.0 (1-33)

 EV + Pembro arm: 7/13 (53.8%) confirmed ORR observed in patients with liver metastases

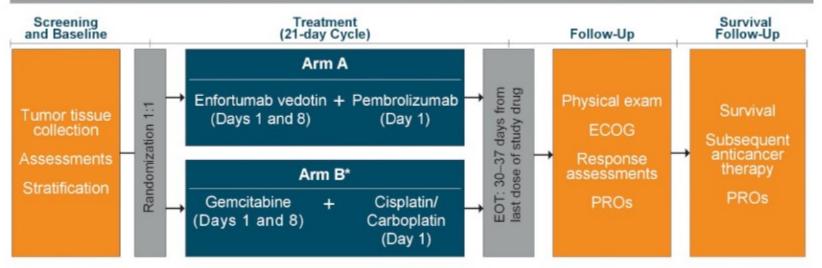


	EV + Pembro N=76	EV Mono N=73
Median DOR, mo (95% CI)	NR (10.25-NR)	13.2 (6.14- 15.97)
Median PFS , mo (95% CI)	NR (8.31-NR)	8.0 (6.05-10.35)
Median OS , mo (95% CI)	22.3 (19.09-NR)	21.7 (15.21-NR)





EV-302/Keynote-A39 Study Design





Second-Line Treatment Options Post-Platinum Treatment*

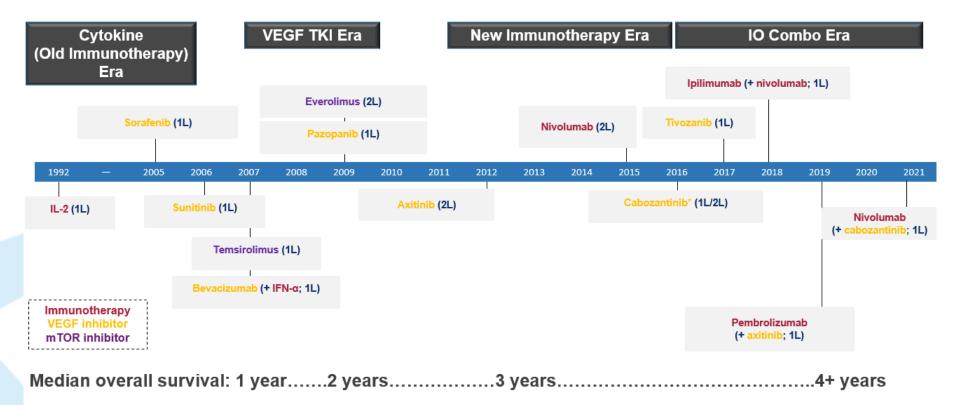
	KEYNOTE-045 ¹ Pembrolizumab Phase 3	IMvigor 210² Atezolizumab Phase 2	CheckMate 275³ Nivolumab Phase 2	Study 1108⁴ Durvalumab Phase 1/2	JAVELIN solid tumor ⁵ Avelumab Phase 1B
Patient number	542	310 (Cohort 2)	270	191	242
Study Arms	Pembrolizumab 200 mg (IV) q3w	Atezolizumab 1200 mg (IV) q3w	Nivolumab 3 mg/kg IV q2w	Durvalumab 10 mg/kg IV q2w	Avelumab 10 mg/kg q2w
Key Inclusion Criteria	 Metastatic or locally advanced urothelial cancer Progression after 1 or 2 lines of platinum- based therapy Measurable disease ECOG PS 0-2 	Cohort 2: • ≥1 Platinum- containing or ≤12 months of neoadjuvant/ adjuvant treatment • Tumor tissue for PD- L1 testing • ECOG PS 0-1	 ≥1 Platinum- containing or ≤12 months of neoadjuvant/ adjuvant treatment Tumor tissue for PD- L1 testing ECOG PS 0-1 	 Histologically confirmed solid tumors Locally advanced or mUC cohort: Had progressed, on were ineligible for, or refused any number of prior therapies ECOG PS 0-1 	 Solid tumors mUC cohort: Had progressed post- platinum treatment or cisplatin-ineligible Unselected for PD-L1 ECOG PS 0-1
ORR (%)	• 21.1	• 15	• 19.6	• 20.4	• 16.1 (after ≥6 weeks follow-up)
Median PFS (months)	• 2.1	• 2.1	• 2.0	• NA	• NA
Median OS (months)	• 10.3	• 7.9	• 8.7	• NA	• NA

