

Breaking Barriers in mUC 1 L Treatment: The Synergistic Potential of Nivolumab with Gemcitabine-Cisplatin

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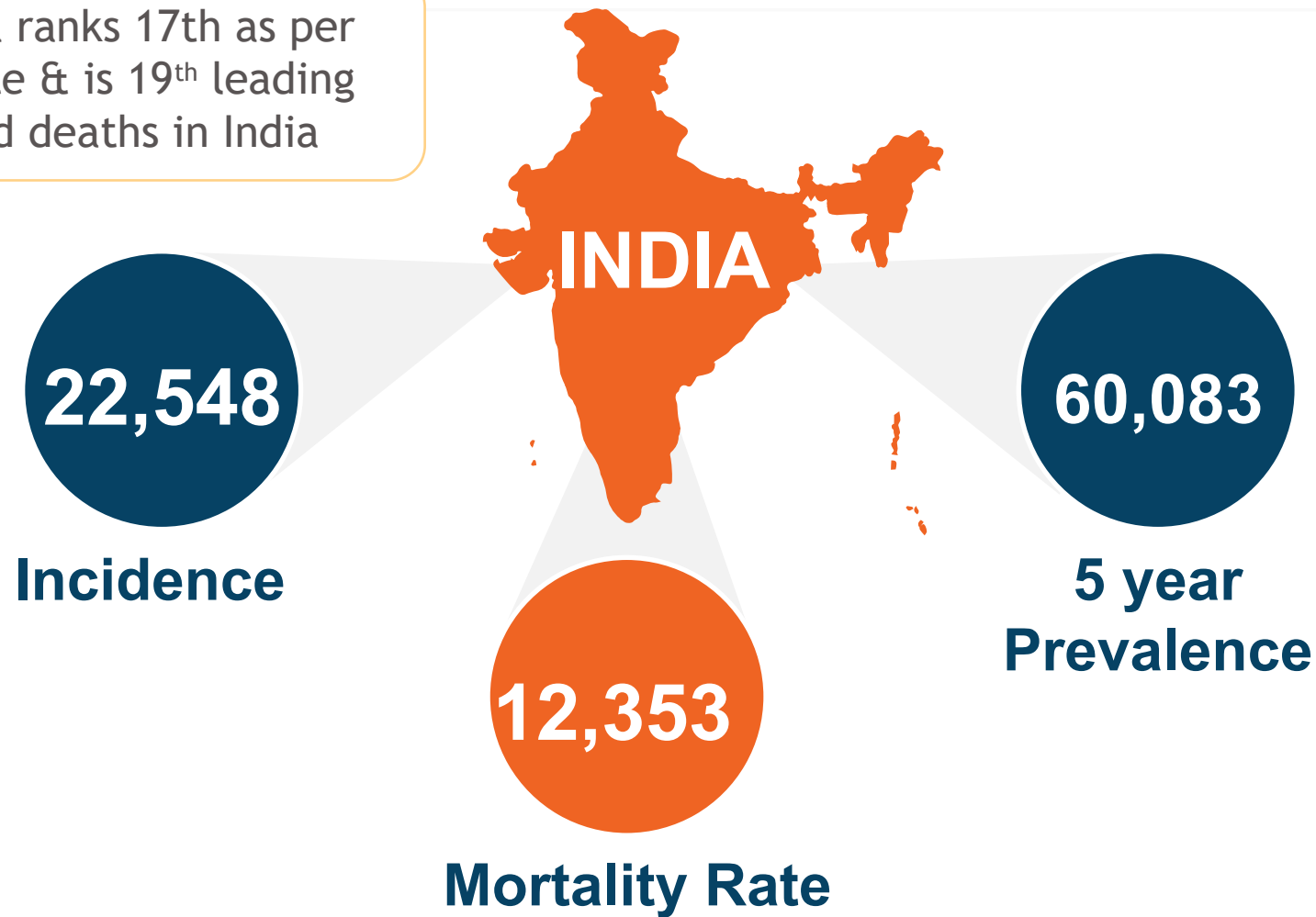
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Nivolumab plus gemcitabine-cisplatin for previously untreated unresectable or metastatic urothelial carcinoma(CM 901)

Bladder cancer Indian Epidemiology: 2022

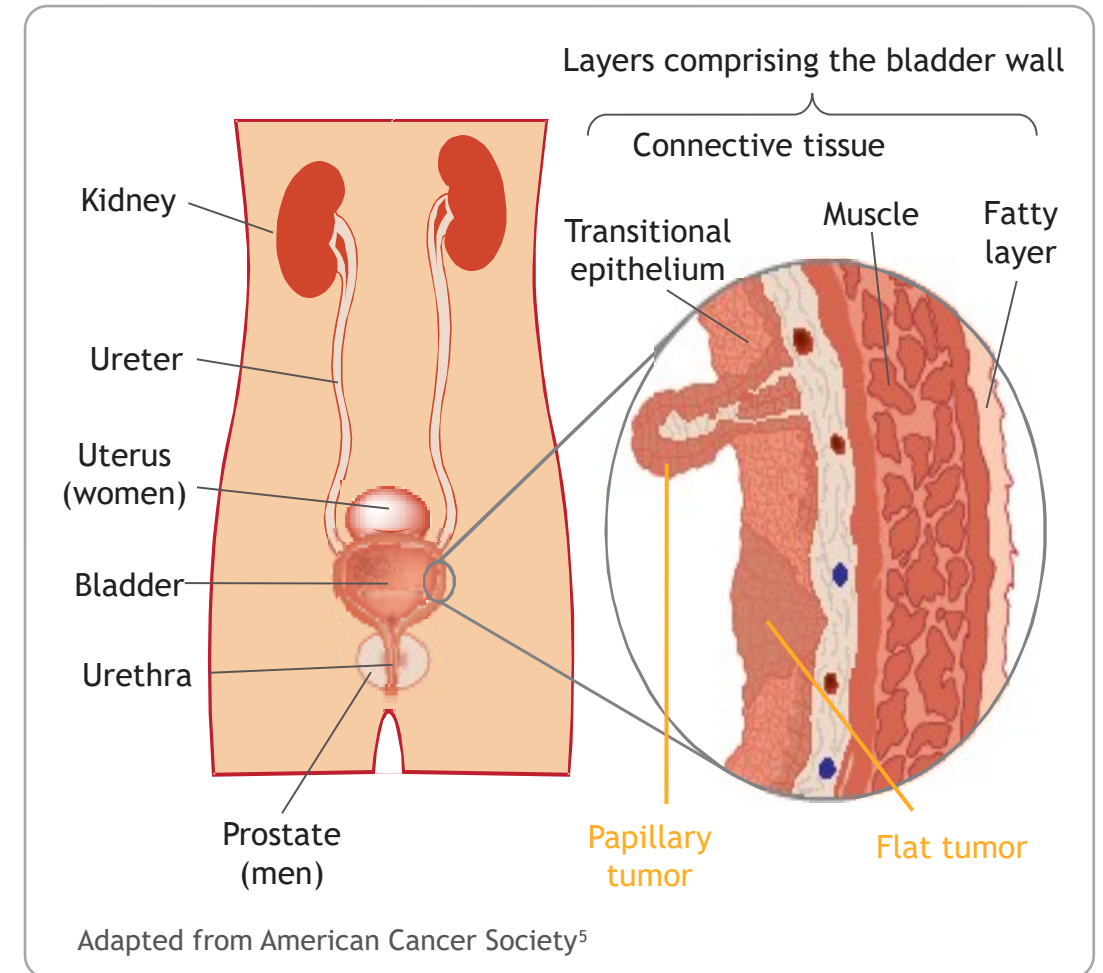
Bladder cancer in India ranks 17th as per Incidence by cancer site & is 19th leading cause of cancer-related deaths in India



Description of bladder cancer

- A majority of all bladder cancers are UC (also known as transitional cell carcinoma [TCC])¹
 - UC develops in the urothelial cells that line the bladder
 - Bladder cancers are often categorized by the extent to which they have invaded the bladder wall, and by subtype (papillary or flat)
- The less common types of bladder cancer include squamous cell carcinomas, adenocarcinoma, small cell carcinoma, and sarcomas¹
- Bladder cancer is classified as a highly immunogenic tumor type²
 - Incidence of spontaneous tumor regression in the absence of therapy³
 - Evidence of tumor T-cell infiltration⁴
 - Responsiveness to intravesical immunotherapy with BCG, and newer immunotherapies²

1. American Cancer Society. Bladder cancer. <https://www.cancer.org/content/dam/CRC/PDF/Public/8557.00.pdf>. Accessed August 28, 2017. 2. Kim J. *Investig Clin Urol* 2016;57(suppl 1):S98-S105. 3. Kucerova P, Cervinkova M. *Anticancer Drugs* 2016;27:269-277. 4. Teng MW et al. *Cancer Res* 2015;75:2139-2145. 5. Bladder anatomy image. Copyright 2017. Reprinted by the permission of the American Cancer Society, Inc. All rights reserved, www.cancer.org.



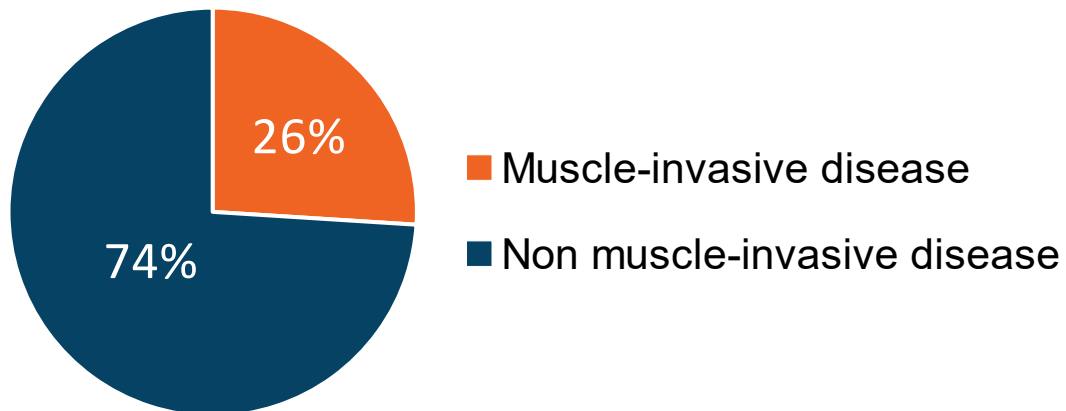
Bladder Cancer: SGPGI Lucknow (Retrospective study)



