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# ENFORTUMAB VEDOTIN (EV) ALONE OR IN COMBINATION WITH PEMBROLIZUMAB (P) IN PREVIOUSLY UNTREATED CISPLATIN-INELIGIBLE PATIENTS WITH LOCALLY ADVANCED OR METASTATIC UROTHELIAL CANCER (Ia/mUC): SUBGROUP ANALYSES OF CONFIRMED OBJECTIVE RESPONSE RATE (cORR) FROM EV-103 COHORT K

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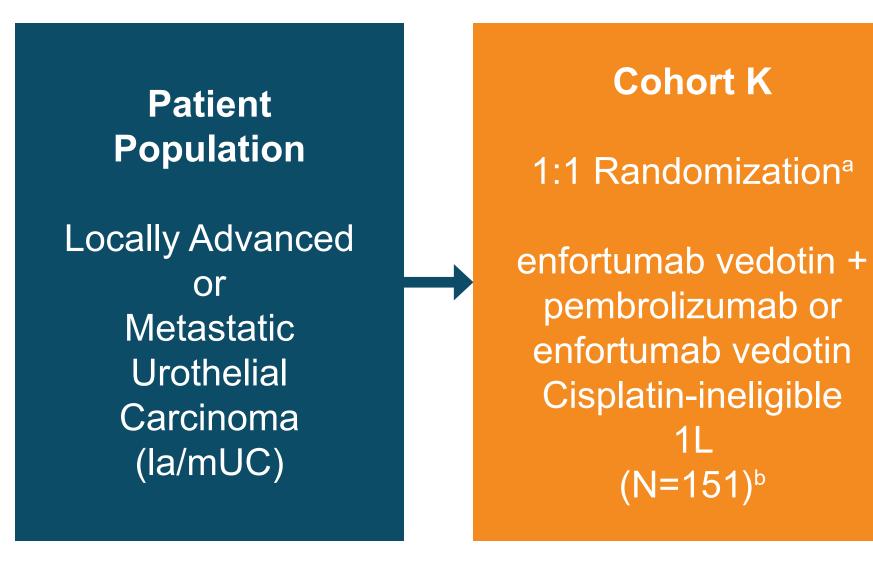
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#### Background

- Efficacious and tolerable first-line therapeutic options remain a high unmet need for patients with la/mUC who are cisplatin-ineligible
- Enfortumab vedotin (EV) and pembrolizumab (P) monotherapy have each shown survival benefits in previously treated patients with la/mUC¹-⁴
- EV in combination with P was previously evaluated in EV-103 (NCT03288545) Dose Escalation/Cohort A
  - Results showed a tolerable and manageable safety profile with encouraging efficacy results<sup>5</sup>

#### **EV-103 Cohort K Design**



- Dosing: EV 1.25 mg/kg on Days 1 and 8, and P 200 mg on Day 1 of every 3-week cycle
- Primary endpoint: confirmed ORR per RECIST v1.1 by BICR<sup>c</sup>
- Key secondary endpoints: confirmed ORR per RECIST v1.1 by investigator, DOR, DCR, PFS by BICR and investigator, OS, safety/ tolerability, and lab abnormalities

Cohort K completed enrollment on 11 Oct 2021; Data cutoff was 10 Jun 2022

- a Randomization was stratified by ECOG PS (0 vs 1 or 2) and liver metastases (present or absent)
- b Sample size was based on precision of the estimate for ORR characterized by 95% CIs; of 151 patients, 149 were treated and included in the analyses
- c There were no formal statistical comparisons between the two treatment arms

