# PRO-C3 determined active fibrogenesis is a predictor of liver-related outcomes in patients with chronic hepatitis C

## BACKGROUND

Patients with untreated chronic hepatitis C (CHC) infection are at increased risk of developing a liver-related outcome. Despite the availability of simplified direct-acting antiviral therapy, the prevalence of CHC remains unchanged in many industrialized countries. Biomarkers that can predict which chronic liver disease patients with inflammatory injury are at greatest risk of developing a clinical outcome are required.

Aim: Investigate the ability of PRO-C3 as a marker of active fibrogenesis to predict liver-related outcomes compared to METAVIR fibrosis stage on biopsy in patients with hepatitis C virus (HCV) who were non-responders to prior interferon-based standardof-care.

### METHODS

- Study population from The Hepatitis C Antiviral Long-Term Treatment Against Cirrhosis Trial (HALT-C) including 340 patients
- Data provided by NIDDK CR, a program of the National Institute of Diabetes and Digestive and Kidney disease
- The fibrogenesis marker, NordicPRO-C3™ from The FIB-NIT Panel™, was measured in serum samples using a competitive ELISA
- METAVIR stage was assessed by liver biopsy at baseline and end-of-study

#### DEMOGRAPHICS

|                | No outcome (n=273) | Outo  |
|----------------|--------------------|-------|
| Age (years)    | 51 (47.0-55.0)     | 50 (4 |
| BMI (kg/m²)    | 29.2 (26.2-32.5)   | 30.1  |
| Sex, female    | 85 (31.1%)         | 25 (3 |
| ALT (U/L)      | 89 (61-129)        | 84 (6 |
| PRO-C3 (ng/mL) | 35.6 (26.1-54.9)   | 60.3  |

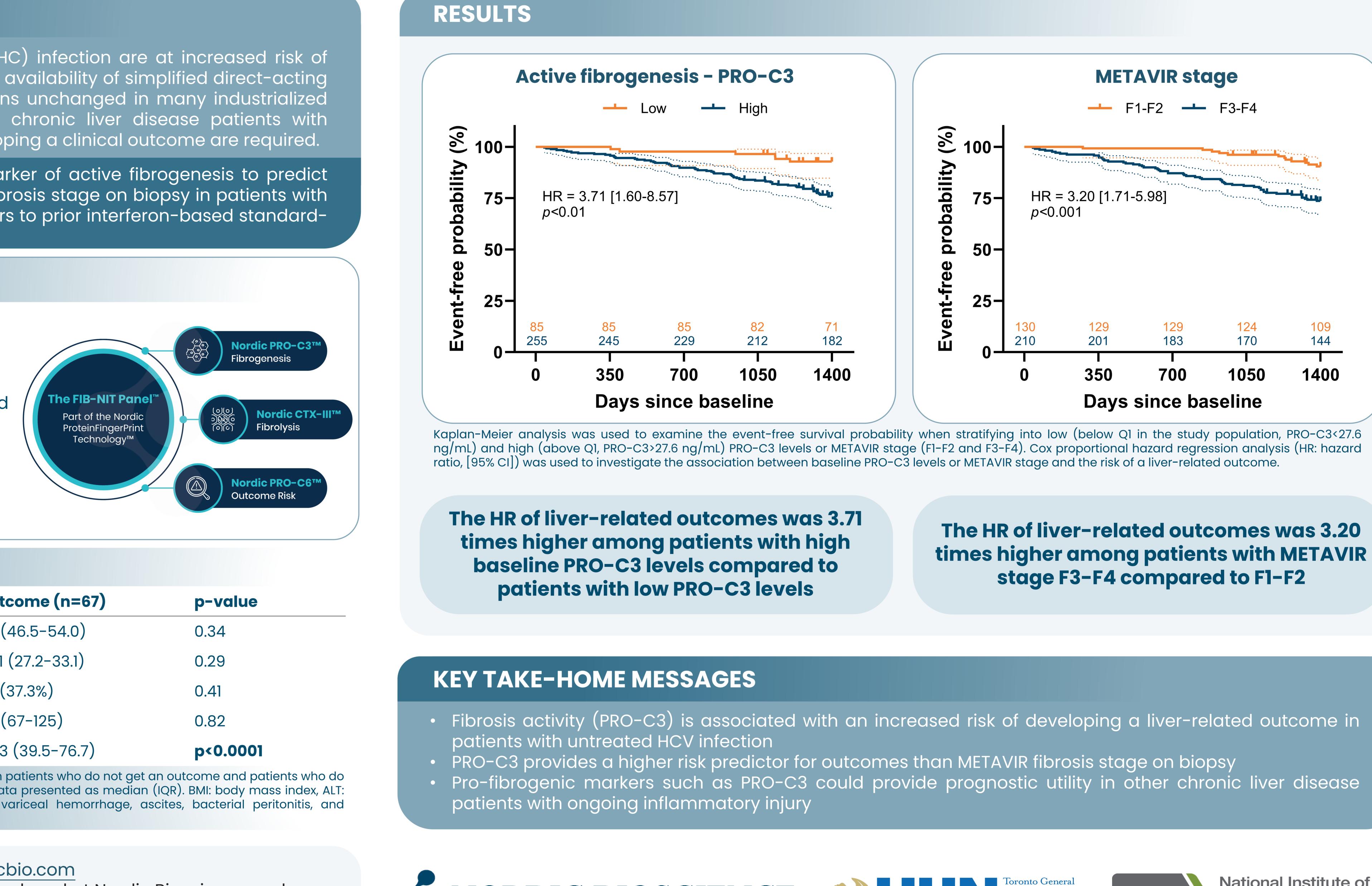
Patient demographics at baseline. The table shows differences between patients who do not get an outcome and patients who do get an outcome over a median follow-up of 839 days (IQR: 474-1132). Data presented as median (IQR). BMI: body mass index, ALT: alanine aminotransferase. Outcome definitions: death, HCC, CTP27, variceal hemorrhage, ascites, bacterial peritonitis, and encephalopathy. p-values: Mann-Whitney U test.