SGPGI Lucknow, urology department: **2001 to 2008 - 561 PATIENTS**

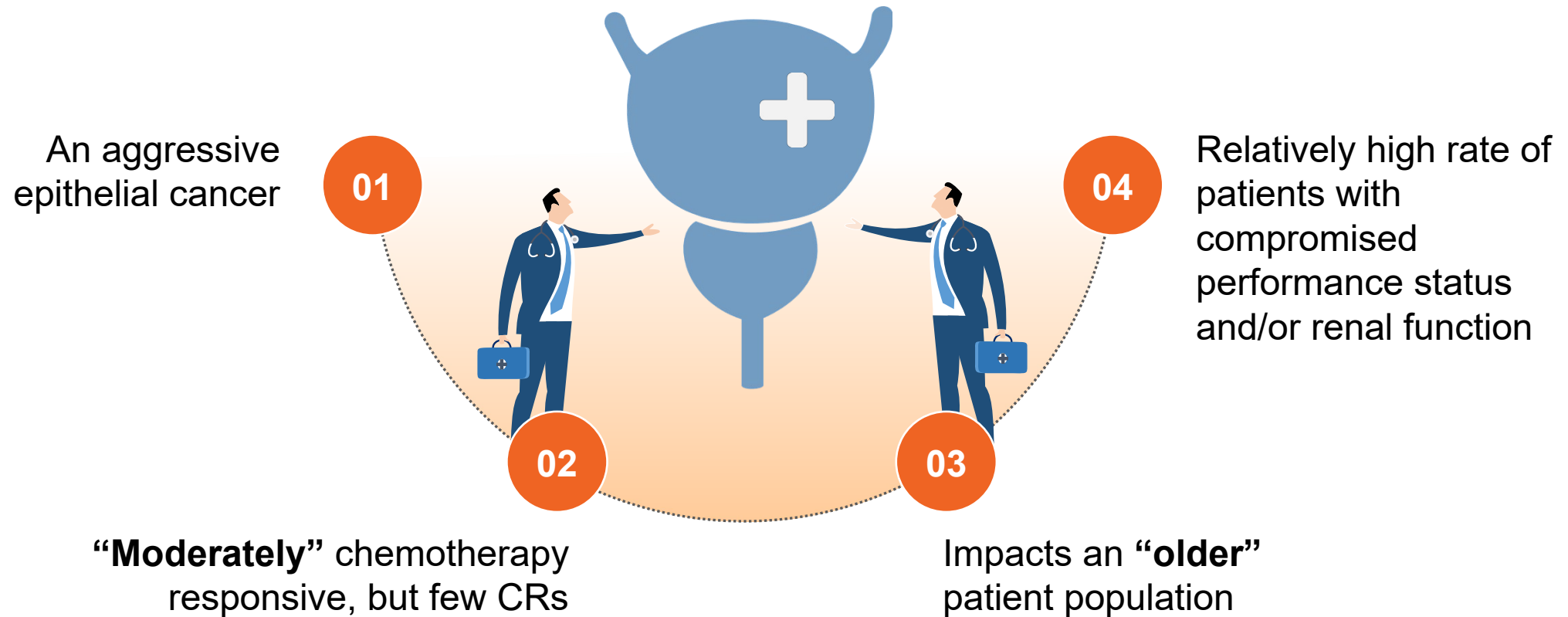
97% of the patients presented with painless hematuria.

Stage of bladder cancer patients at the time of presentation



- Transitional cell carcinoma was the most common variant seen in **97.71%** of the patients
- Median age at presentation was **60 years** old
- The male to female ratio was **8.6:1** (Different from west)
- A total of **74%** of the males and **22%** of the females with bladder cancer smoked or had an intake of tobacco

Bladder Cancer Management: Issues/Challenges

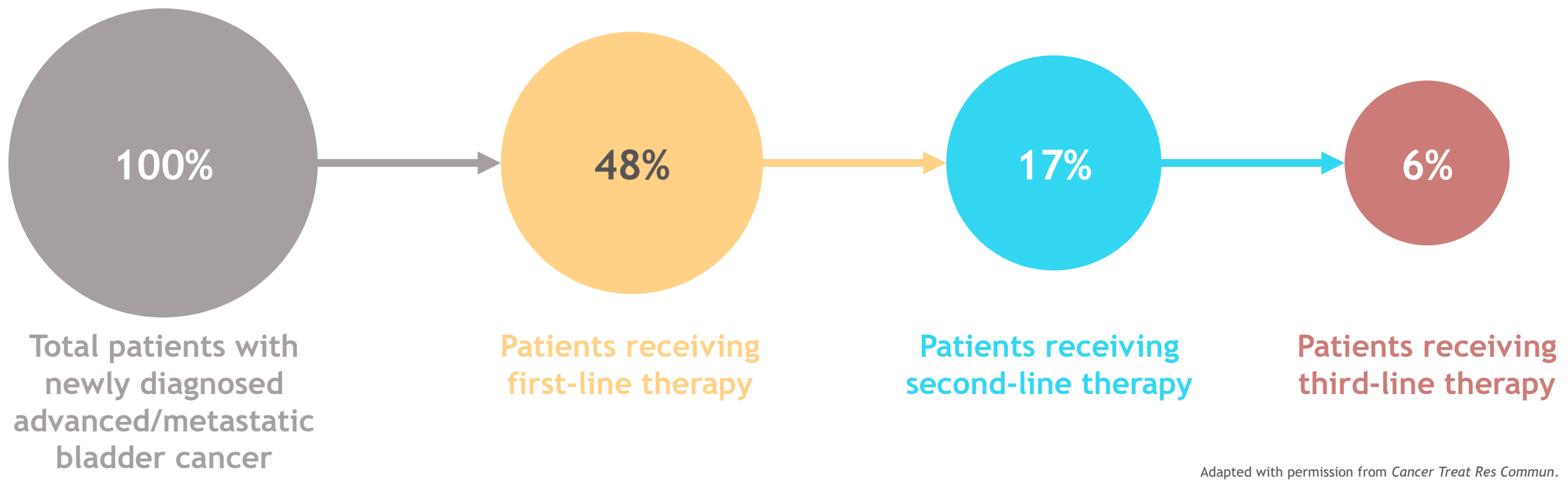


NCCN Guidelines Version 4.2024 Bladder Cancer

NCCN Panel designated the CM 901 regimen a category 1 recommendation as first-line therapy

| Cisplatin eligible | First-Line Systemic Therapy for Locally Advanced or Metastatic Disease (Stage IV |
|--------------------|---|
| | Nivolumab, gemcitabine, and cisplatin (category 1) followed by nivolumab maintenance therapy ¹⁴ (category 1) |

Aggressiveness of urothelial cancer is reflected in daily practice data



Summary description of patients with advanced or metastatic bladder cancer receiving first-, second-, or third-line of therapy in real-world cohorts

Unmet Need:

- While early diagnosis and multimodality therapy have resulted in better patient outcomes, for metastatic bladder cancer, 5-year overall survival rate is dismal to the tune of 8.3%.¹
- The standard first-line treatment for unresectable or mUC for cisplatin eligible patients population is gemcitabine and cisplatin (GC). Response rates > 40% and OS medians of ~15 months have been reported, but durable responses are rare.²
- Avelumab maintenance therapy, while beneficial, is only applicable after achieving a response or stable disease with first-line chemotherapy, leaving a gap in initial treatment efficacy. ³Avelumab 1L maintenance does not offer a solution for patients who have a more aggressive disease (progressing before completing a full course of 1L platinum-based chemotherapy)
- A real-world study conducted in Germany revealed that 31% of patients with metastatic urothelial cancer experienced disease progression as a clinical outcome following their first-line treatment with Gemcitabine and Cisplatin⁴
- No novel agent has improved OS when added concurrently to platinum-based chemotherapy in the first-line treatment of unresectable or mUC.^{5,6}
- There is need for new concurrent chemo-immunotherapy therapeutic options which can improve metastatic UC outcomes (e.g. Increase survival, response, and response durability with manageable toxicities) of all cisplatin eligible patients in this setting.²

Major unmet needs with mUC patient: Need for t/t options which may confer

- 1 Survival benefit
- 2 Help achieving higher response & complete response
- 3 Durability of response
- 4 Maintained QOL

1. National Institute of Health, National Cancer Institute, Surveillance, Epidemiology, and End Results Program. Cancer stat facts: bladder cancer. 2023. Accessed October 10, 2023. <https://seer.cancer.gov/statfacts/html/urinb.html> 2. MODULE 2.5: CLINICAL OVERVIEW, CA209901: Nivolumab(BMS-936558) in Combination with Chemotherapy for Unresectable or Metastatic Urothelial Carcinoma. Bristol-Myers Squibb Company; Document Date: 26-Sep-2023 3. Powles, T., et al. (2020). Avelumab maintenance therapy for advanced or metastatic urothelial carcinoma. *New England Journal of Medicine*, 383(13), 1218-1230. 4. Niegisch G et al. A Real-World Data Study to Evaluate Treatment Patterns, Clinical Characteristics and Survival Outcomes for First- and Second-Line Treatment in Locally Advanced and Metastatic Urothelial Cancer Patients in Germany. *J Cancer*. 2018 Mar 29;9(8):1337-1348 . 5. Galsky MD, et al. *Lancet* 2020;395:1547-1557. 6. Powles T, et al. *Lancet Oncol* 2021;22:931-945. mUC, metastatic urothelial carcinoma; NIVO, nivolumab; OS, overall survival; SOC, standard of care.

Checkmate 901

Nivolumab plus gemcitabine-cisplatin versus gemcitabine-cisplatin alone for previously untreated unresectable or metastatic urothelial carcinoma: results from the phase 3 CheckMate 901 trial

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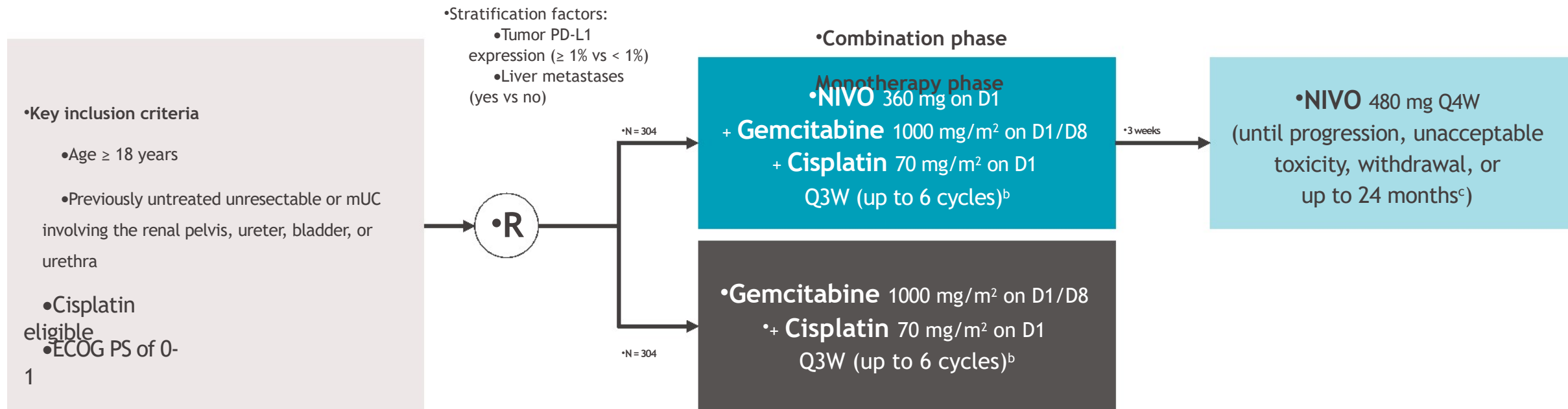
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Checkmate 901 Study design

Phase 3, multi-center, randomized study to evaluate NIVO + gemcitabine-cisplatin vs gemcitabine-cisplatin alone in previously untreated unresectable or metastatic urothelial carcinoma

•NIVO + gemcitabine-cisplatin vs gemcitabine-cisplatin in cisplatin-eligible patients^a



•Median (range) study follow-up, 33.6 (7.4-62.4) months

Primary endpoints: OS, PFS per BICR

•Key secondary endpoints: OS and PFS by PD-L1 ≥ 1%,^d HRQoL

•Key exploratory endpoints: ORR per BICR, safety

^aFurther CheckMate 901 trial design details are available at <https://clinicaltrials.gov/ct2/show/NCT03036098>. ^bPatients who discontinued cisplatin could be switched to gemcitabine-carboplatin for the remainder of the platinum doublet cycles (up to 6 in total). ^cA maximum of 24 months from first dose of NIVO administered as part of the NIVO + gemcitabine-cisplatin combination. ^dPD-L1 status was defined by the percentage of positive tumor cell membrane staining in a minimum of 100 tumor cells that could be evaluated with the use of the PD-L1 IHC 28-8 pharmDx immunohistochemical assay (Dako, Santa Clara, CA, USA).

