

Supplemental material

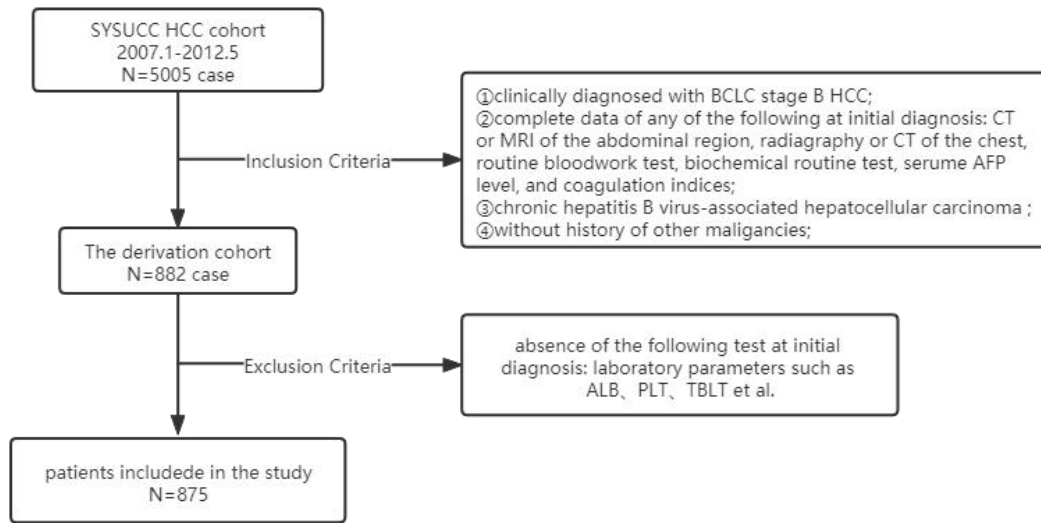


Fig. S1 Flowchart of the patient selection process in the training group.

Table S1. Score of each variable of prediction model

Variables	Group	Point
AFP (ng/ml)	≤400	0
	>400	16
LDH(U/L)	<245	0
	≥245	15
Management	Surgery	0
	TACE	65
	None	100

Diameter of main tumour (mm)	≤ 50	0
	> 50	52
Number of intrahepatic lesions	≤ 3	0
	> 3	15
aMAP score	≥ 56	0
	$49.42 \leq \text{aMAP} < 56$	4
	< 49.42	42

Formula S1. Calculation formula to predict 1-, 3-, and 5-year survival prognosis of intermediate-stage hepatocellular carcinoma patients:

1 – year survival probability

$$= 5.8e^{-08} \times \text{aMAP score}^3 + -3.286e^{-05} \times \text{aMAP score}^2 + 0.001391996 \times \text{aMAP score} + 0.88281106$$

3 – year survival probability

$$= 1.05e^{-07} \times \text{aMAP score}^3 + -3.4224e^{-05} \times \text{aMAP}^2 - 0.00134485 \times \text{aMAP score} + 0.813042628$$

5 – year survival probability

$$= 1.05e^{-07} \times \text{aMAP score}^3 + -2.6822e^{-05} \times \text{aMAP score}^2 - 0.002776677 \times \text{aMAP score} + 0.764029545$$