

Supplementary Table S1. Patient demographic and clinical characteristics after propensity score matching

Variables	Statin group, <i>n</i> = 31	Non-statin group, <i>n</i> = 62	<i>P</i> value
Age, years	68 (64-75)	69 (61-74)	0.925
Sex, male : female	25:6	53:9	0.550
HBsAg, positive	2 (6.5)	4 (6.5)	> 0.999
HBcAb, positive	8 (25.8)	15 (24.2)	0.865
HCVAb, positive	6 (19.4)	12 (19.4)	> 0.999
Child-Pugh class, A/B/C	28 (90.3) / 3 (9.7) / 0	59 (95.2) / 3 (4.8) / 0	0.397
Medications			
Statins*	31 (100)	-	-
No. of tumors, multiple	7 (22.6)	14 (22.6)	> 0.999
Maximum diameter of the tumors, mm	32 (18-106)	40 (23-60)	0.666
AST, IU/L	31 (28-39)	30 (21-47)	0.530
ALT, IU/L	29 (16-42)	28 (18-40)	0.987
Total bilirubin, mg/dL	0.7 (0.5-0.8)	0.6 (0.5-0.8)	0.971
Total cholesterol, mg/dL	163 (146-195)	168 (141-198)	0.754
Triglyceride, mg/dL	104 (81-150)	105 (73-137)	0.665
PT, %	100.0 (77.6-100.0)	91.0 (78.0-100.0)	0.296
ICG-R15, %	10.5 (6.4-16.7)	12.5 (8.6-17.2)	0.182
AFP, ng/mL	3.5 (2.3-8.0)	5.7 (2.6-14.0)	0.173
DCP, mAU/mL	635.0 (20.0-5076.0)	93.0 (20.5-458.0)	0.051

Abbreviations: HBsAg, hepatitis B surface antigen; HBcAb, hepatitis B core antibody; HVCAb, hepatitis C virus antibody; AST, aspartate aminotransferase; ALT; alanine aminotransferase; PT, prothrombin time; ICG-R15, Indocyanine green retention rate at 15 minutes; AFP, α -fetoprotein; DCP, des- γ -carboxyprothrombin.

Supplementary Table S2. Surgical, histopathological, and postoperative factors after propensity score matching

Variables	Stating group, <i>n</i> = 31	Non-statin group, <i>n</i> = 62	<i>P</i> value
Surgical factors			
Operative time, minutes	317 (228-457)	320 (260-408)	0.710
Estimated blood loss, mL	430 (210-1001)	565 (318-823)	0.689
Red blood cell transfusion	5 (16.1)	3 (4.8)	0.112
Surgical margin, positive	1 (3.2)	2 (3.2)	> 0.999
Histopathological factors			
Fibrosis score, F3-4*	5 (16.1)	9 (14.5)	> 0.999
Tumor differentiation, poor†	1 (3.2)	2 (3.2)	> 0.999
Major vascular invasion	1 (3.2)	5 (8.1)	0.660
Minor vascular invasion	11 (35.5)	20 (32.3)	0.817
Postoperative factors			
Morbidity	4 (12.9)	14 (22.6)	0.404
Major complication	1 (3.2)	0	0.333
Mortality	0	0	-
Postoperative hospital stay, days	13 (10-16)	14 (12-18)	0.138

*Based on the classification by Desmet *et al.* (22). †vs. well/moderate, based on modification of the Edmondson grade (21)