•BICR, blinded independent central review; D, day; ECOG PS, Eastern Cooperative Oncology Group performance status; HRQoL, health-related quality of life; ORR, objective response rate;

•PD-L1, programmed death ligand 1; PFS, progression-free survival; QxW, every x weeks; R, randomization.

Select baseline characteristics^a

baseline characteristics were balanced for both arms

| | NIVO+GC (N = 304) | GC (N = 304) |
|--|----------------------|--------------------|
| Median age (range), years | 65 (32-86) | 65 (35-85) |
| Male/female, n (%) | 236 (78) / 68 (22) | 234 (77) / 70 (23) |
| Geographic region, n (%) | | |
| United States | 19 (6) | 21 (7) |
| Europe | 134 (44) | 142 (47) |
| Asia | 72 (24) | 61 (20) |
| Rest of the world | 79 (26) | 80 (26) |
| Race/ethnicity, n (%) | | |
| White | 211 (69) | 225 (74) |
| Asian | 75 (25) | 63 (21) |
| Black or African American | 0 | 2 (1) |
| Other | 18 (6) | 14 (5) |
| ECOG PS, n (%) | | |
| 0 | 162 (53) | 162 (53) |
| 1 | 140 (46) | 142 (47) |
| > 1 | 2 (1) | 0 |
| Tumor type at initial diagnosis, n (%) | | |
| Urinary bladder | 235 (77) | 219 (72) |
| Renal pelvis | 33 (11) | 44 (14) |
| Other | 36 (12) | 41 (13) |
| Tumor PD-L1 expression, n (%) ^b | | |
| ≥ 1% | 111 (37) | 110 (36) |
| < 1% or indeterminate ^c | 193 (63) | 194 (64) |
| Liver metastases, n (%) ^b | 64 (21) | 64 (21) |

^aIn all randomized patients. ^bPer interactive response technology. ^cThere were no patients with indeterminate PD-L1 status.
GC, gemcitabine-cisplatin.

Exposure and patient disposition

Median duration of study therapy (range) was 7.4 (0.0-47.9) months in the NIVO+GC arm and 3.7 (0.0-14.3) months in the GC arm^a

| Patient disposition | NIVO+GC combination (n = 304) ^{b,c} | GC (n = 288) ^b |
|--|---|------------------------------|
| Completed 6 cycles per protocol, n (%) | 225 (74) | 157 (55) |
| Discontinued treatment, n (%) | | |
| Any reason | 79 (26) | 131 (45) |
| Disease progression | 20 (7) | 50 (17) |
| Study drug toxicity | 23 (8) | 22 (8) |

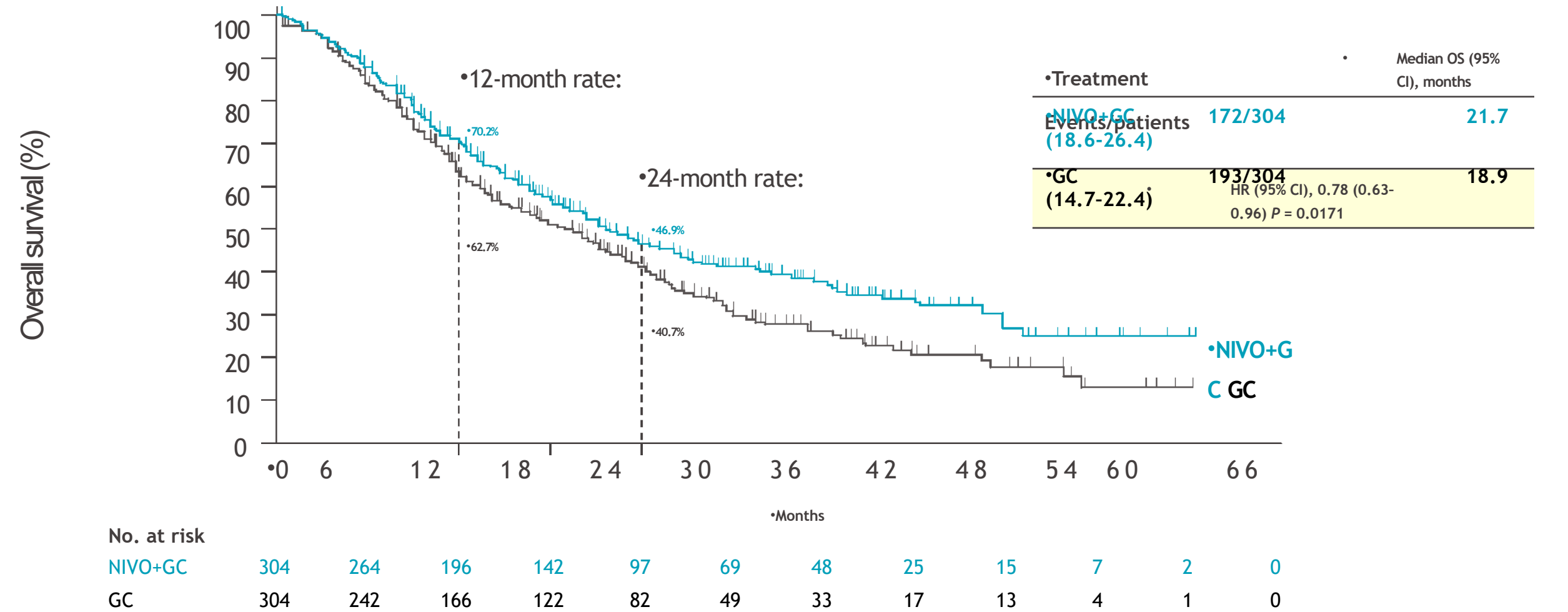
•In total, 244 patients randomized to the NIVO+GC arm went on to receive NIVO monotherapy – 20 patients (8%) completed monotherapy and 23 (9%) were still on therapy at database lock

^aRepresents duration of NIVO+GC combination ± NIVO monotherapy for the NIVO+GC arm and duration of GC combination for the GC arm; the protocol-defined maximum treatment duration was 24 months for the NIVO+GC arm and ~4.5 months (6 × 3-week cycles) for the GC arm.

^bAll treated patients. ^cRelates only to disposition during the NIVO+GC combination phase.

OS (primary endpoint)

NIVO+GC demonstrated statistically significant and clinically meaningful improvements in OS versus GC alone as first-line treatment for unresectable or mUC



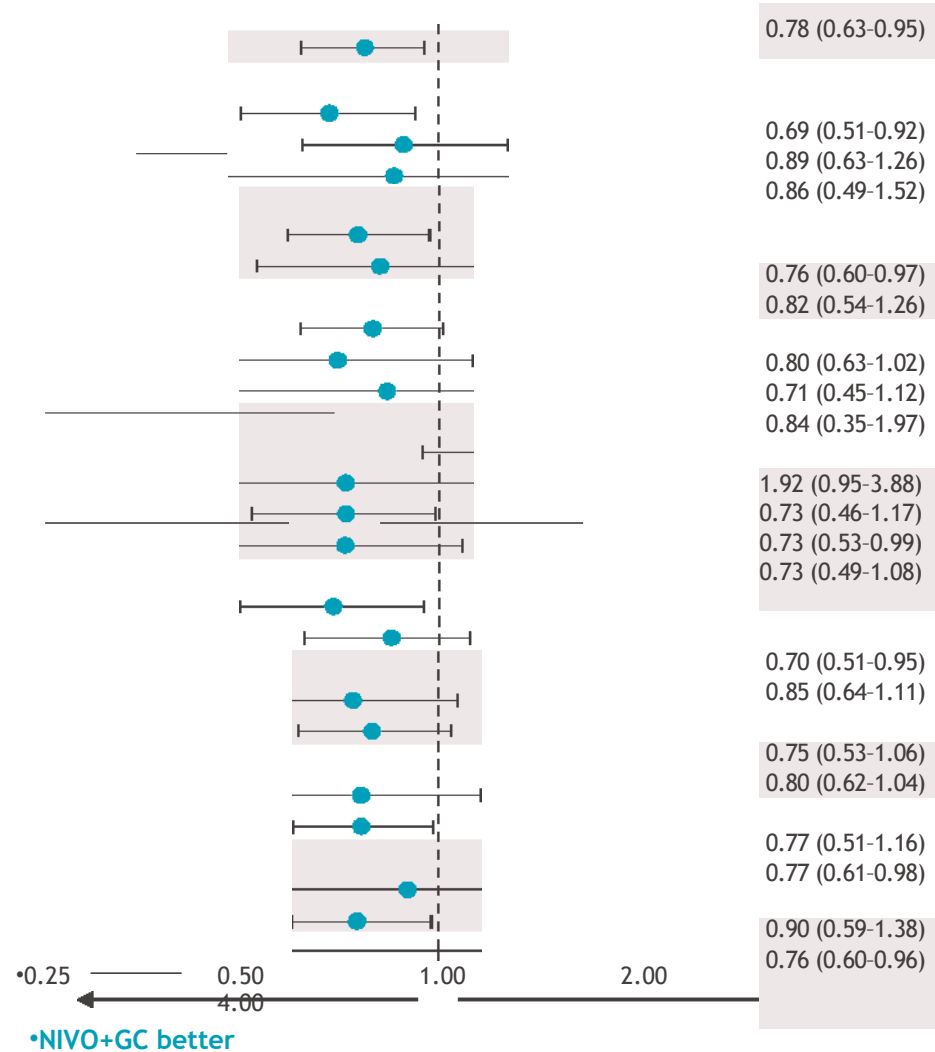
•Median (range) study follow-up was 33.6 (7.4-62.4) months. OS was estimated in all randomized patients and defined as time from randomization to death from any cause. For patients without documented death, OS was censored on the last date the patient was known to be alive. For randomized patients with no follow-up, OS was censored at randomization.

