

RATIONALE-306 Subgroup Analysis of Patients With Advanced/Metastatic Esophageal Squamous Cell Cancer and Tumor Area Positivity Score ≥5%

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CONCLUSIONS

- The median overall survival (OS) of 19.1 months with tislelizumab plus chemotherapy in the tumor programmed death-ligand 1 (PD-L1) ≥5% population sets a new bar for efficacy in this group of patients with advanced/metastatic esophageal squamous cell carcinoma (ESCC) and should be considered in shared decision-making
- Efficacy benefits and safety outcomes remained consistent with primary analysis and 3-year follow-up data, showing sustained improvement with no new safety signals

INTRODUCTION

- Tislelizumab, in combination with platinum-based chemotherapy, is approved by the European Medicines Agency for the first-line treatment of adults with unresectable, locally advanced or metastatic ESCC with tumor PD-L1 Tumor Area Positivity (TAP) score ≥5%¹
- In the CheckMate 648 trial, patients with unresectable advanced, recurrent or metastatic ESCC and tumor PD-L1 combined positive score (CPS) ≥5 showed an improvement in OS with nivolumab plus chemotherapy vs chemotherapy alone (hazard ratio [HR]=0.78) after a 29-month minimum follow-up²
- The RATIONALE-306 trial demonstrated significant OS benefit for first-line treatment with tislelizumab plus chemotherapy compared with placebo plus chemotherapy in patients with advanced ESCC, both at primary analysis³ and at the minimum 3-year follow-up⁴
 - At the 3-year follow-up, OS results showed a stratified HR of 0.70 for all patients in the intent-to-treat (ITT) population⁴
 - In patients with tumor PD-L1 TAP score ≥10% and ≥5%, the HRs were 0.70⁴ and 0.62, respectively, at the 3-year follow-up
- Here, we report the study close-out analysis (August 22, 2024) of RATIONALE-306 in the subgroup with tumor PD-L1 TAP score ≥5%

METHODS

- RATIONALE-306 (NCT03783442) is a randomized, double-blind, global, phase 3 trial evaluating the efficacy and safety of tislelizumab plus chemotherapy, compared with placebo plus chemotherapy, as a first-line treatment for metastatic or unresectable ESCC (**Figure 1**)

