Impact of Elbasvir/Grazoprevir (EBR/GZR) on Health-Related Quality of Life (HRQOL) and Fatigue in Patients With Chronic Hepatitis C Virus (HCV) Infection and Inherited Blood Disorders (IBLD): Data From the C-EDGE IBLD Study

Methods

Patient-reported outcomes (PRO)

- Study design
  - Randomized, double-blind, placebo-controlled, multinational Phase III trial
  - Efficacy and safety demonstrated in treatment-naive and treatment-co-infected patients
  - Chronic HCV infection and IBLD negatively impact patients' HRQOL, including functional health and well-being

Methods (continued)

- Study population
  - Cohort of patients with HCV infection and IBLD
- PRO assessments
  - Efficacy and safety demonstrated in treatment-naive and treatment-co-infected patients
  - EBR/GZR impacts HRQOL and fatigue during treatment and follow-up

Results

- Baseline characteristics
  - Age
  - Gender
  - Race
  - HCV genotypes
  - Treatment-naive
  - Blood disorders
- Compliance rates for the PRO assessments were high across the time points (>92%) and comparable between treatment groups

**Figure 1. Comparable baseline mean scores between treatment groups**

**Figure 2. Mean change from baseline in HRQOL and fatigue scores**

**Figure 3. Treatment difference in mean change from baseline HRQOL and fatigue scores (EBR/GZR – placebo)**

Conclusions

- Treatment with EBR/GZR had a more favorable impact on the HRQOL profile than treatment with placebo
- Overall, the changes in HRQOL in this study were substantially more favorable than the placebo group in Physical Functioning, Role-Limitations Physical, General Health, Role-Limitations Emotional, Mental Health, and Component Summary

**References**

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