

Supplementary Table 1. Detailed search strategy for PICO

Search strategy	
	Ovid MEDLINE(R) Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Ovid MEDLINE(R) Daily and Ovid MEDLINE(R) <1946 to Present>
1	"Liver Neoplasms" and "Radiology Information Systems" (554)
2	("liver imaging reporting and data system" or LI-RADS or LIRADS or LR-M or LRM).tw. (595)
3	1 or 2 (1112)
4	"Contrast Enhanced Ultrasound".tw, (4366)
5	(Ultrasound or "Contrast Enhanced US" or CEUS).tw. (245172)
6	4 or 5 (248802)
7	3 and 6 (101)
8	3 and 6 from 2016 to 2020 (71)
	EMBASE Classic+ EMBASE <1947 to 2020 July 23>
1	'liver imaging reporting and data system' (324)
2	LI-RADS or LIRADS or LR-M or LRM (977)
3	1 or 2 (1012)
4	'Contrast Enhanced Ultrasound' (7779)
5	(Ultrasound or 'Contrast Enhanced US' or CEUS) (502035)
6	4 or 5 (502035)
7	3 and 6 (122)
8	3 and 6 from 2016 to 2020 (114)

PICO, patient, intervention, comparison, outcome; LI-RADS, Liver Imaging Reporting and Data System; LR-M, Liver Imaging Reporting and Data System category M; US, ultrasonography; CEUS, contrast-enhanced ultrasonography.