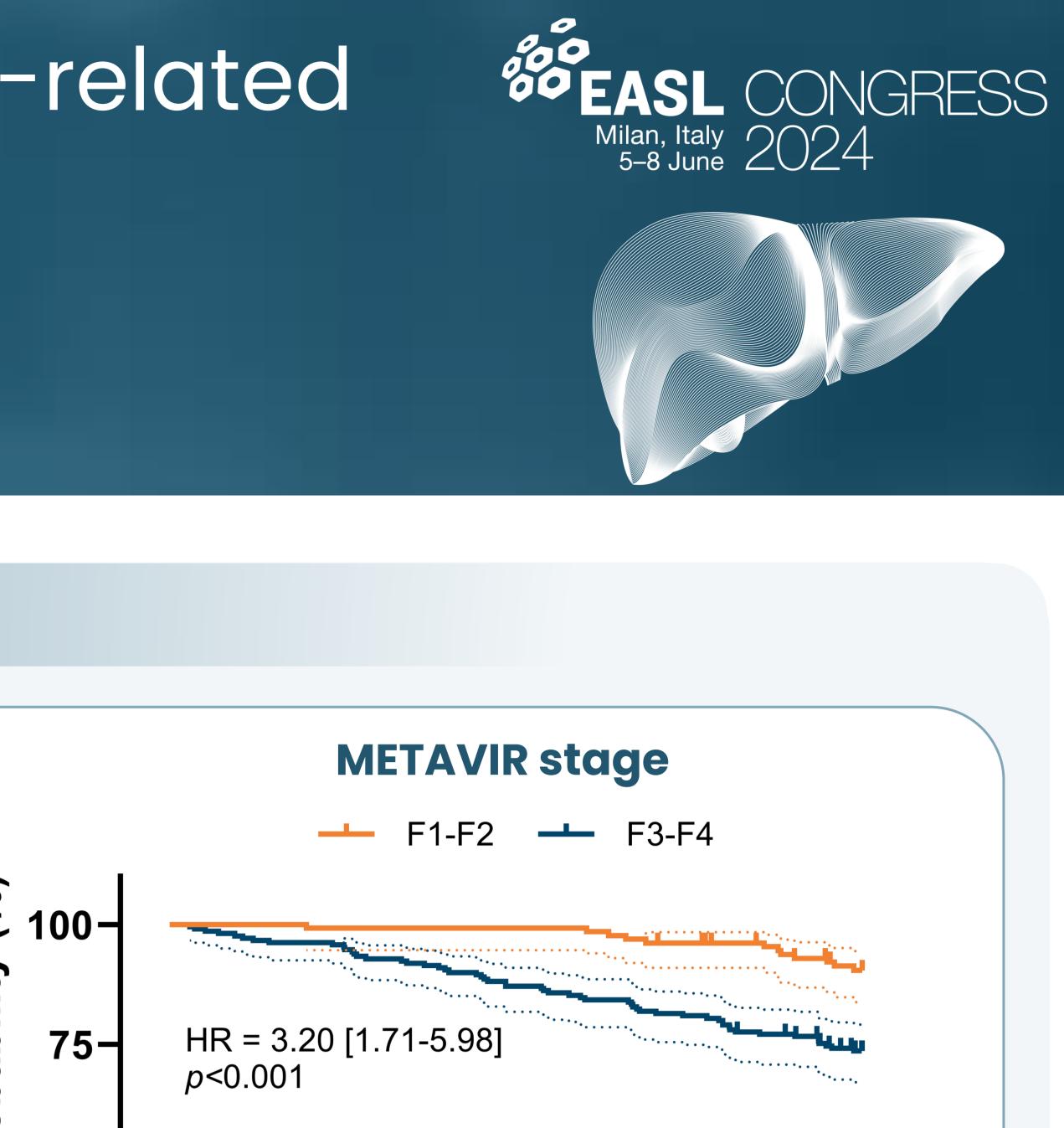
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