OS in subgroups

OS benefit was observed across the majority of key sub-groups

Unstratified HR for death (95% CI)

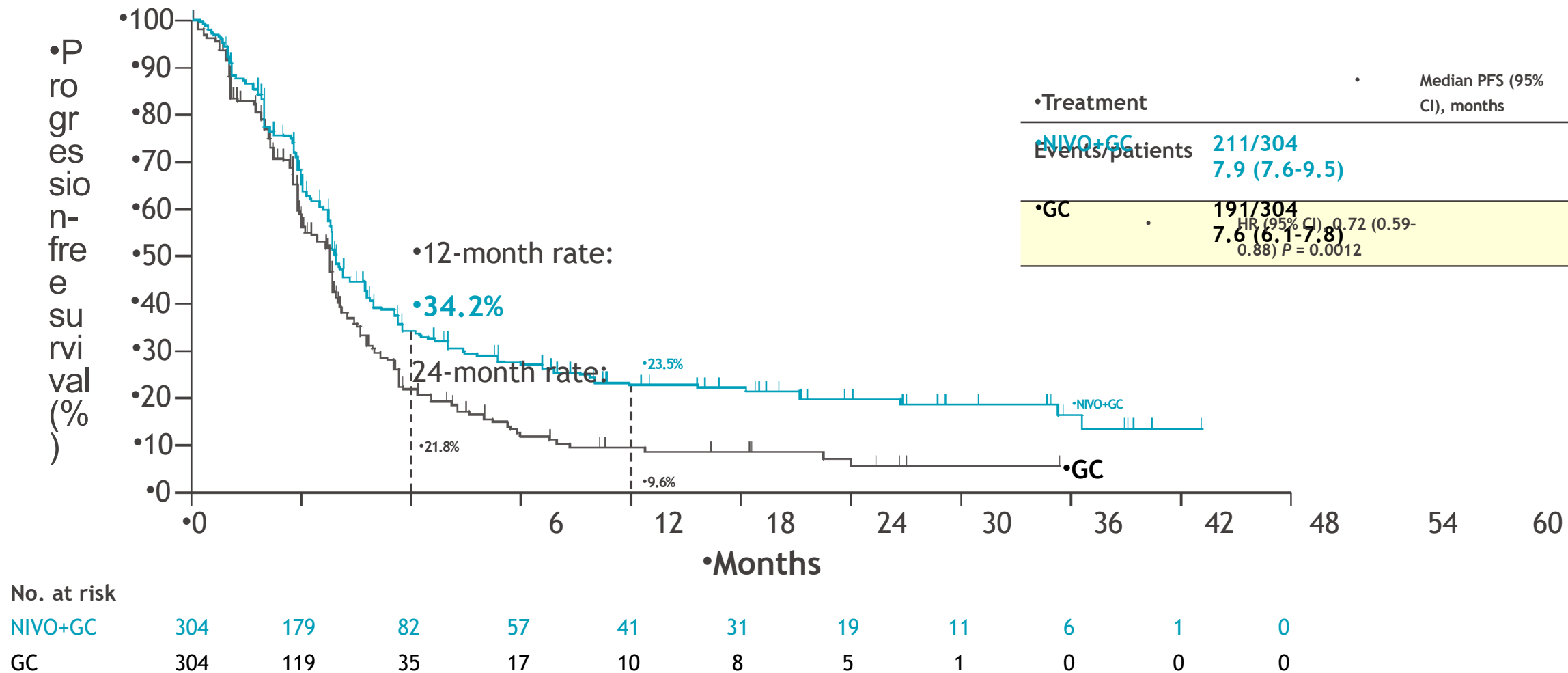
| Subgroup | No. of patients | NIVO+GC events/no. of patients | GC No. of events/no. of patients |
|---|-----------------|-----------------------------------|-------------------------------------|
| Overall (N = 608) | | 172/304 | 193/304 |
| Age, years | | | |
| < 65 | 298 | 85/150 | 100/148 |
| ≥ 65 and < 75 | 236 | 65/120 | 66/116 |
| ≥ 75 | 74 | 22/34 | 27/40 |
| Sex | | | |
| Male | 470 | 133/236 | 147/234 |
| Female | 138 | 39/68 | 46/70 |
| Race | | | |
| White | 436 | 123/211 | 145/225 |
| Asian | 138 | 38/75 | 36/63 |
| Other | 32 | 11/18 | 10/14 |
| Region | | | |
| US | 40 | 18/19 | 15/21 |
| Asia | 133 | 36/72 | 34/61 |
| Europe | 276 | 72/134 | 90/142 |
| Rest of the world | 159 | 46/79 | 54/80 |
| ECOG PS | | | |
| 0 | 324 | 74/162 | 87/162 |
| 1 | 282 | 96/140 | 106/142 |
| PD-L1 expression | | | |
| ≥ 1% | 221 | 64/111 | 67/110 |
| < 1% or indeterminate | 387 | 108/193 | 126/194 |
| Liver metastases | | | |
| Yes | 128 | 45/64 | 48/64 |
| No | 480 | 127/240 | 145/240 |
| Previous systemic anticancer therapy | | | |
| Yes | 156 | 44/88 | 41/68 |
| No | 452 | 128/216 | 152/236 |



*All randomized patients. HRs were not computed for subgroup categories (except for age, sex, race, and region) with < 10 patients per treatment group. Categories without a meaningful estimate of the HR are not shown. PD-L1 expression and liver metastases are per interactive response technology. There were no patients with indeterminate PD-L1 status. Previous systemic anticancer therapy refers to neoadjuvant/adjunct treatments for patients undergoing radical resection or as part of a bladder-sparing approach in muscle-invasive bladder cancer.

PFS per BICR (primary endpoint)

NIVO+GC demonstrated statistically significant improvements in PFS versus GC alone as first-line treatment for unresectable/mUC



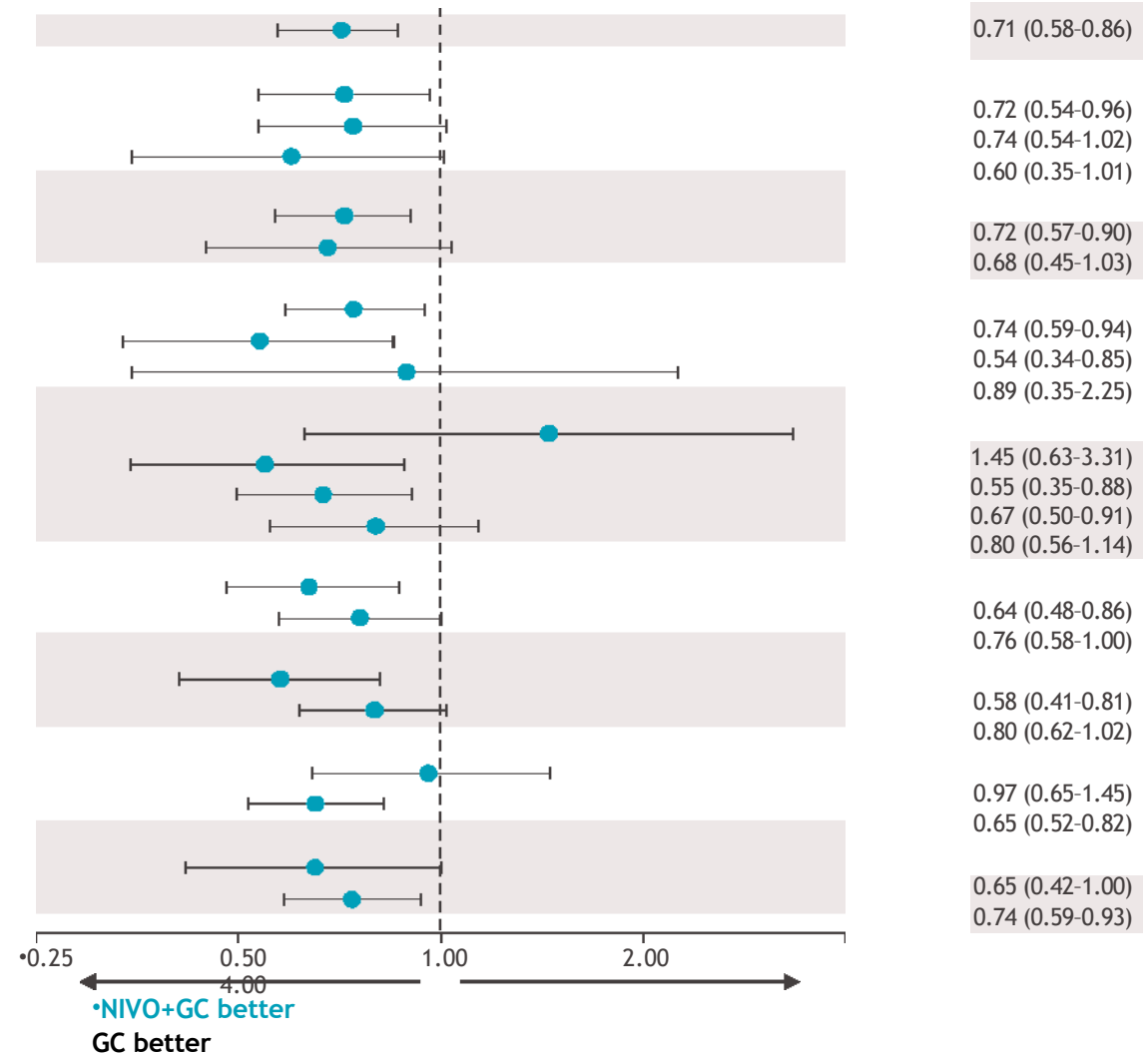
•Median (range) study follow-up was 33.6 (7.4-62.4) months. PFS was estimated in all randomized patients and defined as time from randomization to first documented disease progression (per BICR assessments using RECIST v1.1) or death due to any cause, whichever occurred first. Patients who did not progress or die were censored at last evaluable tumor assessment. Patients without on-study tumor assessments who did not die were censored at randomization. Patients who started any subsequent anticancer therapy without prior reported progression were censored at last evaluable tumor assessment before initiation of subsequent therapy.

PFS per BICR in subgroups

PFS benefit was observed across the majority of key sub-groups

Unstratified HR for progression or death (95% CI)

| Subgroup | No. of patients | NIVO+GC events/no. of patients | GC No. of events/no. of patients |
|---|-----------------|-----------------------------------|-------------------------------------|
| Overall (N = 608) | | 211/304 | 191/304 |
| Age, years | | | |
| < 65 | 298 | 102/150 | 90/148 |
| ≥ 65 and < 75 | 236 | 81/120 | 71/116 |
| ≥ 75 | 74 | 28/34 | 30/40 |
| Sex | | | |
| Male | 470 | 163/236 | 145/234 |
| Female | 138 | 48/68 | 46/70 |
| Race | | | |
| White | 436 | 153/211 | 148/225 |
| Asian | 138 | 45/75 | 35/63 |
| Other | 32 | 13/18 | 7/14 |
| Region | | | |
| US | 40 | 14/19 | 10/21 |
| Asia | 133 | 43/72 | 33/61 |
| Europe | 276 | 94/134 | 84/142 |
| Rest of the world | 159 | 60/79 | 64/80 |
| ECOG PS | | | |
| 0 | 324 | 97/162 | 90/162 |
| 1 | 282 | 112/140 | 101/142 |
| PD-L1 expression | | | |
| ≥ 1% | 221 | 71/112 | 70/109 |
| < 1% or indeterminate | 387 | 140/192 | 121/195 |
| Liver metastases | | | |
| Yes | 124 | 55/62 | 44/62 |
| No | 484 | 156/242 | 147/242 |
| Previous systemic anticancer therapy | | | |
| Yes | 156 | 55/88 | 38/68 |
| No | 452 | 156/216 | 153/236 |

