

Supplementary Table 1. Search strategy

| Search strategy | Database | | |
|--------------------|---|--|--------------------------------|
| | Medline | Embase | KoreaMed |
| Publication date | 1995.1.1–2020.7.31 | 1995.1.1–2020.7.31 | 1995.1.1–2020.7.31 |
| Strategy | #1 AND #2 AND #3 AND #4 | #1 AND #2 AND #3 AND #4 | #1 AND #2 AND #3 AND #4 AND #5 |
| #1 | "carcinoma, hepatocellular"[MeSH Terms] OR ("carcinoma"[All Fields] AND "hepatocellular"[All Fields]) OR "hepatocellular carcinoma"[All Fields] OR ("hepatocellular"[All Fields] AND "carcinoma"[All Fields]) | ('liver cell carcinoma'/exp OR 'liver cell carcinoma') | hepatocellular[ALL] |
| #2 | "liver cirrhosis"[MeSH Terms] OR ("liver"[All Fields] AND "cirrhosis"[All Fields]) OR "liver cirrhosis"[All Fields] OR "cirrhosis"[All Fields] OR "fibrosis"[MeSH Terms] OR "fibrosis"[All Fields] | ('liver cirrhosis'/exp OR 'liver cirrhosis') | carcinoma[ALL] |
| #3 | "hepatectomy"[MeSH Terms] OR "hepatectomy"[All Fields] OR "hepatectomies"[All Fields] | ('liver resection'/exp OR 'liver resection') | cirrhosis[ALL] |
| #4 | "resect"[All Fields] OR "resectability"[All Fields] OR "resectable"[All Fields] OR "resectates"[All Fields] OR "resected"[All Fields] OR "resecting"[All Fields] OR "resection"[All Fields] OR "resectional"[All Fields] OR "resectioned"[All Fields] OR "resectioning"[All Fields] OR "resections"[All Fields] OR "resective"[All Fields] OR "resects"[All Fields] | ([article]/lim OR [article in press]/lim) | hepatectomy[ALL] |
| #5 | | | resection[ALL] |
| Identified records | 1,414 studies were identified | 1,565 studies were identified | 39 studies were identified |