

Predictors of complete response at first TACE

Supplementary Table 1. Cox regression of risk factors associated with early recurrence after first TACE

Predictor Variables	Univariate			Multivariate		
	HR	95% CI	P value	HR	95% CI	P value
Age (per year increase)	1.001	0.973-1.029	0.947			
Male (vs. female)	0.791	0.398-1.575	0.791			
Body weight loss (vs. no)	0.658	0.159-2.723	0.563			
Viral infection (vs. non-viral)	1.983	0.613-6.418	0.253			
DM (vs. no)	0.784	0.394-1.560	0.488			
CTP class B (vs. A)	1.124	0.473-2.667	0.791			
Beyond up-to-7 criteria (vs. within)	1.606	0.631-4.088	0.320			
Bilobar tumor extent (vs. unilobar)	1.268	0.607-2.650	0.528			
Macrovascular invasion (vs. no)	3.627	1.605-8.196	0.002	3.113	1.368-7.085	0.001
AAR \geq 1.7 (vs. <1.7)	0.604	0.228-1.793	0.396			
AFP \geq 15 ng/ml (vs. <15 ng/ml)	2.788	1.400-5.551	0.004	2.601	1.300-4.204	0.007
Platelet \geq 150 K/ μ L (vs. <150 K/ μ L)	0.557	0.235-1.422	0.184			
Fever after 1 st TACE (vs. no)	0.640	0.270-1.519	0.311			

Abbreviations: AAR, aspartate aminotransferase to alanine aminotransferase ratio; AFP, alpha-fetoprotein; CTP, Child-Turcotte-Pugh; DM, diabetes mellitus; TACE, transarterial chemoembolization.

Supplementary Table 2. Cox regression of risk factors associated with late recurrence after first TACE

Predictor Variables	Univariate		
	HR	95% CI	P value
Age (per year increase)	0.997	0.973-1.022	0.841
Male (vs. female)	1.257	0.711-2.223	0.432
Body weight loss (vs. no)	0.792	0.247-2.548	0.721
Viral infection (vs. non-viral)	1.380	0.588-3.238	0.460
DM (vs. no)	2.166	1.243-3.774	0.006
CTP class B (vs. A)	0.544	0.196-1.511	0.243
Beyond up-to-7 criteria (vs. within)	1.274	0.456-3.563	0.644
Bilobar tumor extent (vs. unilobar)	1.512	0.756-3.024	0.242
Macrovascular invasion (vs. no)	0.619	0.085-4.501	0.636
AAR \geq 1.7 (vs. <1.7)	0.778	0.332-1.836	0.564
AFP \geq 15 ng/ml (vs. <15 ng/ml)	1.244	0.718-2.157	0.436
Platelet \geq 150 K/ μ L (vs. <150 K/ μ L)	0.992	0.527-1.867	0.979
Fever after 1 st TACE (vs. no)	0.675	0.342-1.333	0.258

Abbreviations: AAR, aspartate aminotransferase to alanine aminotransferase ratio; AFP, alpha-fetoprotein; CTP, Child-Turcotte-Pugh; DM, diabetes mellitus; TACE, transarterial chemoembolization.