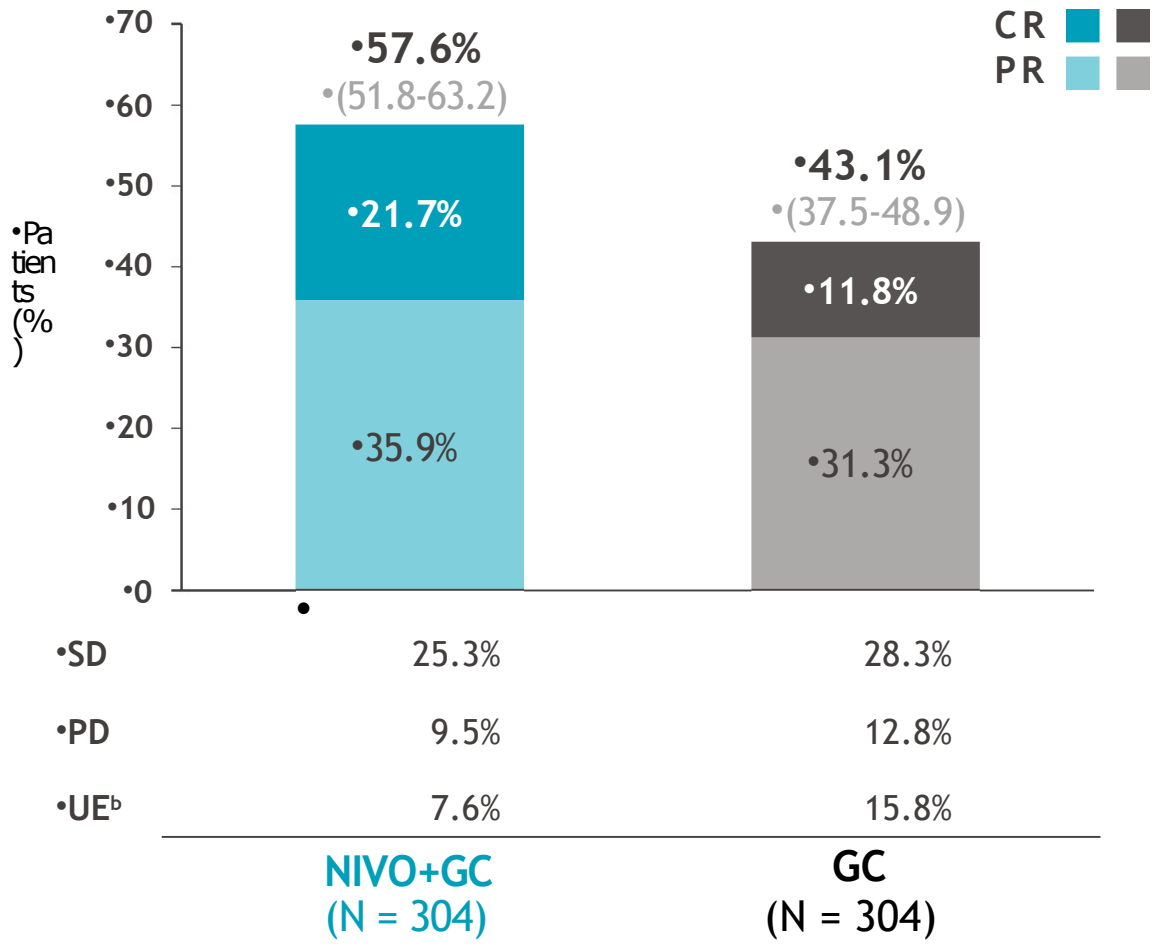


*All randomized patients. HRs were not computed for subgroup categories (except for age, sex, race, and region) with < 10 patients per treatment group. Categories without a meaningful estimate of the HR are not shown. PD-L1 expression and liver metastases are according to the clinical report. There were no patients with indeterminate PD-L1 status. Previous systemic anticancer therapy refers to neoadjuvant/adjuvant treatments for patients undergoing radical resection or as part of a bladder-sparing approach in muscle-invasive bladder cancer.

Objective response outcomes (exploratory endpoints)

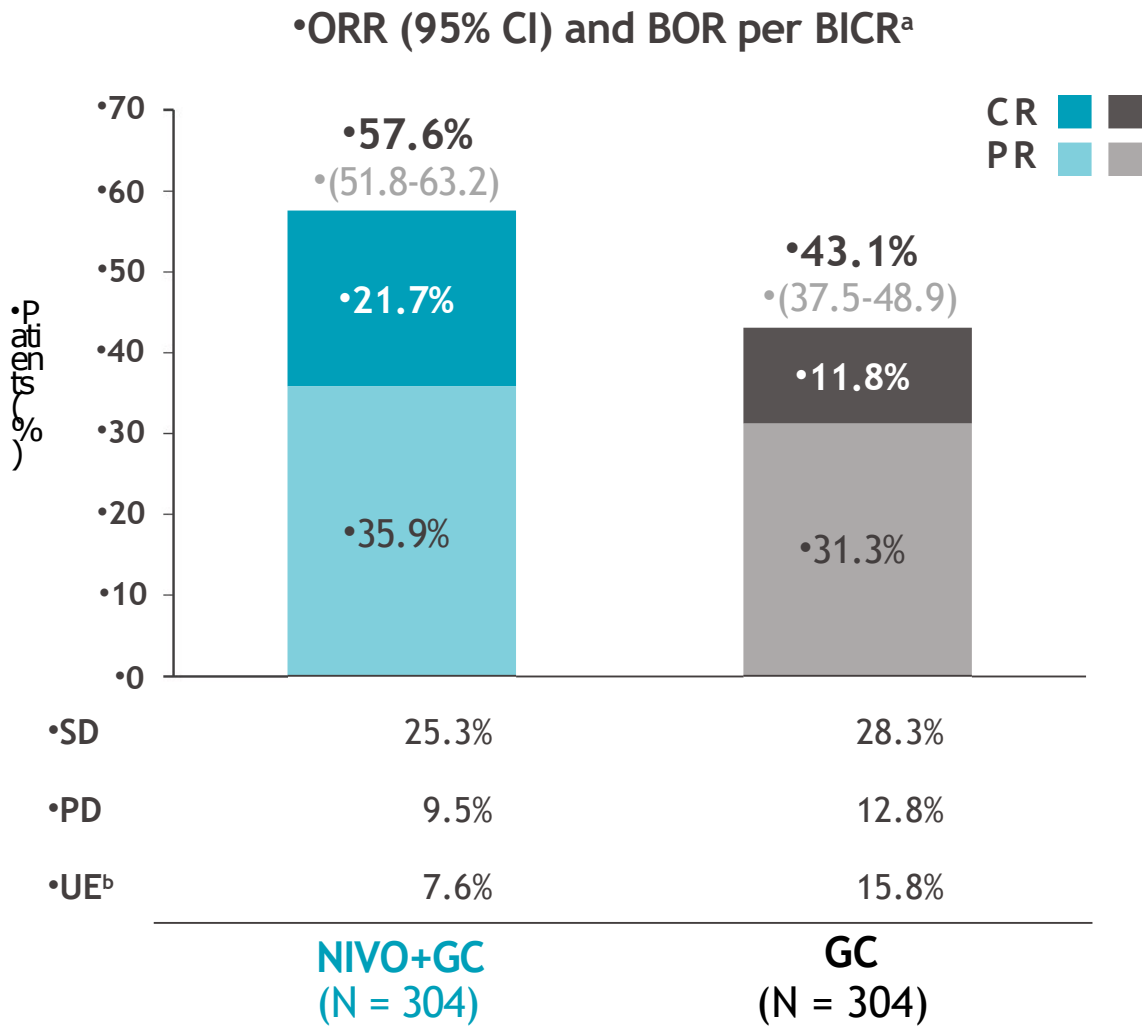
ORR and CR rates were notably higher with NIVO+GC

•ORR (95% CI) and BOR per BICR^a



^aIn all randomized patients. ^bThe most common reasons for UE response included death before first tumor assessment, withdrawal of consent, treatment stopped due to toxicity, patient never treated, and receipt of subsequent anticancer therapy before first tumor assessment. ^cBased on patients with an objective response per BICR (PR or CR as BOR). ^dBased on patients with a CR per BICR.
•BOR, best overall response; CR, complete response; DoCR, duration of complete response; DoR, duration of objective response; NE, not estimable; PD, progressive disease; PR, partial response;
•Q, quartile; SD, stable disease; TTCR, time to complete response; TTR, time to objective response; UE, unevaluable.

Objective response outcomes (exploratory endpoints)



•Time to and duration of responses

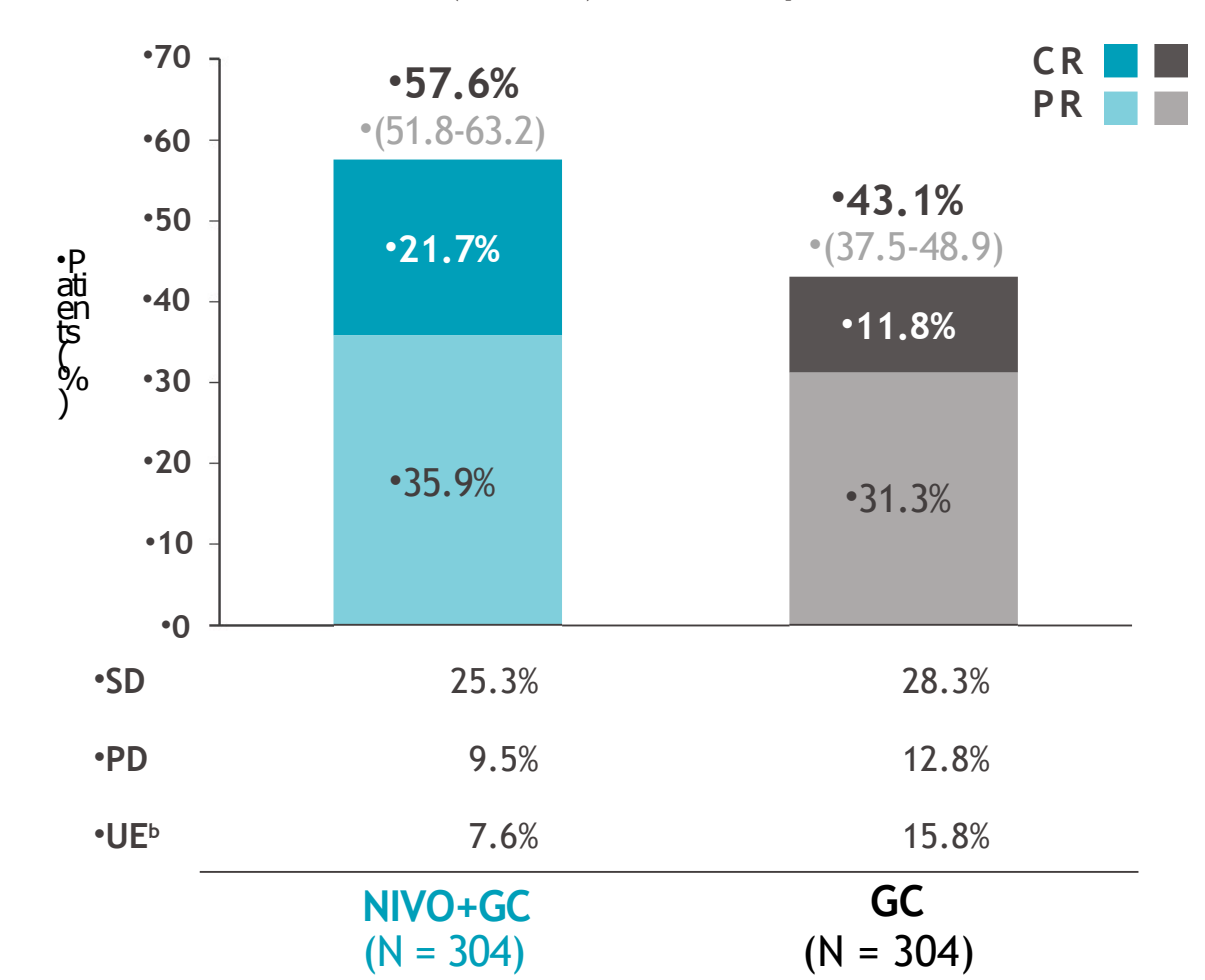
| | NIVO+GC (n = 175) | GC (n = 131) |
|-------------------------------------|----------------------|-----------------|
| Any objective response ^c | | |
| Median TTR (Q1-Q3), months | 2.1 (2.0-2.3) | 2.1 (2.0-2.2) |
| Median DoR (95% CI), months | 9.5 (7.6-15.1) | 7.3 (5.7-8.9) |

