

Supplemental Table 1						
Variable	Odds Ratio		p-value			
lesion number (reference = solitary)	Multiple	1.31, 95%-CI: [0.57; 2.91]	0.51			
	Diffuse	3.26, 95%-CI: [0.99; 10.77]	0.05			
lesion size (in cm) (continuous)		1.11, 95%-CI: [1.01; 1.22]	0.04			
Depth location (in cm) (continuous)		1.16, 95%-CI: [1.04; 1.31]	0.01			
Lesion echogenicity (reference = Hyperechoic)	Isoechoic	1.46, 95%-CI: [0.65; 3.2]	0.35			
	Hypoechoi c	0.44, 95%-CI: [0.13; 1.22]	0.14			
macro-invasion of the liver vessels		0.7, 95%-CI: [0.19; 2.34]	0.58			
portal vein thrombosis		3.42, 95%-CI: [1.04; 10.72]	0.04			

Supplemental Table 1 shows the results of the multivariable logistic regression analysis for tumour characteristics with p < 0.1. Lesion size and depth location were included as continuous variables.



Supplemental Table 2

CEUS LI-RADS category	Number of HCCs (n; %)
CEUS LR-1	1 (2.2%)
CEUS LR-2	0
CEUS LR-3	12 (26.7%)
CEUS LR-4	22 (48.9%)
CEUS LR-5	0
CEUS LR-M	6 (13.3%)
CEUS LR-TIV	3 (0.7%)
CEUS LR-NC	1 (2.2%)

Supplemental Table 2 shows the classification of HCCs with no APHE according to CEUS LI-RADS (n=45).

HCC, hepatocellular carcinoma; APHE, arterial phase hyperenhancement; CEUS LI-RADS, Contrast-Enhanced UltraSound Liver Imaging Reporting and Data System.

Supplemental Table 3: Tumour characteristics of HCCs according to histological grading							
	G1 HCC	G2 HCC	G3 HCC	Total	p-value*		
	(n=71)	(n=173)	(n=51)	(n=295**)			
Lesion number					0.1188		
Solitary	44 (62%)	109 (63%)	34 (66.7%)	187 (63.4%)			
Multiple	25 (35.2%)	49 (28.3%)	10 (19.6%)	84 (28.5%)			
Diffuse	2 (2.8%)	15 (8.7%)	7 (13.7%)	24 (8.1%)			
Lesion size					0.07736		
≤ 5 cm	48 (67.6%)	117 (67.6%)	26 (51%)	191 (64.7%)			
>5 cm	23 (32.4%)	56 (32.4%)	25 (49%)	104 (35.3%)			
Depth location					0.925		
Depth ≤ 5 cm	30 (42.3%)	73 (42.2%)	20 (39.2%)	123 (41.7%)			
Depth > 5 cm	41 (57.7%)	100 (57.8%)	31 (60.8%)	172 (58.3%)			
Macro-invasion of	5 (7%)	27 (15.6%)	9 (17.6%)	41 (13.9)	0.1488		
liver vessels (B-							
mode, colour-							
mode)							
Bland portal vein	2 (2.8%)	23 (13.3%)	6 (11.8%)	31 (10.5%)	0.03517		
thrombosis							
Enhancing tumour	2 (2.8%)	15 (8.7%)	2 (3.9%)	19 (6.4%)	0.1059		
thrombus							

^{*} Pearson's Chi-squared test or Fisher's Exact Test for low frequencies

^{**} patients with no histological grading available (n=21) were excluded.