Database	Search Terms Used	Filters Applied
PubMed/MEDLINE	((("Troponin I"[Mesh] OR "troponin I"[tiab]) AND ("high sensitivity"[tiab] OR "high-sensitivity"[tiab] OR "high sensitive"[tiab] OR "high-sensitive"[tiab] OR "highly sensitive"[tiab])) OR "hs-cTnI"[tiab] OR hscTnI[tiab] OR "hs-TnI"[tiab] OR hsTnI[tiab]) AND ("Renal Insufficiency"[Mesh] OR "Renal Dialysis"[Mesh] OR "chronic kidney disease"[tiab] OR CKD[tiab] OR "renal dysfunction"[tiab] OR "renal impairment"[tiab] OR "renal insufficiency"[tiab] OR "kidney dysfunction"[tiab] OR "kidney impairment"[tiab] OR "kidney failure"[tiab] OR "renal failure"[tiab] OR ESRD[tiab] OR ESKD[tiab] OR dialysis[tiab] OR hemodialysis[tiab] OR haemodialysis[tiab] OR eGFR[tiab]) AND ("Myocardial Infarction"[Mesh] OR "Acute Coronary Syndrome"[Mesh] OR "myocardial infarction"[tiab] OR "acute coronary syndrome"[tiab] OR AMI[tiab] OR NSTEMI[tiab] OR "NSTE-AMI"[tiab] OR "NSTE-ACS"[tiab]) AND english[lang] AND ("1800/01/01"[Date - Publication] : "2026/08/21"[Date - Publication])	English; Humans; up to 21 August 2026
EMBASE	('troponin i'/exp OR 'troponin i':ti,ab,kw OR 'hs-ctni':ti,ab,kw OR hsctni:ti,ab,kw OR 'hs-tni':ti,ab,kw) AND ('chronic kidney disease':ti,ab,kw OR ckd:ti,ab,kw OR 'renal dysfunction':ti,ab,kw OR 'renal impairment':ti,ab,kw OR 'renal insufficiency':ti,ab,kw OR 'kidney dysfunction':ti,ab,kw OR 'kidney impairment':ti,ab,kw OR 'kidney failure':ti,ab,kw OR 'renal failure':ti,ab,kw OR esrd:ti,ab,kw OR eskd:ti,ab,kw OR dialysis:ti,ab,kw OR hemodialysis:ti,ab,kw OR haemodialysis:ti,ab,kw OR egfr:ti,ab,kw) AND ('myocardial infarction'/exp OR 'acute coronary syndrome'/exp OR 'myocardial infarction':ti,ab,kw OR 'acute coronary syndrome':ti,ab,kw OR ami:ti,ab,kw OR nstemi:ti,ab,kw OR 'nste-ami':ti,ab,kw OR 'nste-acs':ti,ab,kw)	English; Humans; up to 21 August 2026
Cochrane Library	("troponin I" OR "hs-cTnI" OR hscTnI OR "hs-TnI"):ti,ab,kw AND ("chronic kidney disease" OR CKD OR "renal dysfunction" OR "renal impairment" OR "renal insufficiency" OR "kidney dysfunction" OR "kidney impairment" OR "kidney failure" OR "renal failure" OR ESRD OR ESKD OR dialysis OR hemodialysis OR haemodialysis OR eGFR):ti,ab,kw AND ("myocardial infarction" OR "acute coronary syndrome" OR AMI OR NSTEMI OR "NSTE-AMI" OR "NSTE-ACS"):ti,ab,kw	No language or publication-type restrictions; up to 21 August 2026
Web of Science Core Collection	TS=(("troponin I" AND ("high sensitivity" OR "high-sensitivity" OR "high sensitive" OR "high-sensitive" OR "highly sensitive")) OR "hs-cTnI" OR hscTnI OR "hs-TnI" OR hsTnI) AND TS=("chronic kidney disease" OR CKD OR "renal dysfunction" OR "renal impairment" OR "renal insufficiency" OR "kidney dysfunction" OR "kidney impairment" OR "kidney failure" OR "renal failure" OR ESRD OR ESKD OR dialysis OR hemodialysis OR haemodialysis OR eGFR) AND TS=("myocardial infarction" OR "acute coronary syndrome" OR AMI OR NSTEMI OR "NSTE-AMI" OR "NSTE-ACS")	No language or publication-type restrictions; up to 21 August 2026