^aIn all randomized patients. ^bThe most common reasons for UE response included death before first tumor assessment, withdrawal of consent, treatment stopped due to toxicity, patient never treated, and receipt of subsequent anticancer therapy before first tumor assessment. ^cBased on patients with an objective response per BICR (PR or CR as BOR). ^dBased on patients with a CR per BICR.
•BOR, best overall response; CR, complete response; DoCR, duration of complete response; DoR, duration of objective response; NE, not estimable; PD, progressive disease; PR, partial response;
•Q, quartile; SD, stable disease; TTR, time to complete response; TTR, time to objective response; UE, unevaluable.

Objective response outcomes (exploratory endpoints)

The CR rate was nearly doubled (21.7% vs 11.8%) and the DoCR almost 3 times longer (37.1 vs 13.2 months) with NIVO+GC, despite a maximum of 2 years of NIVO treatment

•ORR (95% CI) and BOR per BICR^a



•Time to and duration of responses

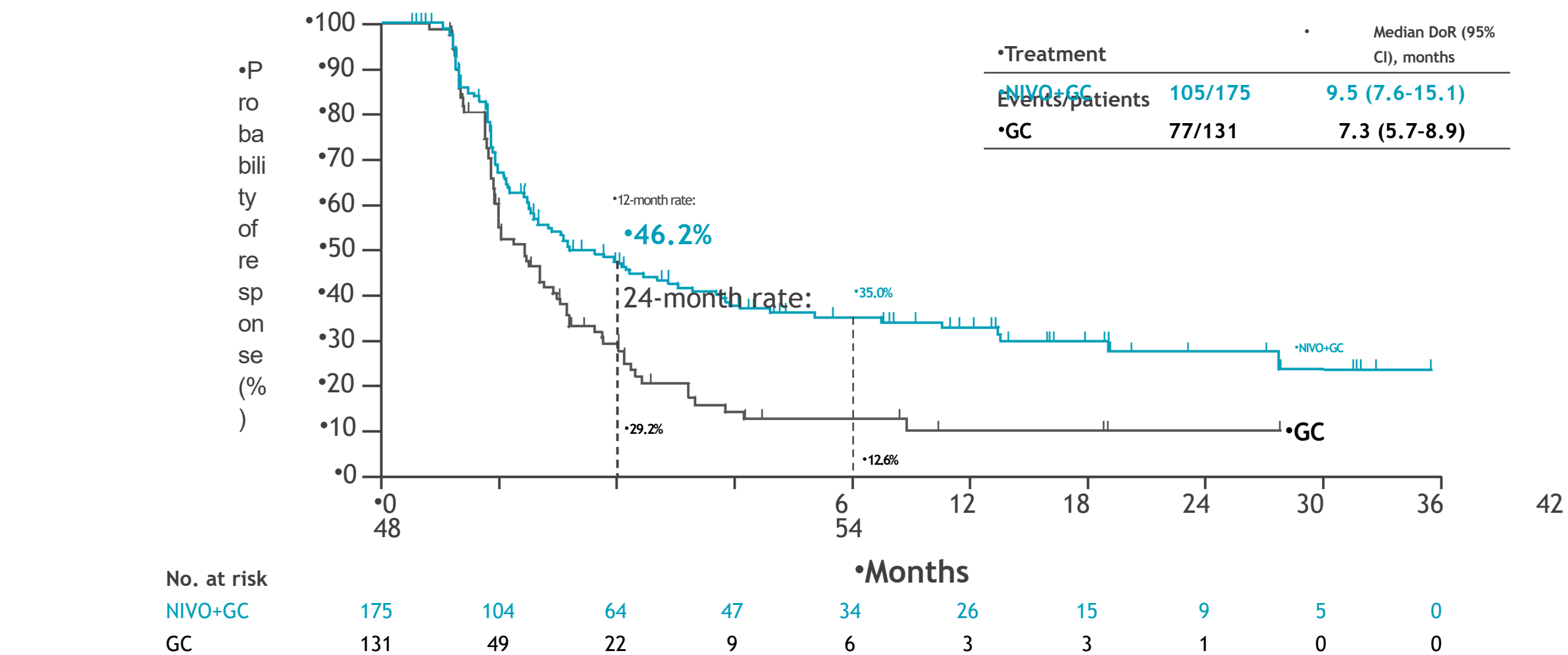
| | NIVO+GC (n = 175) | GC (n = 131) |
|-------------------------------------|----------------------|-----------------|
| Any objective response ^c | | |
| Median TTR (Q1-Q3), months | 2.1 (2.0-2.3) | 2.1 (2.0-2.2) |
| Median DoR (95% CI), months | 9.5 (7.6-15.1) | 7.3 (5.7-8.9) |

| | NIVO+GC (n = 66) | GC (n = 36) |
|--------------------------------|---------------------|-----------------|
| Complete response ^d | | |
| Median TTCR (Q1-Q3), months | 2.1 (1.9-2.2) | 2.1 (1.9-2.2) |
| Median DoCR (95% CI), months | 37.1 (18.1-NE) | 13.2 (7.3-18.4) |

^aIn all randomized patients. ^bThe most common reasons for UE response included death before first tumor assessment, withdrawal of consent, treatment stopped due to toxicity, patient never treated, and receipt of subsequent anticancer therapy before first tumor assessment. ^cBased on patients with an objective response per BICR (PR or CR as BOR). ^dBased on patients with a CR per BICR.
•BOR, best overall response; CR, complete response; DoCR, duration of complete response; DoR, duration of objective response; NE, not estimable; PD, progressive disease; PR, partial response;
•Q, quartile; SD, stable disease; TTCR, time to complete response; TTR, time to objective response; UE, unevaluable.

Duration of objective response per BICR

concurrent ICI and chemotherapy combination was associated with deep and durable responses



Subsequent therapy^a

40% patients in GC alone arm , went on to receive Immune check point inhibitors as subsequent therapy

•Subsequent immunotherapy received before PD^b

| Category, n (%) | NIVO+GC (N = 304) | GC (N = 304) |
|-----------------|----------------------|-----------------|
| Any ICI | 8 (3) | 60 (20) |
| Anti-PD-1 | 6 (2) | 24 (8) |
| Pembrolizumab | 4 (1) | 17 (6) |
| Anti-PD-L1 | 2 (1) | 36 (12) |
| Avelumab | 2 (1) | 27 (9) |
| Atezolizumab | 0 | 6 (2) |

Subsequent immunotherapy received at any

| Category, n (%) | NIVO+GC (N = 304) | GC (N = 304) |
|----------------------|----------------------|-----------------|
| Any ICI ^c | 25 (8) | 123 (40) |
| Anti-PD-1 | 22 (7) | 72 (24) |
| Pembrolizumab | 14 (5) | 54 (18) |
| NIVO | 6 (2) | 5 (2) |
| Toripalimab | 0 | 6 (2) |
| Anti-PD-L1 | 3 (1) | 52 (17) |
| Avelumab | 3 (1) | 32 (11) |
| Atezolizumab | 0 | 13 (4) |
| Durvalumab | 0 | 7 (2) |

•Proportions of patients receiving subsequent surgery, radiotherapy, and/or platinum-based chemotherapy were similar in the NIVO+GC and GC arms

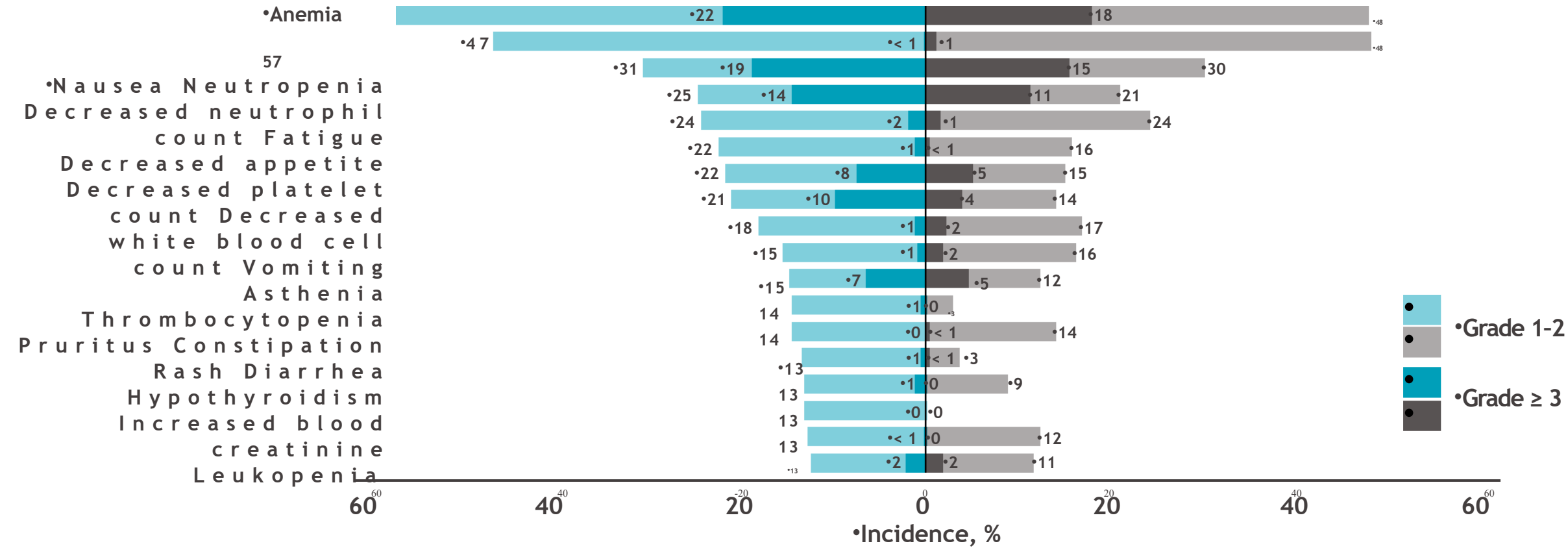
^aIn all randomized patients. Subsequent therapy was defined as therapy started on or after first dosing date (randomization date if patient was never treated). Patients may have received more than 1 subsequent therapy. ^bIndividual subsequent immunotherapy regimens received in > 1% of patients in either arm are listed. ^c1 patient in the NIVO+GC arm received subsequent NIVO plus ipilimumab; 3 patients in the NIVO+GC arm and 2 in the GC arm received other subsequent immunotherapy (ie, not anti-PD-1 or PD-L1).
•ICI, immune checkpoint inhibitor; PD-1, programmed death-1.