*No head-to-head studies have been conducted and direct comparisons cannot be made between these studies.

1. Bellmunt et al. N Engl J Med 2017; 376:1015-1026; 2. Loriot Y et al. Poster presentation at ESMO 2016. 783P; 3. Sharma P, et al. Lancet Oncol. 2017; 4. Powles T, et al. Poster presentation at ASCO GU. 286; 5. Patel M et al. Poster presentation at ASCO GU. 330.



The Evolving Treatment Landscape in Metastatic Clear Cell RCC



Slide Courtesy to Sandy Srinivas, MD. 5th Annual Global Summit on Genitourinary Cancer, Banff 2022



Studies of Adjuvant IO in RCC

Trial	Sample Size	Inclusion Criteria	Treatment	Primary Endpoint	Expected Results
Keynote-564 ¹	994	pT2G4, pT3aG3-4, pT3b-T4Gx, pTxN1, pTxNxM1 (resected to NED within 1 year); clear cell	Pembrolizumab vs placebo	DFS	ASCO 2021 ASCO GU 2022
IMmotion010 ²	778	pT2G4, pT3aG3-4, pT3b-T4Gx, pTxN1, pTxNxM1 (resected to NED*); clear cell	Atezolizumab vs placebo	DFS	ESMO 2022 NS DFS HR 0.93; P=0.4950
CheckMate-914 ³	1600	pT2aG3-4N0, pT2b-T4GxN0, pTxGxN1; clear cell	Nivolumab + ipilimumab vs. nivolumab + placebo vs placebo <i>(6 months)</i>	DFS	ESMO 2022 <i>Part A (Nivo+lpi)</i> NS DFS HR, 0.92; P=0.5347
PROSPER RCC ⁴	766	cT2Nx, cTxN1, cTxNxM1 (resected to NED); any RCC histology	Nivolumab vs observation	EFS	ESMO 2022 NS DFS HR, 0.97; P=0.43 Trial stopped for futility
RAMPART ⁵	1750	Leibovich score 3-11; any RCC histology	Durvalumab + tremelimumab vs durvalumab vs observation	DFS, OS	7/2024

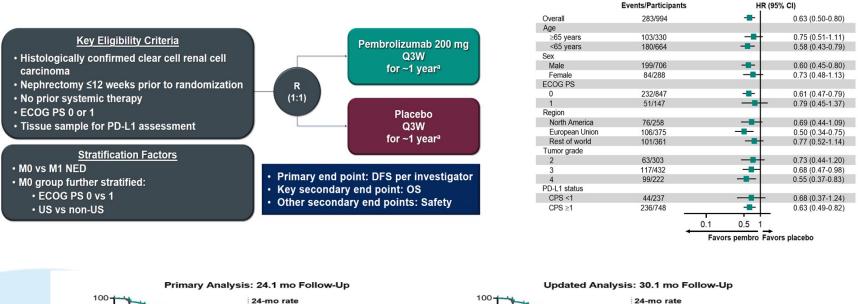
*Metachronous pulmonary, lymph node, or soft tissue recurrence >12 months from nephrectomy.