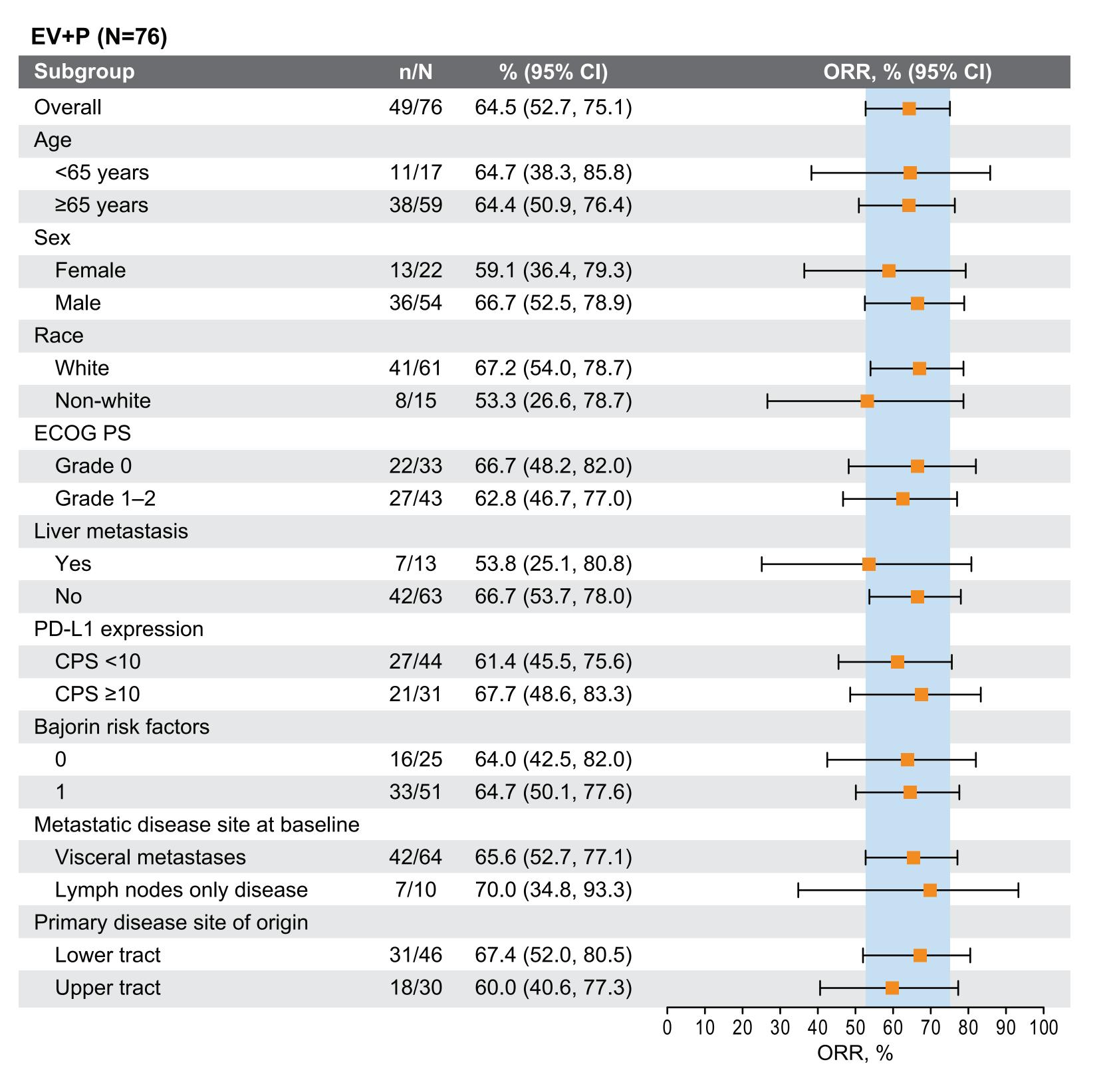
#### **EV-103 Cohort K Summary**

- In EV-103 Cohort K, EV+P showed encouraging antitumor activity in first-line cisplatin-ineligible patients with la/mUC<sup>6</sup>
- High ORR by BICR (64.5%) and rapid responses; median DOR not reached
- Promising PFS and OS expected to continue to evolve
- Manageable safety profile; no new safety concerns emerged
- EV-103 Cohort K EV+P results were consistent with those previously reported in EV-103 Dose Escalation/Cohort A<sup>5</sup>
- EV monotherapy results were generally consistent with prior EV monotherapy results in second-line or beyond for la/mUC
- Here we report results of an analysis of prespecified EV-103 Cohort K subgroups that are representative of the first-line cisplatin-ineligible la/mUC population; we also report additional safety information