Treatment-related AEs in all treated patients

The combination of NIVO+GC resulted in no new toxicity signals, and the safety profile was consistent with the established safety of these agents in prior UC trials

•NIVO+GC (n = 304)

| Treatment-related AE, % ^a | Any grade | Grade ≥ 3 ^b | Any grade | Grade ≥ 3 ^b |
|--------------------------------------|-----------|------------------------|-----------|------------------------|
| Any | 97 | 62 | 93 | 52 |
| Leading to discontinuation | 21 | 11 | 17 | 8 |



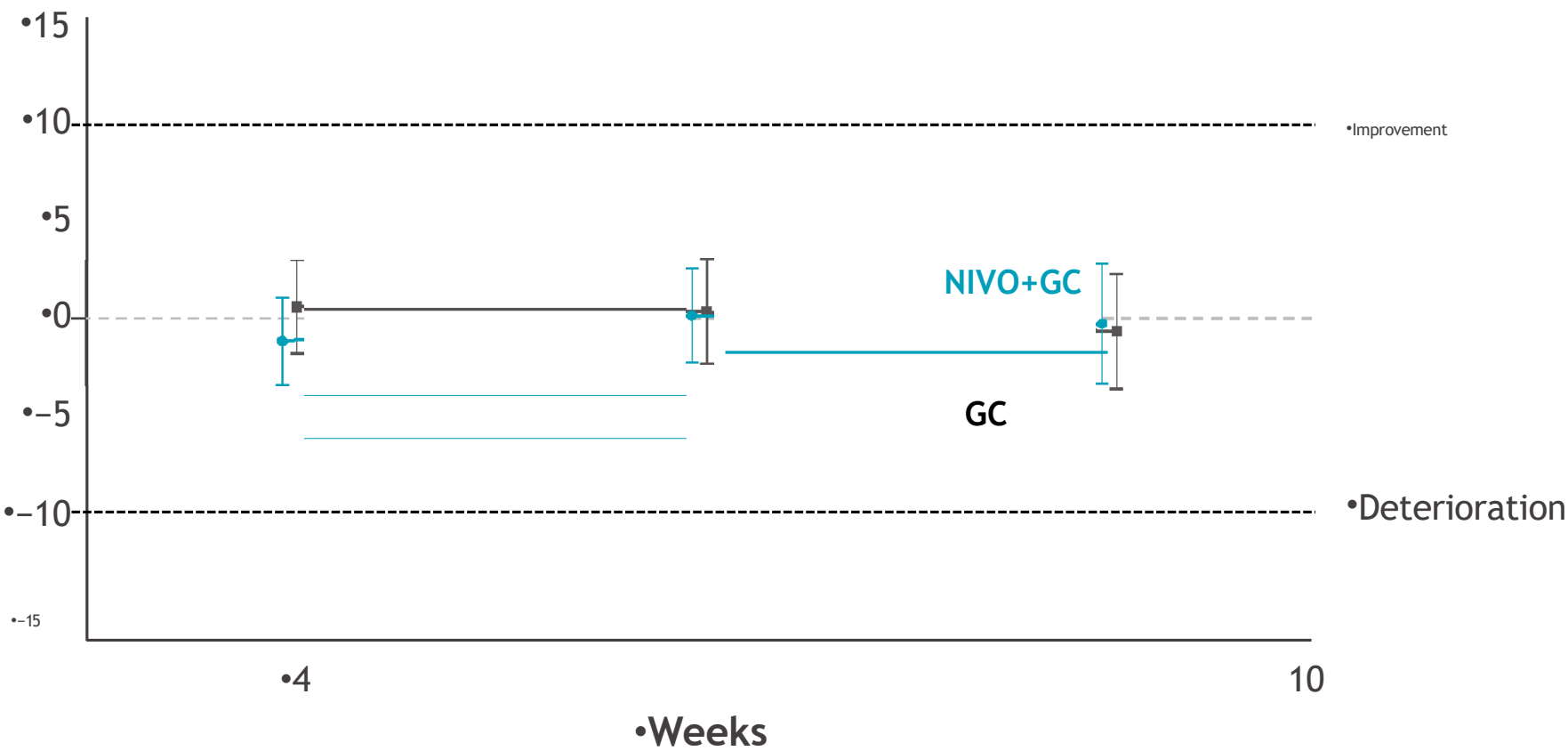
^aIncludes events that occurred in treated patients between first dose and 30 days after last dose of study therapy. Tornado plot displays individual treatment-related AEs occurring at any grade in ≥ 10% of treated patients in either arm. ^bOne grade 5 event occurred in each arm (sepsis in the NIVO+GC arm and acute kidney injury in the GC arm).

•AE, adverse event.

HRQoL: EORTC QLQ-C30 (secondary endpoint)

Quality of life was maintained with addition of NIVO to GC

•Mean change from baseline in EORTC QLQ-C30 Global Health Status^a



^aIn the EORTC QLQ-C30 evaluable population. Includes patients who completed ≥ 1 of the 15 domains/scales at baseline and ≥ 1 evaluable assessment at post-baseline visits based on the EORTC QLQ-C30. Changes from baseline were used as the dependent variable. Analysis used all HRQoL data assessed during the treatment period through week 16. A mixed-effects repeated measures model was used assuming unstructured covariance and included a random intercept/slope and fixed effects by treatment group, time (ie, week, as a categorical variable), PD-L1 expression, cisplatin-eligibility (ineligible vs eligible), liver metastasis (yes vs no), baseline score, and baseline score by time interaction and treatment by time interaction.

•EORTC QLQ-C30, European Organisation for Research and Treatment of Cancer QLQ-C30 Global Health Status questionnaire; LS, least squares.

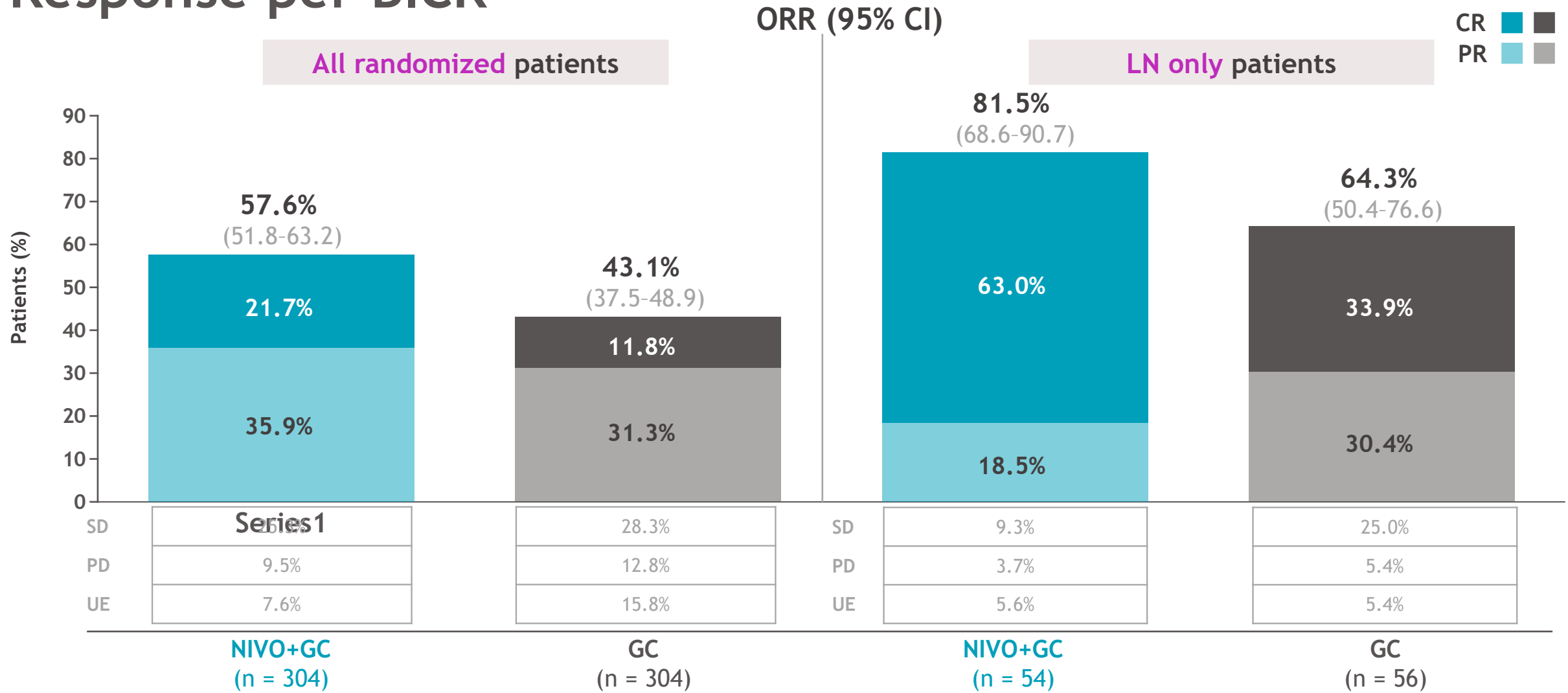
ASCO 2024: Characterization of Complete Responders to Nivolumab + Gemcitabine-Cisplatin vs Gemcitabine-Cisplatin Alone and Patients with Lymph Node-only Metastatic Urothelial Carcinoma from the CheckMate 901 Trial

Select characteristics for all patients with complete response

| | All randomized patients | | Patients with CR | |
|--|-------------------------|-----------------|---------------------|----------------|
| | NIVO+GC (N = 304) | GC (N = 304) | NIVO+GC (N = 66) | GC (N = 36) |
| Median age (range), years | 65.0 (32-86) | 65.0 (35-85) | 65.0 (33-81) | 63.5 (36-80) |
| Male sex, n (%) | 236 (78) | 234 (77) | 53 (80) | 31 (86) |
| Race | | | | |
| White | 211 (69) | 225 (74) | 47 (71) | 27 (75) |
| Black or African American | 0 | 2 (< 1) | 0 | 0 |
| American Indian or Alaska Native | 1 (< 1) | 1 (< 1) | 0 | 1 (3) |
| Asian | 75 (25) | 63 (21) | 16 (24) | 6 (17) |
| Other | 17 (6) | 13 (4) | 3 (5) | 2 (6) |
| LN only disease, ^a n (%) | 54 (18) | 56 (18) | 34 (52) | 19 (53) |
| Disease stage at study entry, n (%) | | | | |
| Stage III | 37 (12) | 28 (9) | 9 (14) | 5 (14) |
| Stage IV | 265 (87) | 274 (90) | 56 (85) | 31 (86) |
| Not reported | 2 (< 1) | 2 (< 1) | 1 (2) | 0 |
| PD-L1 status, n (%) | | | | |
| ≥ 1% | 112 (37) | 109 (36) | 28 (42) | 11 (31) |
| < 1% | 192 (63) | 195 (64) | 38 (58) | 25 (69) |
| Subsequent anticancer therapy received | 108 (36) | 156 (51) | 23 (35) | 15 (42) |

^aLN only disease as defined per BICR. There may not be full concordance with investigator assessment. Galsky MD et al. Presentation at the American Society of Clinical Oncology (ASCO) Annual Meeting, Chicago, IL, June 1-4, 2024. Abstract 4509.

