

## **A Phase 3, Randomized, Open-Label Study to Compare the Efficacy of Tislelizumab Versus Chemotherapy as Second-Line Therapy for Advanced Unresectable/Metastatic Esophageal Squamous Cell Carcinoma (ESCC)**

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**Background:** Approximately 40% of patients with esophageal cancer are diagnosed with advanced unresectable or metastatic disease; the 5-year survival rate for advanced disease is <5%. Inhibition of PD-1 has demonstrated antitumor activity and was generally well tolerated in patients with advanced unresectable or metastatic ESCC. Tislelizumab is a humanized IgG4 monoclonal antibody to PD-1 specifically engineered to minimize FcγR binding on macrophages, possibly minimizing negative interactions with other immune cells. In a phase 1 study (NCT02407990), tislelizumab was generally well tolerated and showed antitumor activity; 200 mg IV every three weeks (Q3W) was established as the recommended dose.

**Methods** This phase 3, randomized study (NCT03430843) was designed to evaluate the efficacy, safety, and tolerability of tislelizumab compared with chemotherapy for second-line treatment of advanced unresectable/metastatic ESCC. Adult patients, aged ≥18 years, with histologically or cytologically confirmed ESCC that has progressed with first-line therapy, have ≥1 measurable/evaluable lesion, and have an Eastern Cooperative Oncology Group score ≤1 will be enrolled. Approximately 450 patients will be randomized (1:1) to receive either tislelizumab 200 mg IV Q3W or investigator-chosen chemotherapy (paclitaxel 135–175 mg/m<sup>2</sup> IV on Day 1 Q3W [100 mg/m<sup>2</sup> IV weekly for 6 weeks with 1 week of rest in Japan only], docetaxel 75 mg/m<sup>2</sup> on Day 1 Q3W [70 mg/m<sup>2</sup> IV on Day 1 Q3W in Japan only], or irinotecan 125 mg/m<sup>2</sup> IV on Days 1 and 8 Q3W). Overall survival is the primary endpoint; secondary endpoints include objective response rate, progression free survival, duration of response, health-related quality-of-life outcomes, and safety. Safety/tolerability will be assessed by monitoring adverse events (AEs), including immune-related AEs, as well as physical examinations, vital signs, and electrocardiograms. Disease control rate and assessments of pharmacokinetic profile, immunogenicity, and predictive biomarkers are exploratory endpoints.