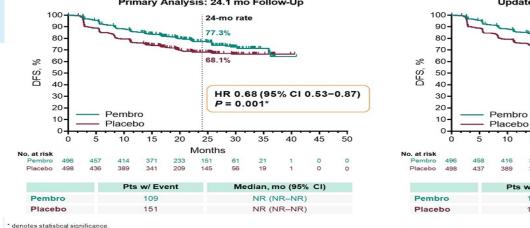
DFS, disease-free survival; EFS, event-free survival; NED, no evidence of disease; RCC, renal cell carcinoma; OS, overall survival; NS, nonsignificant.

1. Choueiri TK et al. N Engl J Med. 2021;385:683-694. 2. NCT03024996. 3. NCT03138512. 4. NCT03055013. 5. NCT03288532.



KEYNOTE 564





11T population included all randomized participants. DFS, disease-free survival; NR, not reached. Primary analysis data cutoff date: December 14, 2020. Updated analysis data cutoff date: June 14, 2021

Data cutoff at updated analysis: June 14, 2021 Powles T, et al. Lancet Oncol. 2022;23;1133-1144; Choueiri TK, et al. ASCO GU 2022. Abstract 290 Choueiri TK et al. N Engl J Med. 2021;385:683-694; Choueiri TK et al. 2021 ASCO Annual Meeting. Abstract LBA5.

78.3%

67.3%

25

Months

255

230

30

135

125

15

356

114

169

w/ Event

Pts

20

325

HR 0.63 (95% CI 0.50-0.80)

40

37

33

Median, mo (95% CI)

NR (NR-NR)

NR (40.5-NR)

45

50

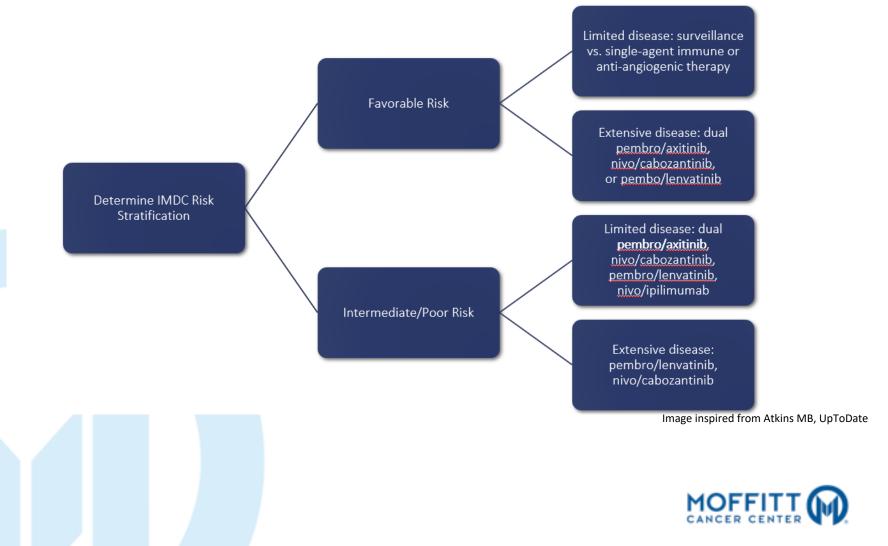
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Nominal P < 0.0001

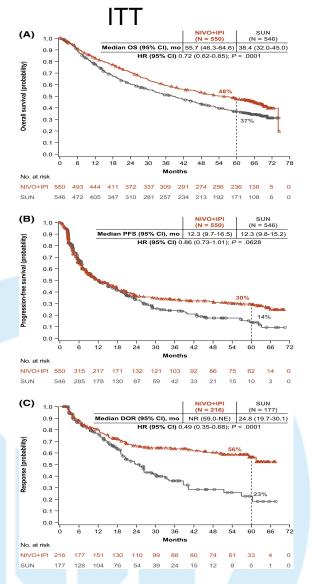
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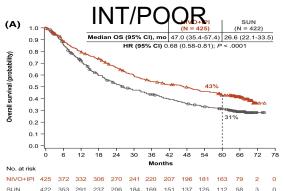
74

