

CT-guided ¹²⁵I brachytherapy for hepatocellular carcinoma in high-risk locations after transarterial chemoembolization combined with microwave ablation: a propensity score-matched study

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SUPPLEMENTARY TABLE 1. Multivariate analyses of predictors of overall survival after treatment

Risk factor	Univariate		P value	Multivariate		P value
	HR	95%CI		HR	95%CI	
Sex						
Female	1					
Male	0.509	0.252–1.03	0.060*	0.486	0.238–0.995	0.048**
Age (y)						
≥ 60	1					
< 60	0.731	0.453–1.179	0.199			
Maximum tumor diameter (mm)	1.131	0.593–2.157	0.709			
Tumor number						
1–2	1					
≥ 3	1.472	0.871–2.488	0.149			
BCLC stage						
B	1					
C	2.13	1.165–3.892	0.014**	1.941	1.036–3.634	0.038**
High risk location						
1	1					
2	0.578	0.342–0.978	0.041**	0.657	0.380–1.137	0.134
PVTT						
None						
Yes	2.13	1.328–3.417	0.002**			
Distant metastasis						
None						
Yes	1.353	0.852–2.149	0.200			
TACE sessions	1.039	0.898–1.203	0.609			
MWA sessions	0.910	0.783–1.057	0.217			
Treatment						
TACE+MWA	1					

Risk factor	Univariate			Multivariate		
	HR	95%CI	P value	HR	95%CI	P value
TACE+MWA+I-125	1.075	0.656–1.762	0.775	1.103	0.667–1.827	0.703
Cause of liver disease						
Other	1					
HBV/HCV	1.022	0.443–2.360	0.959			
ECOG score						
1	1					
0	0.910	0.561–1.475	0.389			
AFP (ng/mL)						
Continued						
≤ 400	1					
> 400	1.259	0.746–2.127	0.389			
PT (s)	0.990	0.866–1.131	0.879			
ALB (g/L)	0.970	0.926–1.015	0.190			
continued						
TBIL (μmol/L)	1.006	1.000–1.011	0.037**			
Child-Pugh class						
A	1					
B	1.863	0.919–3.775	0.084*	1.875	0.909–3.868	0.089

AFP = alpha fetoprotein; ALB = albumin; BCLC = Barcelona Clinic Liver Cancer; ECOG = Eastern Cooperative Oncology Group; HBV/HCV = hepatitis B virus / hepatitis C virus; HR = hazard ratio; LB = albumin; MWA = microwave ablation; PT = prothrombin; PVTT = portal vein tumor thrombosis; TACE = transcatheter arterial chemoembolization; TBIL = total bilirubin

*P value ≤ 0.1 in univariate were included in multivariate analysis; **P value ≤ 0.05 was considered to indicate statistical significance in multivariate analysis