

Table S2. Clinical characteristics at initial presentation

Characteristic	Rupture group(n=14)	Control group(n=42)	P
Gender, n(%)			0.876
Male	8(57.1)	23(54.8)	
Female	6(42.9)	19(45.2)	
Age, m	76.40(29.48,120.20)	71.88 (26.40, 118.52)	0.578
Weight, kg	20.15(12.25,32.53)	21.31 (13.57, 30.12)	0.147
Height, cm	111.00(89.45,129.02)	107.63 (90.58, 123.48)	0.364
Blood type, n (%)			0.287
A	5 (35.7)	10 (23.8)	
B	2 (14.3)	10 (23.8)	
AB	5 (35.7)	13 (31.0)	
O	2 (14.3)	9 (21.4)	
Alpha-fetoprotein, ng/ml	351,456 (44,000,781,455)	392,711 (42,817,801,741)	0.740
Hemoglobin, g/L	80.00 (60.00, 100.00)	103.00 (100.00, 115.00)	0.032
White blood cell count, 10 ⁹ /L	10.61 (9.19, 14.31)	10.47 (7.54, 12.08)	0.363
Platelet count, 10 ⁹ /dL	167.00 (76.33)	175.55 (75.22)	0.897
Alanine aminotransferase, U/L	20.00 (16.00, 29.00)	24.50 (18.00, 39.75)	0.519
Aspartate aminotransferase, U/L	22.00 (13.00, 39.75)	27.00 (15.00, 42.75)	0.430
Alkaline phosphatase, U/L	76.50 (57.00, 88.75)	80.00 (61.00, 98.15)	0.350
γ-glutamyl transferase, U/L	17.00 (10.75, 39.25)	19.55 (12.00, 37.50)	0.711
Total bilirubin, μmol	8.20 (2.44, 10.90)	7.30 (2.85, 9.65)	0.756
Direct bilirubin, μmol	3.02 (1.32, 4.90)	3.30 (1.85, 4.65)	0.580

Albumin, g/L	40.40 (28.65, 44.85)	46.90 (42.13, 48.30)	0.052
Serum creatinine, μ mol	18.00 (14.00, 26.75)	21.00 (15.23, 34.08)	0.101
Blood urea nitrogen, mmol/L	4.08 (3.20, 5.53)	4.25 (3.35, 5.68)	0.102
International normalized ratio	1.40 (1.14, 1.67)	1.26 (1.09, 1.53)	0.291
Child-Pugh Grade, n(%)			0.612
A	13 (92.9)	35 (83.3)	
B	1 (7.1)	7 (16.7)	
C	0 (0)	0 (0)	
Tumor site, n(%)			0.024
Left hepatic lobe	1 (7.1)	15(35.7)	
Right hepatic lobe	0 (0)	8(19.1)	
Left hepatic lobe/right anterior section	2 (14.3)	6(14.2)	
Right hepatic lobe/left medial section	7 (50.0)	8(19.1)	
Both left and right hepatic lobes are involved	4 (28.6)	5(11.9)	
Maximum diameter of primary tumor, cm	14.00 (10.88, 15.45)	10.55 (8.31, 12.15)	< 0.001
Histopathology, n (%)			0.938
Epithelial variants	8 (57.2)	24 (57.1)	
Mixed epithelial and mesenchymal	5 (35.7)	16 (38.1)	
Uncertain	1 (7.1)	2 (4.8)	

PRETEXT staging, n (%)			0.019
I	0 (0)	8 (19.1)	
II	1 (7.1)	15 (35.7)	
III	9 (64.3)	14 (33.3)	
IV	4 (28.6)	5 (11.9)	
Macrovascular invasion, n (%)			0.003
Yes	10 (71.4)	10 (23.8)	
No	4 (28.6)	32 (76.2)	

Values are median (interquartile range) unless otherwise indicated. Laboratory data were obtained at initial presentation before emergency intervention or chemotherapy.