

**Supplementary Table 2.** Clinical events during follow-up duration in the training cohort

Clinical event	Number of patients*
HCC	180 (1.2)
Ascites	216 (1.6)
Spontaneous bacterial peritonitis	49 (0.3)
Variceal bleeding	44 (0.3)
Hepatic encephalopathy	87 (0.6)
Hepatorenal syndrome	31 (0.2)

Values are presented as number (%).

HCC, hepatocellular carcinoma.

\*Patients may have more than one clinical events during the follow-up duration.