Response per BICR



- CR rates for NIVO+GC-treated patients with LN only mUC were approximately twice that of GC-treated patients

Galsky MD et al. Presentation at the American Society of Clinical Oncology (ASCO) Annual Meeting. Chicago, IL. June 1-4, 2024. Abstract 4509.

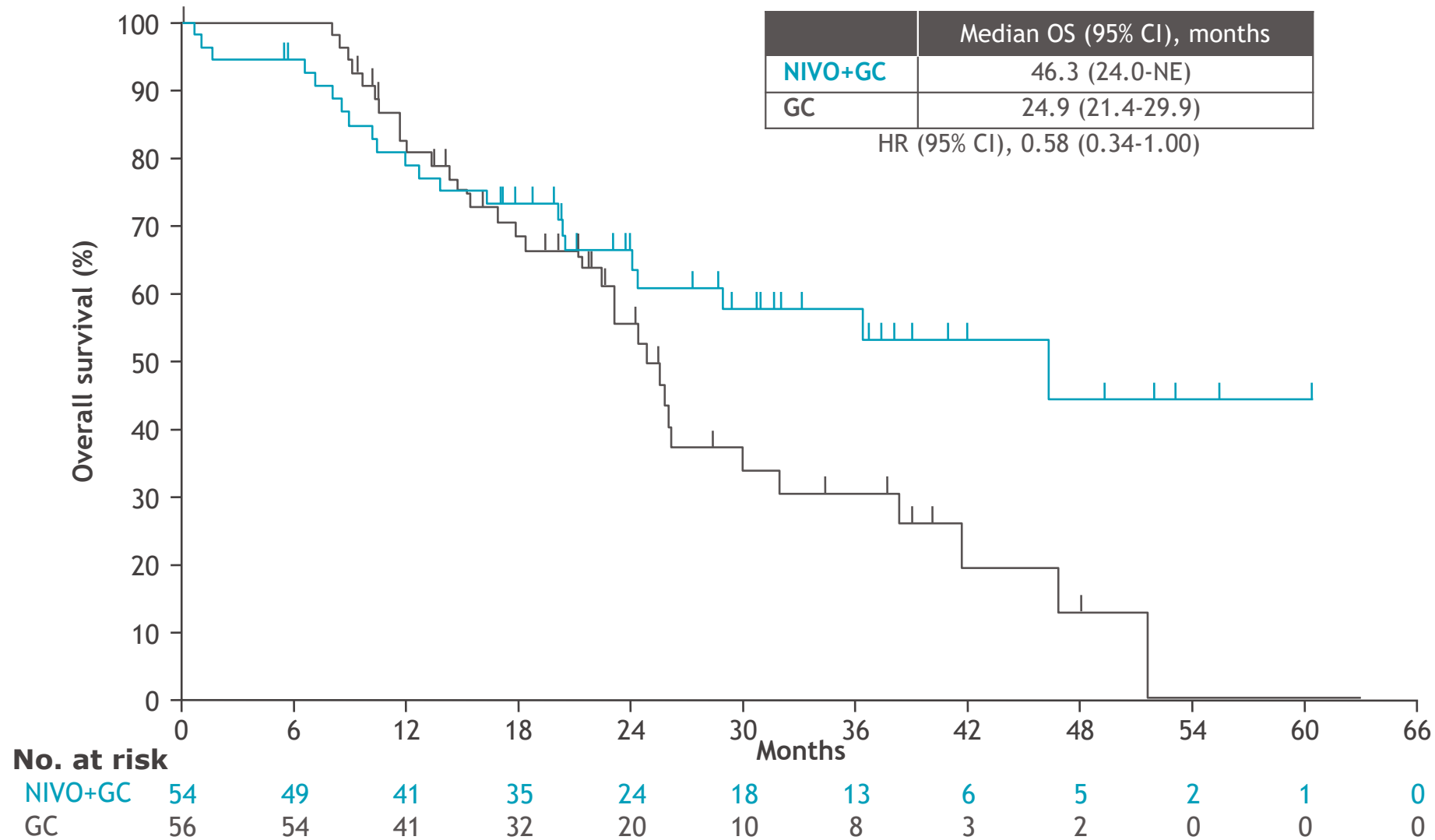
Response characteristics for LN only patients with CR

| | NIVO+GC (N = 54) | GC (N = 56) |
|--|---------------------|--------------------|
| Patients with CR | n = 34 | n = 19 |
| Median time to CR (range), months | 2.1 (1.8-2.2) | 2.0 (1.6-3.3) |
| Median duration of CR (95% CI), months | NR (22.0-NE) | 8.7 (6.7-15.6) |
| 12-month CR rate (95% CI), % | 70 (51-82) | 32 (10-57) |
| 24-month CR rate (95% CI), % | 65 (45-79) | Not applicable (0) |

- The median duration of CR was NR in the NIVO+GC group and was 8.7 months in the GC group
- The 12-month CR rate for patients treated with NIVO+GC was more than twice that of patents treated with GC

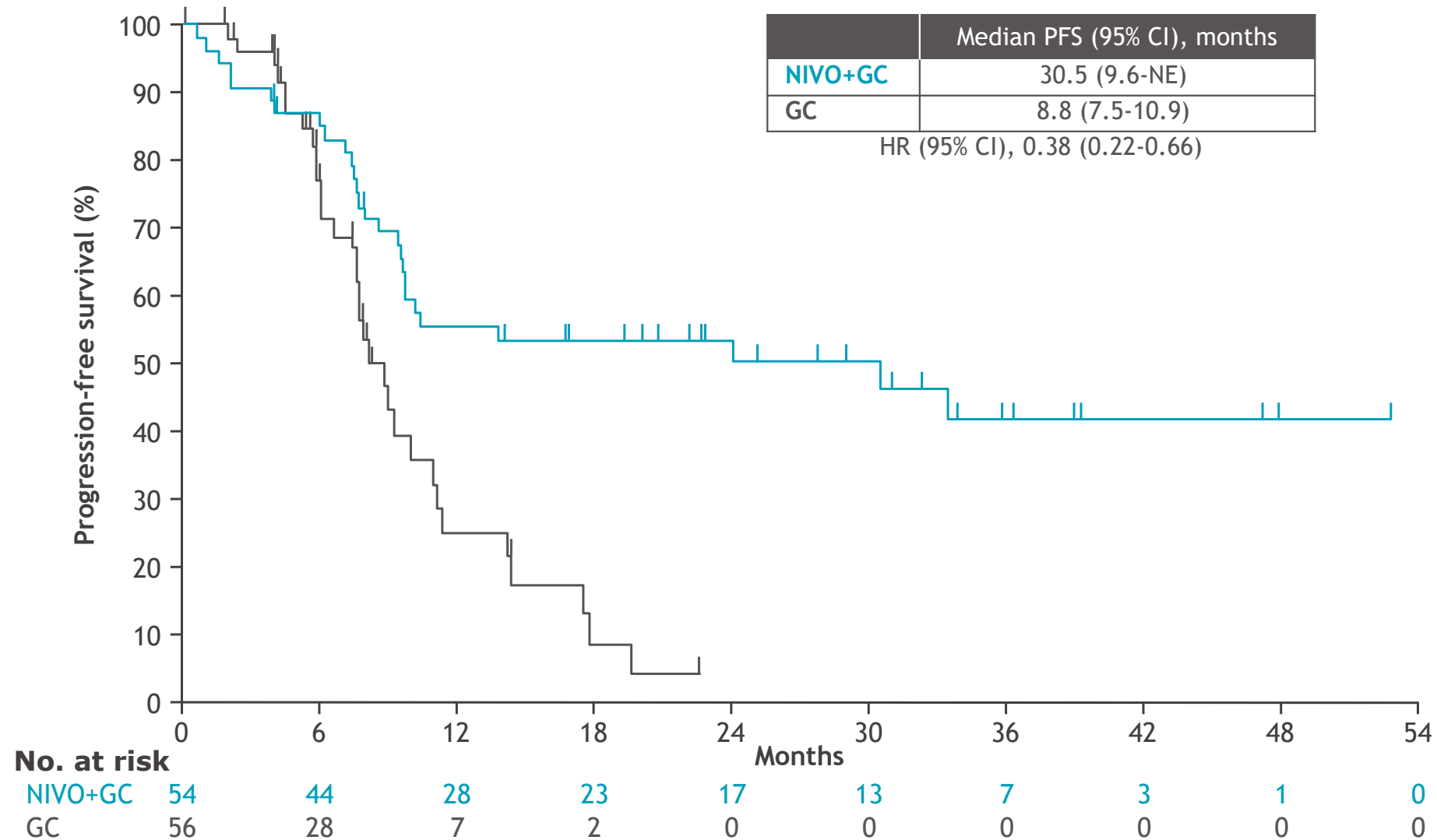
Galsky MD et al. Presentation at the American Society of Clinical Oncology (ASCO) Annual Meeting. Chicago, IL. June 1-4, 2024. Abstract 4509.

OS: patients with LN only mUC per BICR



Galsky MD et al. Presentation at the American Society of Clinical Oncology (ASCO) Annual Meeting. Chicago, IL. June 1-4, 2024. Abstract 4509.

PFS: patients with LN only mUC per BICR



Galsky MD et al. Presentation at the American Society of Clinical Oncology (ASCO) Annual Meeting. Chicago, IL. June 1-4, 2024. Abstract 4509.

Summary: sub analysis of CM901 on LN metastases-only

- The post hoc analysis of CheckMate 901 revealed that among patients achieving complete response (CR), more than half had lymph node-only mUC.
- In patients with lymph node-only metastatic urothelial carcinoma (mUC), Nivolumab+GC demonstrated durable disease control and clinically meaningful improvements in OS and PFS compared to patients who received GC alone.
- Lymph node-only mUC represents a distinct clinical entity, and with Nivolumab+GC, we may alter the trajectory of this disease through consolidation therapy

Overall Summary

- NIVO+GC demonstrated statistically significant and clinically meaningful improvements in OS and PFS versus GC alone as first-line treatment for unresectable or mUC
- ORR and CR rates were notably higher with NIVO+GC and the concurrent ICI and chemotherapy combination was associated with deep and durable responses
 - The CR rate was nearly doubled (21.7% vs 11.8%) and the DoCR almost 3 times longer (37.1 vs 13.2 months) with NIVO+GC, despite a maximum of 2 years of NIVO treatment
- The combination of NIVO+GC resulted in no new toxicity signals, and the safety profile was consistent with the established safety of these agents in prior UC trials
- HRQoL was maintained with addition of NIVO to GC
- NIVO+GC is the first frontline concurrent ICI plus chemotherapy combination to improve OS in patients with unresectable or mUC
- These findings strengthen the rationale for Nivolumab plus cisplatin-based chemotherapy as a standard first-line treatment option for patients with mUC. Given the fixed number of cycles of CT, and the two year duration of immunotherapy, Nivolumab+GC seems more patient friendly regimen.

Thank you