Supplementary Table S1. Univariable and Multivariable analyses of predictors of overall survival for 44 patients who underwent extended cholecystectomy.

	Univariate			Multivariate		
	HR	**95% CI**	***p*-Value**	**HR**	**95% CI**	***p*-Value**
Age (years)	1.064	1.013-1.117	0.014	1.465	1.151-1.865	0.002 *
Male sex (vs female)	1.095	0.387-2.15	0.831	92.516	3.97-2155.9	0.005 *
Prothrombin time (INR)	5.972	0.042-858.41	0.481			
Preoperative bilirubin (mg/dL)	1.965	0.944-4.093	0.071			
Preoperative albumin, g/dL	0.565	0.202-1.583	0.278			
Preoperative CA19-9>37 U/mL	9.490	2.053-43.878	0.004			
Postoperative CA19-9 >37 U/mL	7.641	2.571-22.712	<0.001	10.829	0.791-148.2	0.074
Laparoscopic resection (vs open surgery)	0.378	0.138-1.034	0.058			
Liver resection type (ref: no liver resection)			0.047			<0.001 *
Wedge	0.183	0.035-0.953	0.044	0.018	0-1.096	0.055
S4b/5	0.127	0.025-0.654	0.014	0.001	0-0.017	0.004 *
Transfusion	1.710	0.708-4.127	0.233	1193.8	15.451-92245.4	0.001 *
LN metastasis	5.086	1.995-12.965	0.001			
T stage (T3 vs. T1,2)	2.966	1.049-8.383	0.040	36.741	1.993-677.4	0.015 *
Adjuvant chemotherapy	1.005	0.418-2.414	0.992			

* Statistical significant *p*-value(<0.05).