

The initial search concepts will be 'end stage renal disease', 'dialysis', 'liver disease' and 'outcomes'.

Concept A: ESRD	Concept B: Dialysis	Concept C: Liver Disease	Concept D: Outcomes
"chronic kidney disease" OR "chronic renal failure" OR "end stage kidney disease" OR "end stage renal failure" OR "renal insufficiency"	"renal replacement therapy" OR "dialysis" OR "hemodialysis" OR "haemodialysis" OR "hemofiltrat*" OR "haemofiltrat*" OR 'peritoneal dialysis'	"NASH" OR "NAFLD" OR "non-alcoholic steatohepatitis" OR "non- alcoholic fatty liver disease" OR "fatty liver" OR: "liver fat" OR "steatosis" OR "liver enzymes" OR "transamin*" OR "ALT" OR "alanine aminotransferase" OR "GGT" or "gamma-glutamyl transferase" OR "severity of liver disease" OR "fibrosis" OR "hepatitis" OR "cirrhosis"	"survival" OR "survival analysis" OR "morbidity" OR "comorbidity" OR "multimorbidity" OR "mortality" OR "fatality" OR "prognosis" OR "deaths" OR "prevalence" OR "incidence" OR "complications" OR "hospitalisations"

Full copies of articles identified by the search and considered to meet the inclusion criteria, based on their title, abstract and subject descriptors will be obtained for data synthesis. Duplicated studies obtained during the search process will be removed prior to critical appraisal for inclusion in the systematic review. Articles identified through reference list searches will also be considered for inclusion based on their title. At least two reviewers will independently select articles against the specified inclusion criteria. Any discrepancies observed in reviewer selections will be resolved by a third reviewer prior to retrieval and analysis of the selected articles.