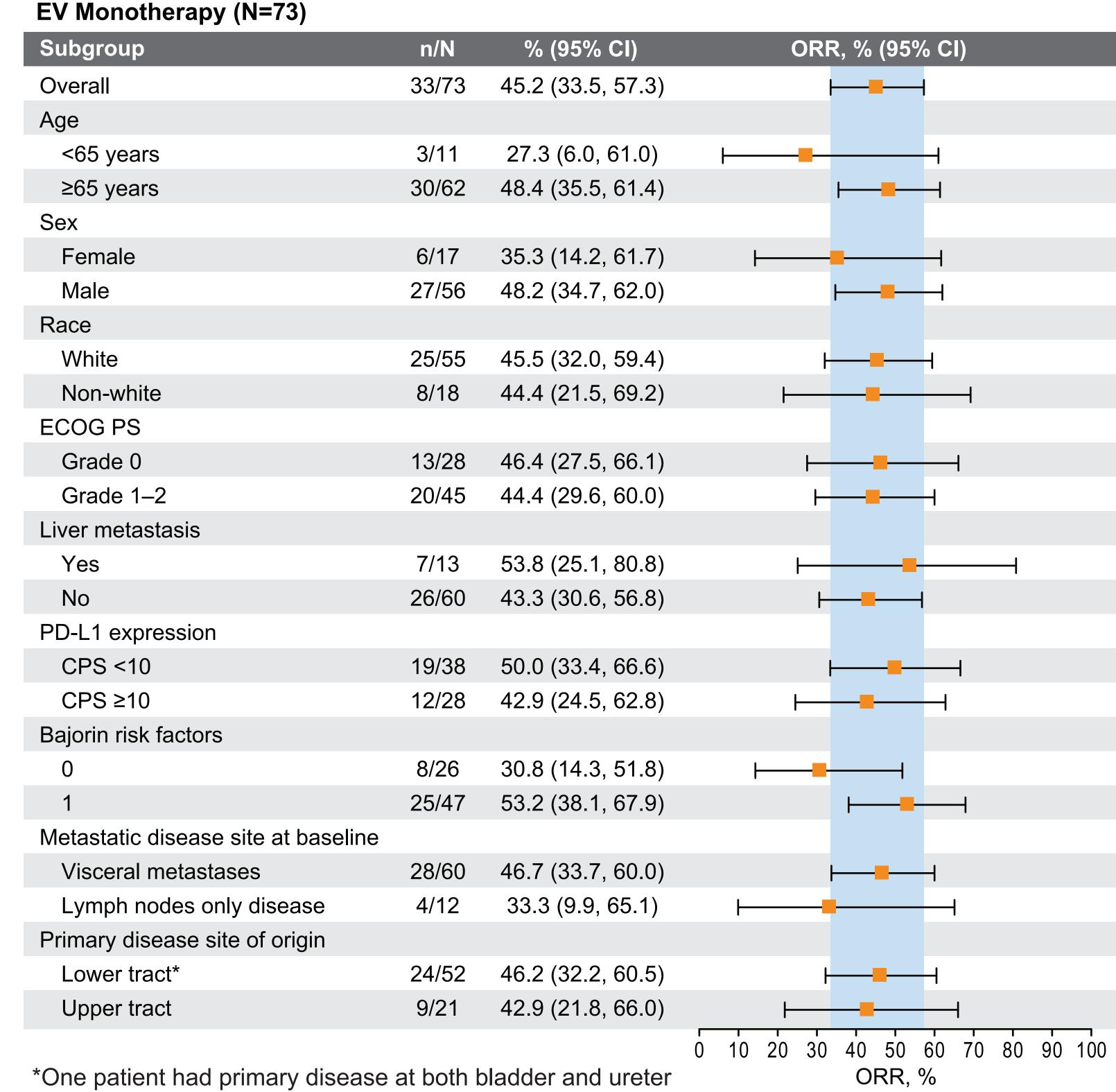
#### **EV-103 Cohort K Subgroup Analysis**

- Confirmed ORR subgroup analysis was performed in prespecified subgroups indicative of prognosis in the la/mUC patient population
- Age (≥65 years, <65 years)</li>
- Sex (Male, Female)
- Race (White, Non-white)
- ECOG PS (Grade 0, Grade 1–2)
- Liver metastasis (Yes, No)
- PD-L1 expression level (CPS <10, CPS ≥10)</li>
- Bajorin risk factors<sup>a</sup> (0, 1)
- Metastatic disease site at baseline (Visceral metastases, Lymph nodes only disease)
- Primary disease site of origin (Lower tract, Upper tract)
- a Bajorin risk factors include visceral metastases (bone, lung, liver) and ECOG PS >2; patients with ECOG PS >2 were not eligible for this study

