

Supplementary table1. Full search strategy for all databases

Database	Full search strategy
EMBASE	#1 'liver cell carcinoma'/exp #2 'liver neoplasms':ti,ab OR 'liver neoplasm':ti,ab OR 'hepatic neoplasms':ti,ab OR 'hepatic neoplasm':ti,ab OR 'cancer of liver':ti,ab OR 'hepatocellular cancer':ti,ab OR 'hepatocellular cancers':ti,ab OR 'hepatic cancer':ti,ab OR 'hepatic cancers':ti,ab OR 'liver cancer':ti,ab OR 'liver cancers':ti,ab OR 'cancer of the liver':ti,ab OR 'hepatocellular carcinomas':ti,ab OR 'adult liver cancer':ti,ab OR 'adult liver cancers':ti,ab OR 'liver cell carcinoma':ti,ab OR 'liver cell carcinomas':ti,ab OR 'hepatocellular carcinoma':ti,ab OR 'hepatoma':ti,ab OR 'hepatomas':ti,ab OR 'hepatic carcinoma':ti,ab OR hcc:ti,ab #3 #1 OR #2 #4 'response evaluation criteria in solid tumors'/exp #5 recist #6 #4 OR #5 #7 #3 AND #6
Pubmed	#1 (((Hepatic carcinoma[Title/Abstract]) OR (HCC[Title/Abstract])) OR (((((((((((((((Carcinomas, Hepatocellular[Title/Abstract]) OR (Hepatocellular Carcinomas[Title/Abstract])) OR (Liver Cell Carcinoma, Adult[Title/Abstract])) OR (Liver Cancer, Adult[Title/Abstract])) OR (Adult Liver Cancer[Title/Abstract])) OR (Adult Liver Cancers[Title/Abstract])) OR (Cancer, Adult Liver[Title/Abstract])) OR (Cancers, Adult Liver[Title/Abstract])) OR (Liver Cancers, Adult[Title/Abstract])) OR (Liver Cell Carcinoma[Title/Abstract])) OR (Carcinoma, Liver Cell[Title/Abstract])) OR (Carcinomas, Liver Cell[Title/Abstract])) OR (Cell Carcinoma, Liver[Title/Abstract])) OR (Cell Carcinomas, Liver[Title/Abstract])) OR (Liver Cell Carcinomas[Title/Abstract])) OR (Hepatocellular Carcinoma[Title/Abstract])) OR (Hepatoma[Title/Abstract])) OR (Hepatomas[Title/Abstract])) OR (((((((((((((((Neoplasms, Hepatic[Title/Abstract]) OR (Neoplasms, Liver[Title/Abstract])) OR (Liver Neoplasm[Title/Abstract])) OR (Neoplasm, Liver[Title/Abstract])) OR (Hepatic Neoplasms[Title/Abstract])) OR (Hepatic Neoplasm[Title/Abstract])) OR (Neoplasm, Hepatic[Title/Abstract])) OR (Cancer of Liver[Title/Abstract])) OR (Hepatocellular Cancer[Title/Abstract])) OR (Cancers, Hepatocellular[Title/Abstract])) OR (Hepatocellular Cancers[Title/Abstract])) OR (Hepatic Cancer[Title/Abstract])) OR (Cancer, Hepatic[Title/Abstract])) OR (Cancers, Hepatic[Title/Abstract])) OR (Hepatic Cancers[Title/Abstract])) OR (Liver Cancer[Title/Abstract])) OR (Cancer, Liver[Title/Abstract])) OR (Cancers, Liver[Title/Abstract])) OR (Liver Cancers[Title/Abstract])) OR (Cancer of the Liver[Title/Abstract])) OR (Cancer, Hepatocellular[Title/Abstract])) OR (("Liver Neoplasms"[Mesh]) OR "Carcinoma, Hepatocellular"[Mesh]) #2 (RECIST) OR ("Response Evaluation Criteria in Solid Tumors"[Mesh]) #3 #1 AND #2
Web of Science	#1 TS=(LiverNeoplasms OR Neoplasms, Hepatic OR Neoplasms, Liver OR Liver Neoplasm OR Neoplasm, Liver OR Hepatic Neoplasms OR Hepatic Neoplasm OR Neoplasm, Hepatic OR Cancer of Liver OR Hepatocellular Cancer OR Cancers, Hepatocellular OR Hepatocellular Cancers OR Hepatic Cancer OR Cancer, Hepatic OR Cancers, Hepatic OR Hepatic Cancers OR Liver Cancer OR Cancer, Liver OR Cancers, Liver OR Liver Cancers OR Cancer of the L

	iver OR Cancer, Hepatocellular OR Carcinoma, Hepatocellular OR Carcinomas, Hepatocellular OR Hepatocellular Carcinomas OR Liver Cell Carcinoma, Adult OR Liver Cancer, Adult OR Adult Liver Cancer OR Adult Liver Cancers OR Cancer, Adult Liver OR Cancers, Adult Liver OR Liver Cancers, Adult OR Liver Cell Carcinoma OR Carcinoma, Liver Cell OR Carcinomas, Liver Cell OR Cell Carcinoma, Liver OR Cell Carcinomas, Liver OR Liver Cell Carcinomas OR Hepatocellular Carcinoma OR Hepatoma OR Hepatomas OR Hepatic carcinoma OR HCC) #2TS=(Response Evaluation Criteria in Solid Tumors OR RECIST) #3 #1AND #2
Cochrane Library	#1 MeSH descriptor: [Liver Neoplasms] explode all trees #2 (Liver Neoplasms):ti,ab,kw OR (Liver Neoplasm):ti,ab,kw OR (Hepatic Neoplasms):ti,ab,kw OR (Hepatic Neoplasm):ti,ab,kw OR (Cancer of Liver):ti,ab,kw #3 (Hepatocellular Cancer):ti,ab,kw OR (Hepatocellular Cancers):ti,ab,kw OR (Hepatic Cancer):ti,ab,kw OR (Liver Cancer):ti,ab,kw OR (Liver Cancers):ti,ab,kw #4 (Cancer of the Liver):ti,ab,kw OR (Hepatocellular Carcinomas):ti,ab,kw OR (Liver Cell Carcinoma, Adult):ti,ab,kw OR (Adult Liver Cancer):ti,ab,kw OR (Adult Liver Cancers):ti,ab,kw #5 (Liver Cell Carcinoma):ti,ab,kw OR (Liver Cell Carcinomas):ti,ab,kw OR (Hepatocellular Carcinoma):ti,ab,kw OR (Hepatoma):ti,ab,kw OR (Hepatomas):ti,ab,kw #6 (Hepatic carcinoma):ti,ab,kw OR (HCC):ti,ab,kw #7 #1 or #2 or #3 or #4 or #5 or #6 #8 MeSH descriptor: [Response Evaluation Criteria in Solid Tumors] explode all trees #9 (RECIST) #10 #8 or #9 #11 #7 and #10