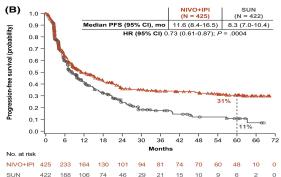
Overview of Systemic Therapy in RCC Based on IMDC Risk Stratification

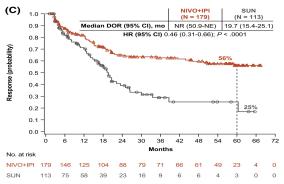


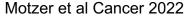
CheckMate 214: Nivo + IPI vs Sunitinib

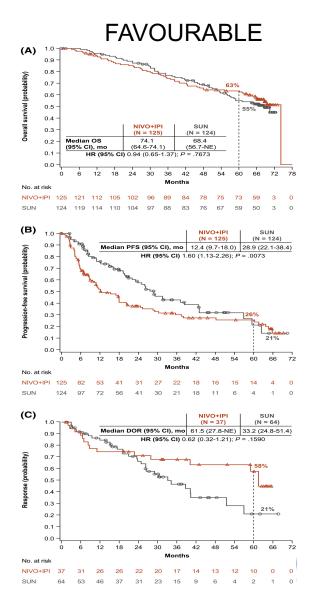




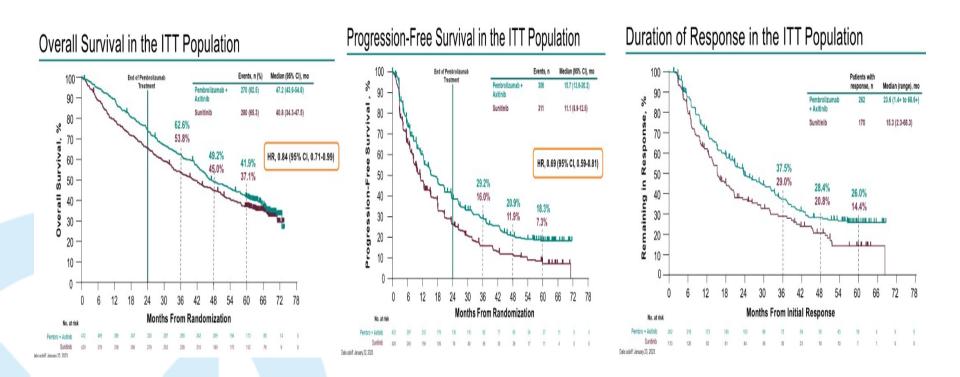








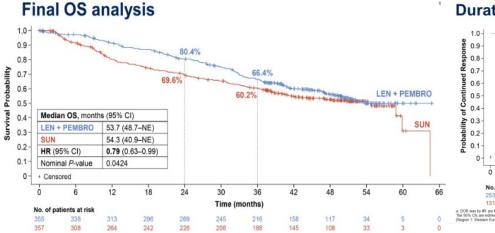
KEYNOTE 426: Pembrolizumab/Axitinib vs Sunitinib



