

Supplementary Table 1 Search strategy used in the various databases

Database	Search terms
PubMed	(("Cholangiocarcinoma"[MeSH Terms] OR "Cholangiocarcinoma"[Title/Abstract] OR "Cholangiocarcinoma"[Other Term] OR "cholangiocellular ca*"[Title/Abstract] OR "cholangiocellular ca*"[Other Term] OR "Klatskin"[Title/Abstract] OR "Klatskin"[Other Term]) AND ("hepatectomy"[Title/Abstract] OR "hepatectomy"[Other Term] OR "segmentectomy"[Title/Abstract] OR "segmentectomy"[Other Term] OR "liver resection"[Title/Abstract] OR "liver resection"[Other Term] OR "hepatectomy"[MeSH Terms] OR "wedge"[Title/Abstract] OR "wedge"[Other Term] OR "hepatic resection"[Title/Abstract] OR "hepatic resection"[Other Term]) AND ("Hepatitis C"[MeSH Terms] OR "hepacivirus"[MeSH Terms] OR "Hepatitis C"[Title/Abstract] OR "Hepatitis C"[Other Term] OR "HCV"[Title/Abstract] OR "HCV"[Other Term] OR "Hepacivirus C"[Title/Abstract] OR "Hepacivirus C"[Other Term]))
Embase	('bile duct carcinoma'/exp OR 'bile duct carcinoma') AND ('hepatitis c'/exp OR 'hepatitis c') AND ('hepatectomy'/exp OR 'hepatectomy')
Scopus	(TITLE-ABS-KEY (cholangiocarcinoma) OR TITLE-ABS-KEY (bile AND duct AND carcinoma) OR TITLE-ABS-KEY (bile AND duct AND cancer) OR TITLE-ABS-KEY (klatskin) OR TITLE-ABS-KEY (cholangiocellular AND cancer)) AND (TITLE-ABS-KEY (hepatectomy) OR TITLE-ABS-KEY (liver AND resection) OR TITLE-ABS-KEY (segmentectomy) OR TITLE-ABS-KEY (wedge) OR TITLE-ABS-KEY (hepatic AND resection)) AND (TITLE-ABS-KEY (hepatitis AND c) OR TITLE-ABS-KEY (hcv) OR TITLE-ABS-KEY (hepacivirus AND c))

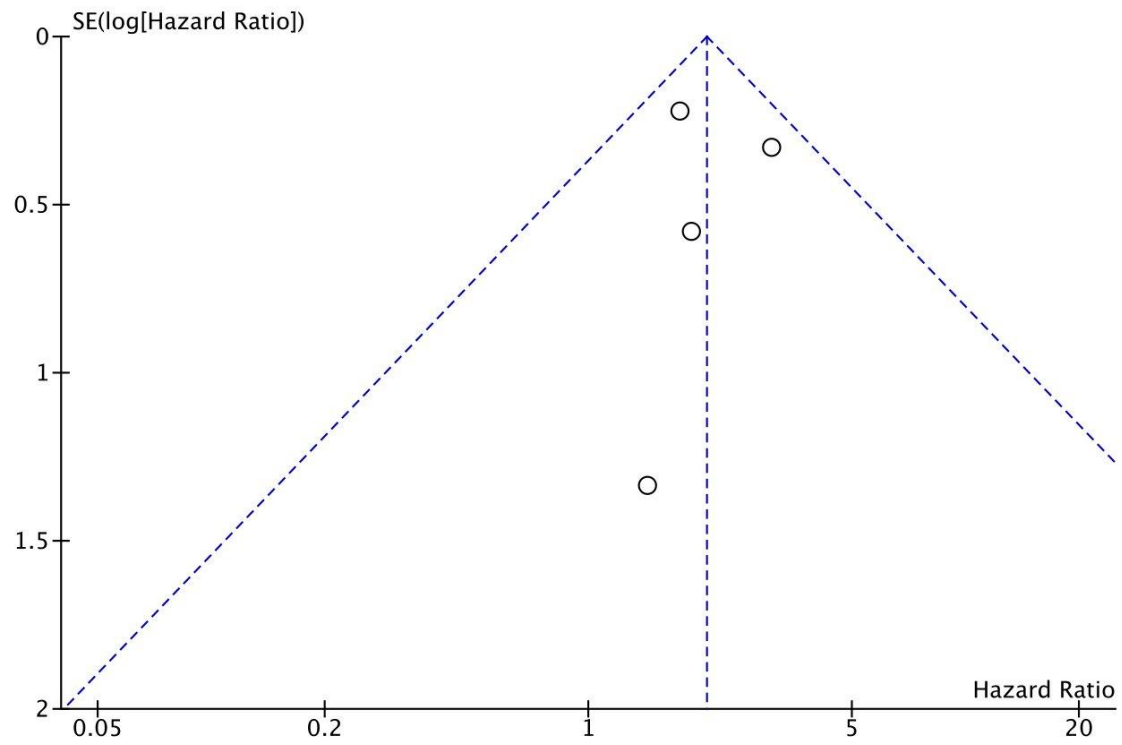
The Cochrane Library	((MeSH descriptor: [Cholangiocarcinoma] explode all trees) OR ((cholangiocarcinoma):ti,ab,kw) OR ((bile duct cancer):ti,ab,kw) OR ((klatskin):ti,ab,kw)) AND ((MeSH descriptor: [Hepatectomy] explode all trees) OR ((hepatectomy):ti,ab,kw) OR ((liver resection):ti,ab,kw) OR ((segmentectomy):ti,ab,kw) OR ((wedge):ti,ab,kw)) AND ((MeSH descriptor: [Hepatitis C] explode all trees) OR ((hepatitis C):ti,ab,kw) OR ((HCV):ti,ab,kw))
----------------------------	--

Supplementary Table 2 Modified Newcastle-Ottawa score of all included studies

First author	Selection				Comparability	Outcome			Total ¹
	Representativeness of exposed cohort	Selection of non-exposed cohort	Ascertainment of exposure	Demonstration that outcome of interest was not present at start of study	Comparability of cohorts based on design or analysis	Assessment of outcomes	Was follow-up long enough for outcomes to occur	Adequacy of follow-up of cohorts	
Hai et al	1	1	1	1	1	1	1	1	8
Kaibori et al	1	1	1	1	2	1	1	1	9
Uenishi et al	1	1	1	1	2	1	1	1	9
Cai et al	1	1	1	1	1	1	1	1	8
Ariizumi et al	1	1	1	1	1	1	1	1	8
Yang et	1	1	1	1	2	1	0	0	7

al									
Terakawa et al	1	1	1	1	1	1	1	1	8

¹Quality score of < 3: Low quality of evidence, 3-6: Moderate quality of evidence, ≥ 7: High quality of evidence.



Supplementary Figure 1 Funnel plots of included studies reporting overall survival.