1-13 SEPTEMBER INTERNATIONAL LIVER CANCER ASSOCIATION VIRTUAL CONFERENCE

2020-

Summary

The EMERALD-1 study will expand our understanding of the potential clinical benefits of adding durvalumab or durvalumab with bevacizumab to TACE for patients with locoregional HCC who are not candidates for curative therapy.

Introduction

- Curative therapy is not always an option for patients with intermediate-stage HCC and a standard approach for treatment is locoregional therapy such as TACE.
- TACE therapy achieves tumor responses, **but** progression and recurrence are common and often occur within 1 year.¹
- Immune checkpoint inhibitors have shown promising efficacy with durable response as treatment for advanced HCC when combined with TACE.^{2,3}
- The immune checkpoint inhibitor atezolizumab combined with the VEGF inhibitor bevacizumab have been approved in HCC.^{4,5}
- Combining durvalumab with the VEGF inhibitor bevacizumab and TACE therapies warrants evaluation in patients with locoregional HCC.

Methods

- EMERALD-1 (NCT03778957) is a randomized, double-blind, placebo-controlled, multicenter Phase 3 study assessing efficacy and safety for durvalumab when given concurrently with either DEB-TACE or conventional TACE followed by durvalumab ± bevacizumab in patients with locoregional HCC not amenable to curative therapy.
- 600 patients will be randomized 1:1:1 to Arms A, B, or C (**Figure 1**).
- Durvalumab (or its matched placebo) will begin at least 7 days following the initial TACE procedure.
- Bevacizumab (or its matched placebo) will be added to durvalumab (or its matched placebo) at least 14 days after the last TACE procedure.

A Randomized, Placebo-Controlled Study of Transarterial **Chemoembolization Combined With Concurrent Durvalumab Followed** by Durvalumab or Durvalumab Plus Bevacizumab Therapy in Patients With Locoregional Hepatocellular Carcinoma (HCC): EMERALD-1

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chemoembolization; VEGF, vascular endothelial growth factor.

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Study Endpoints

Assess PFS (by BICR using RECIST v 1:1)

- Evaluate PFS for all arms using modified RECIST (by BICR)
- Evaluate overall survival for all arms
- Investigate the relationship between baseline PD-L1 expression and efficacy outcomes
- Measure time to progression for all arms
- Evaluate objective response, duration of response, and disease control rate
- Assess disease-related symptoms, impacts, and HRQoL for all arms
- Evaluate safety and tolerability profile of all arms

Key exploratory objectives

- Investigate the association of candidate biomarkers with efficacy measures using blood and tissue samples
- Explore the impact of treatment and disease state on health care utility and resources

References

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