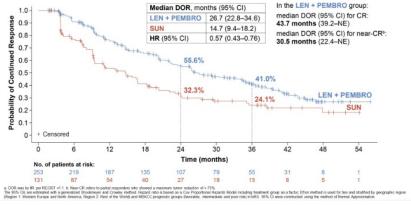


Rini et al ASCO 2023

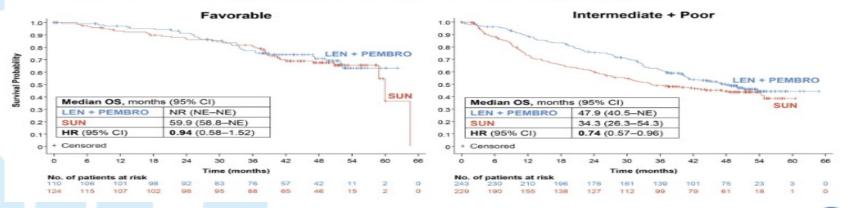
CLEAR: Lenvatinib + Pembro vs Sunitinib



Duration of response^a



Final OS analyses in IMDC risk subgroups



MOFFITT

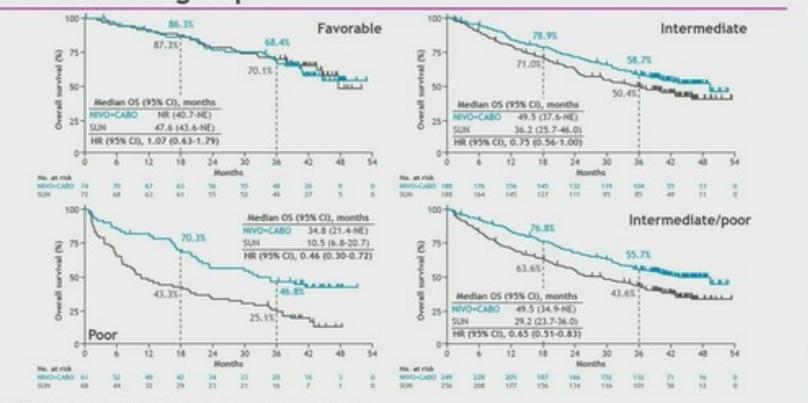
Hudson et al ASCO 2023

CheckMate 9ER: Nivolumab + Cabozantinib vs

Sunitinib

CheckMate 9ER

OS: IMDC risk group

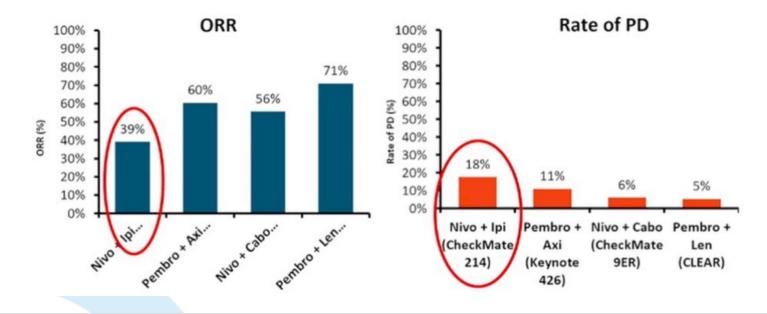


Hedian follow-up for 05, 44.0 months. Unstratified Cox proportional hazard model used for HR.

Burotto M GU ASCO 2023



Cross-Trial Comparison of Response in ITT Population



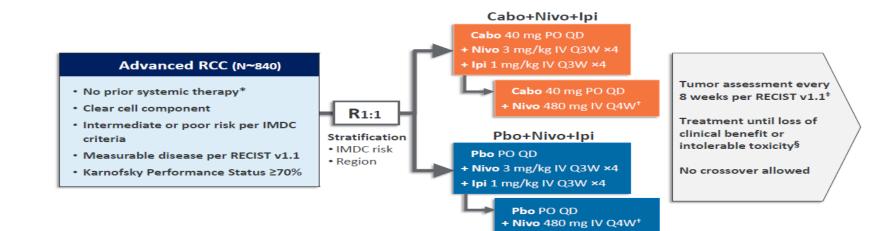
- Response rate may be a more immediately meaningful endpoint than survival measure.
- IO/IO has the lowest response rate and higher primary progressive disease.
- TKI containing therapy is more likely to control symptoms and may be prioritized.

