

Supplementary Table 1. Contrast-enhanced ultrasonography performed using Sonazoid protocol

Imaging protocol and US setting	Details
Imaging protocol	
Intravenous access	Antecubital or forearm
Contrast	One vial of Sonazoid (16 µg of perfluorobutane) dissolved in 2 mL of water
Contrast injection	Bolus injection of 0.015 mL/kg body weight with 10-mL saline flush
Contrast US setting	
Scanning view	Dual view (gray scale and contrast mode)
Mechanical index	0.20–0.26
Dynamic range	60–65 dB
Location of the beam focus	Posterior margin of the liver
Contrast harmonic imaging	Used
Vascular phase	Arterial (10–40 s), portal venous (60–90 s), late (3–4 min) after contrast injection
Kupffer phase	10–15 min after contrast injection

Supplementary Table 2. CT/MRI LI-RADS categories for 31 histologically proven lesions

Histological diagnosis	LR-M (n=2)	LR-3 (n=7)	LR-4 (n=8)	LR-5 (n=14)	P-value
CT/MRI LI-RADS category					
HCC (n=23)	1	3	7	12	0.106
Non-HCC (n=8)	1	4	1	2	
FNH-like nodule	–	2	–	1	
RN	–	1	–	–	
Hepatocellular nodule with fatty change	–	–	1	–	
Lymphoid hyperplasia	–	1	–	–	
Sclerosing hemangioma	1	–	–	–	
Old and fresh hemorrhage	–	–	–	1	
CEUS/modified CEUS LI-RADS category					
HCC (n=23)	0	3	2	18	0.100
Non-HCC (n=8)	1	3	1	3	
FNH-like nodule	–	1	1	1	
RN	–	1	–	–	
Hepatocellular nodule with fatty change	–	1	–	–	
Lymphoid hyperplasia	–	–	–	1	
Sclerosing hemangioma	1	–	–	–	
Old and fresh hemorrhage	–	–	–	1	

CT, computed tomography; MRI, magnetic resonance imaging; LI-RADS (LR), Liver Imaging Reporting and Data System; HCC, hepatocellular carcinoma; FNH, focal nodular hyperplasia; RN, regenerative nodule; CEUS, contrast-enhanced ultrasound.