VALIDITY OF THE KOREAN VERSION OF THE CHRONIC LIVER DISEASE QUESTIONNAIRE (CLDQ) FOR THE ASSESSMENT OF HEALTH-RELATED QUALITY OF LIFE IN KOREAN PATIENTS WITH CHRONIC HEPATITIS B

Choi HM1, Kwon SY1, Kim Y1, Koo HW1, Choi W1, Lee YS1, Lee YS2, Lee JH2, Lee CH3
1GlaxoSmithKline, Seoul, South Korea, 2Konkuk University, Seoul, South Korea, 3Catholic University of Korea, Bucheon, South Korea, 4Sungkyunkwan University, Seoul, South Korea

BACKGROUND
Quality of life (QOL) is considered to be an important aspect of disease. The chronic Liver disease Questionnaire (CLDQ) is a specific health-related quality of life assessment designed for patients with liver diseases. CLDQ covers 20 items and is designed to measure the six domains of QOL: abdominal symptoms (AS), fatigue (FA), systemic symptoms (SS), activity (AC), emotional functioning (EF), and worry (WO). So far it has not been validated for Koreans.

OBJECTIVE
The aim of this study was the adaptation of the CLDQ for use in Korea

METHOD
The CLDQ was formally translated from the original version to Korean language with permission. The translation process included forward and back-translation by bilingual translators, cross-cultural adaptation with steering committee review and pilot testing.

A total of 4087 patients with chronic hepatitis B were enrolled in the original study. All patients were asked to complete the translated versions of CLDQ and Euroqol. 3545 patients completed both CLDQ and Euroqol. Information on demography, physical findings, and biochemical test results were collected. The validity was assessed by the associations with the utility index of EQ-5D(Korean version). Cronbach’s alpha was calculated. Spearman’s correlation was used to assess convergent validity. P-value <0.05 was considered statistically significant.

RESULT
Enrolled N=4087
Completed both CLDQ and Euroqol N=3,545
Completed both CLDQ and Euroqol N=3,545

DISCUSSION
• The CLDQ Korean version is applicable to measure quality of life in Korean patients with chronic hepatitis B.

CONCLUSION
• The CLDQ Korean version is applicable to measure quality of life in Korean patients with chronic hepatitis B.

REFERENCES