Motzer. ESMO 2021. Abstr 661P. Rini. ASCO 2021. Abstr 4500; Motzer. ASCO GU 2022. Abstr 350. Motzer. ASCO GU 2021. Abstr 269. Pickering L, EIKCS 2022



COSMIC-313

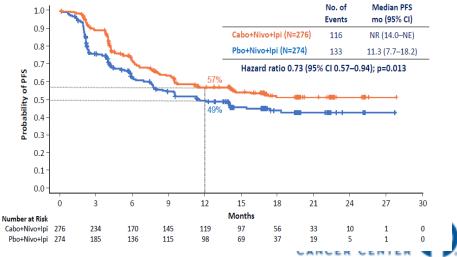
COSMIC-313 Study Design



Tumor Response (PITT Population)

Cabo+Nivo+Ipi (N=276)	Pbo+Nivo+lpi (N=274)
43 (37.2–49.2)	36 (30.1–41.8)
7 (3)	9 (3)
112 (41)	89 (32)
119 (43)	100 (36)
23 (8)	55 (20)
15 (5)	21 (8)
86	72
2.4 (1.5–17.1)	2.3 (1.9–16.8)
NR (20.2–NE)	NR (NE-NE)
	(N=276) 43 (37.2-49.2) 7 (3) 112 (41) 119 (43) 23 (8) 15 (5) 86 2.4 (1.5-17.1)

Progression-Free Survival: Final Analysis (PITT Population)



Choueiri T. et al ESMO 2022

VEGF-IO in Refractory RCC

Phase III CONTACT-03 study

Key eligibility criteria

 Advanced/metastatic clear cell or non-clear cell^a RCC with or without a sarcomatoid component Radiographic progression on or after prior ICI treatment

- ICI as adjuvant, 1L or 2L (single agent or in combination with another permitted agent)
- · ICI in the immediately preceding line of therapy

Stratification factors

IMDC risk group
 0 vs 1-2 vs ≥3

Histology

Dominant clear cell without sarcomatoid vs dominant non-clear cell without sarcomatoid vs any sarcomatoid^b

- Most recent line of ICI
- Adjuvant vs 1L vs 2L

Atezolizumab 1200 mg IV q3w + Cabozantinib 60 mg daily PO Cabozantinib 60 mg daily PO Primary endpoints • Independent centrally-assessed PFS^c • OS Key secondary endpoints • Investigator-assessed PFS^c

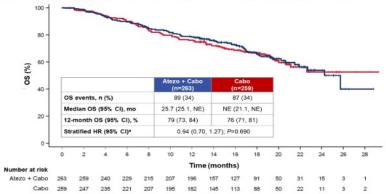
• ORR (per central review and per investigator)^c • Duration of response (per central review and per investigator)^c • Safety

ClinicalTréas gov ID, NCT04338269, NDC, International Matastalic RCC Database Consortium, Patients were enrolled between July 28, 2020 and December 27, 2021. * Papilary, chromophobe or unclessified (chromophobe requires sercomatolid differentiation). * Clear cell or non-clear cell.* Assessed according to RECIST 1.1.

Primary analysis of centrally reviewed PFS (primary endpoint) (n=263) PFS events, n (%) 171 (65) 166 (64) Median PFS (95% CI), mo 10.6 (9.8, 12.3) 10.8 (10.0, 12.5) central review (%) 80 12-month PFS (95% CI), % 44 (38, 50) 48 (42, 54) Stratified HR (95% CI)a 1.03 (0.83, 1.28); P=0.784 60

40 per PFS 20 10 12 14 22 Time (months) Number at risk Atezo + Cabo 133 100 68 71 253 226 188 158 43 22 263 34 130 12 Cabo 242 216 183 153 109 52

Interim analysis of OS (primary endpoint)





Choueiri et al ASCO 2023

R

1:1

N=522

Conclusions

- Immunotherapy has become the backbone for bladder and kidney cancer treatment regimens.
- ADCs and IO combination in bladder cancer are very promising with high ORR and will change the treatment landscape.
- Multiple VEGF inhibitor + IO combinations have demonstrated superior disease control to sunitinib monotherapy in frontline advanced/metastatic RCC.
- Without direct comparisons in a clinical trial setting and positive results from each combination, differentiation among these approved VEGF + IO combinations relies on the ease of use for the regimen and selecting the appropriate regimen for each patient based on patient characteristics and risk factors.
- Biomarkers are required for better patient selection and treatment response.