# EV + Pembrolizumab: Subgroup Analyses of cORR



### EV Monotherapy: Subgroup Analyses of cORR



Median duration of treatment for EV+P arm was 11 cycles, EV monotherapy arm was 8 cycles

## Overview of TRAEs

	EV + P (N=76) n (%)	EV Monotherapy (N=73) n (%)
Grade ≥3 TRAEs	48 (63.2)	35 (47.9)
Serious TRAEs	18 (23.7)	11 (15.1)
TRAEs leading to death	3 (3.9) <sup>a</sup>	2 (2.7)b

- a Three patients died due to a TRAE in the EV+P arm; one each from respiratory failure, pneumonitis, and sepsis
- b Two patients died due to a TRAE in the EV monotherapy arm; one each from multiple organ dysfunction syndrome and respiratory failure
- EV TRAEs of special interest in the EV+P arm included peripheral neuropathy (46 of 76 patients, 60.5%), skin reactions (51 of 76 patients, 67.1%), and hyperglycemia (11 of 76 patients, 14.5%)
- Pembrolizumab Treatment-Emergent AEs of Special Interest in the EV+P arm included severe skin reactions (21 of 76 patients, 27.6%), hypothyroidism (10 of 76 patients, 13.2%), and pneumonitis (7 of 76 patients, 9.2%)
- Comprehensive safety data were previously presented<sup>6</sup>

# TRAEs<sup>a</sup> Leading to Dose Interruption of Either

Enfortumab Vedotin and/or Pembrolizumab

Event	EV+P (N=76) n (%)	EV Monotherapy (N=73)
Overall		`n (%)´
	52 (68.4)	26 (35.6)
Peripheral sensory neuropathy	14 (18.4)	7 (9.6)
Rash maculo-popular	11 (14.5)	2 (2.7)
Fatigue	5 (6.6)	1 (1.4)
Neutropenia	5 (6.6)	1 (1.4)
Pneumonitis	5 (6.6)	1 (1.4)
Diarrhea	4 (5.3)	1 (1.4)

- a Treatment-relatedness was determined by the investigator, including causality to EV and/or pembrolizumab as applicable
- For EV in combination with pembrolizumab:
- 68.4% of patients had TRAEs leading to interruption of either EV or P
- 48.7% of patients had TRAEs leading to EV dose reduction
- 47.4% of patients had TRAEs<sup>a</sup> leading to discontinuation of either EV or P
- 25.0% of patients had TRAEs leading to discontinuation of EV only
   22.4% of patients had TRAEs leading to discontinuation of P only
- » 5.3% of patients had TRAEs leading to discontinuation of both EV and PRAEs leading to discontinuation of EV, pembro, or both, are not mutually exclusive. A patient can

# a TRAEs leading to discontinuation of EV, pembro, or both, are not mutually exclusive. A patient can be counted in multiple categories.

#### **Summary and Conclusions**

- EV+P showed promising cORR in 1L cisplatin-ineligible patients with la/mUC
- While underpowered to draw definitive conclusions, pre-specified subgroup analyses show activity of EV+P across a broad range of patients, including PD-L1 subgroups and subgroups with poor prognosis
- EV+P TRAEs were manageable with close monitoring and appropriate dose modifications
- Although dose interruptions and modifications were common, patients received a median of 11 treatment cycles
- EV monotherapy results were generally consistent with prior results in previously treated la/mUC
- EV+P has the potential to address high unmet needs in the 1L la/mUC cisplatin-ineligible patient population
- EV+P is being further evaluated in la/mUC in patients that are both eligible and ineligible for cisplatin and in MIBC in 3 ongoing Phase 3 trials (NCT04223856, NCT04700124, NCT03924895)

#### **Abbreviations**

1L, first-line; BICR, blinded independent central review; CI, confidence interval; cORR, confirmed objective response rate; CPS, combined positive score; DCR, disease control rate; DOR, duration of response; ECOG PS, Eastern Cooperative Oncology Group Performance Score; EV, enfortumab vedotin; la/mUC, locally advanced or metastatic urothelial carcinoma; mg/kg, milligrams/kilogram; ORR, objective response rate; OS, overall survival; P, pembrolizumab; PD-L1, programmed death-ligand 1; PFS, progression-free survival; RECIST v1.1; Response Evaluation Criteria in Solid Tumors version 1.1; TRAE, treatment-related adverse event

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