

Supplementary Table 1. Search strategy
Ovid Medline (R) 2010.1.1 to 2023. 06. 30

Search date: 2023. 06. 30

Category	N	Search terms	Results
P- common	1	Hepatitis B virus/ OR Hepatitis B/ OR (chronic hepatitis B or CHB or Hepatitis B virus or Hepatitis B or HBsAg or HBV* or CHV* or viral hepatitis).tw,kw.	125,607
I	2	(Fibroscan or (fibrosis adj2 staging) or elastogra*).tw,kw.	14,545
P&I	3	#1 AND #2	1,232
O-HCC	4	Carcinoma, Hepatocellular/ OR Liver Neoplasms/ OR (Hepatocellular carcinoma or HCC or cirrhosis or liver cancer).tw,kw.	306,165
O	5	“sensitivity and specificity”/ or roc curve/ or (diagnostic accuracy or diagnosis or sensitivity or specificity or probability or predict* or prognosis or cut-off or stiffness or LSM or risk stratification* or progress or prognos*).tw,kw.	5,708,522
P&I &O	6	#3 AND #4 AND #5	569

EMBASE 2010.1.1 to 2023. 06. 30

Search date: 2023. 06.30

Category	N	Search terms	Results
P- common	1	'hepatitis b virus'/exp OR 'hepatitis b'/exp OR ('chronic hepatitis B' or CHB or 'Hepatitis B virus' or 'Hepatitis B' or HBsAg or HBV* or CHV* or 'viral hepatitis'):ab,ti,kw	221,799
I	2	('Fibroscan' or (fibrosis NEAR/2 staging) or elastogra*):ab,ti,kw	26,977
	3	#1 AND #2	3,951
O-HCC	4	'liver cell carcinoma'/exp OR 'liver tumor'/exp OR ('liver cell carcinoma' or HCC or cirrhosis or 'liver tumor'):ab,ti,kw	506,919
O	5	'sensitivity and specificity'/exp or ('diagnostic accuracy' or diagnosis or sensitivity or specificity or probability or predict* or prognosis or cut-off or stiffness or LSM or risk stratification* or progress or prognos*):ab,ti,kw	2,106,471
P&I&O	6	#3 AND #4 AND #5	680

Cochrane library 2010.1.1 to 2023. 06. 30

Search date: 2023. 06. 30

Category	N	Search terms	Results
P- common	1	[mh "Hepatitis B virus"] OR [mh "Hepatitis B"] OR ('chronic hepatitis B' or CHB or 'Hepatitis B virus' or 'Hepatitis B' or HBsAg or HBV* or CHV* or 'viral hepatitis'):ab,ti,kw	15,794
I	2	("Fibroscan" or (fibrosis NEAR/2 staging) or elastogra*):ab,ti,kw	1,464
	3	#1 AND #2	278
O-HCC	4	[mh "Carcinoma, Hepatocellular"] OR [mh "Liver Neoplasms"] OR ("liver cell carcinoma" or HCC or cirrhosis or "liver tumor"):ab,ti,kw	17,285
O	5	[mh "Sensitivity and Specificity"] or ("diagnostic accuracy" or diagnosis or sensitivity or specificity or probability or predict* or prognosis or cut-off or stiffness or LSM or risk stratification* or progress):ab,ti,kw	386,613
P&I&O	6	#3 AND #4 AND #5	82

Supplementary Table 1. Continued

KoreaMed 2010.1.1 to 2023.06.30

Search date: 2023.06.30

Search site	N	Search terms	Results
KoreaMed	1	("Hepatitis B virus"[MH] OR "Hepatitis B"[MH]) OR ("chronic hepatitis B"[ALL] or "CHB"[ALL] or "Hepatitis B virus"[ALL] or "Hepatitis B"[ALL] or "HBsAg"[ALL] or "HBV"[ALL] or "CHV"[ALL] or "viral hepatitis"[ALL])	2,517
	2	("Fibroscan"[ALL] or "fibrosis staging"[ALL] or "elastography"[ALL])	46
	3	("Carcinoma, Hepatocellular"[MH]) OR ("Liver Neoplasms"[MH]) OR ("liver cell carcinoma"[ALL] or "HCC"[ALL] or "cirrhosis"[ALL] or "liver tumor"[ALL])	5,437
	4	("Sensitivity and Specificity"[MH]) or ("diagnostic accuracy"[ALL] or "diagnosis"[ALL] or "sensitivity"[ALL] or "specificity"[ALL] or "probability"[ALL] or "predict"[ALL] or "prognosis"[ALL] or "cut-off"[ALL] or "stiffness"[ALL] or "LSM"[ALL] or "risk stratification"[ALL] or "progress"[ALL])	69,274
	5	#1 AND #2 AND #3 AND #4	14