

B.2 Health Economics literature search strategy

Health economic evidence was identified by applying filters to the clinical literature search strategy in Medline and Embase. The following databases were also searched: Econlit (Ovid) NHS Economic Evaluation Database (NHS EED - this ceased to be updated after 31st March 2015), Health Technology Assessment database (HTA - this ceased to be updated from 31st March 2018) and The International Network of Agencies for Health Technology Assessment (INAHTA)

Table 9: Database parameters, filters and limits applied

Database	Dates searched	Search filters and limits applied
Medline (OVID)	Health Economics 1 January 2013–19 February 2024	Health economics studies Exclusions (animal studies, letters, comments, editorials, case studies/reports,)
		English language
Embase (OVID)	Health Economics 1 January 2014 – 19 February 2024	Health economics studies Exclusions (animal studies, letters, comments, editorials,

Database	Dates searched	Search filters and limits applied
		case studies/reports, conference abstracts) English language
NHS Economic Evaluation Database (NHS EED) (Centre for Research and Dissemination - CRD)	Inception –31 st March 2015	
Health Technology Assessment Database (HTA) (Centre for Research and Dissemination – CRD)	Inception – 31 st March 2018	
The International Network of Agencies for Health Technology Assessment (INAHTA)	Inception - 19 February 2024	English language
Econlit (Ovid)	Inception - 19 February 2024	

Medline (Ovid) search terms

1.	exp Acute Kidney Injury/
2.	((acute or early) adj1 (kidney or renal) adj2 (failure* or injur* or insufficien* or dysfunction* or impair* or damag* or trauma* or necrosis)).tw.
3.	((acute or early) and (kidney or renal) and (failure* or injur* or insufficien* or dysfunction* or impair* or damag* or trauma* or necrosis)).kf.
4.	or/1-3
5.	exp Contrast Media/
6.	Iodine/
7.	5 and 6
8.	((contrast or radio* or media or intraven* or intraart* or intra-art*) adj4 iodine*).tw.
9.	((contrast or radio* or media or intraven* or intraart* or intra-art*) and iodine*).kf.
10.	or/7-9
11.	glomerular filtration rate/
12.	(glomerular adj1 filtrat*).tw.
13.	(glomerular and filtrat*).kf.
14.	(egfr or gfr).tw,kf.
15.	or/11-14
16.	4 and (10 or 15)
17.	letter/ or editorial/ or news/ or exp historical article/ or anecdotes as topic/ or comment/ or case reports/
18.	(letter or comment*).ti.
19.	17 or 18
20.	randomized controlled trial/ or random*.ti,ab.
21.	19 not 20
22.	animals/ not humans/
23.	exp Animals, Laboratory/
24.	exp Animal Experimentation/
25.	exp Models, Animal/
26.	exp Rodentia/
27.	(rat or rats or mouse or mice or rodent*).ti.
28.	or/21-27
29.	16 not 28
30.	Economics/

31.	Value of life/
32.	exp "Costs and Cost Analysis"/
33.	exp Economics, Hospital/
34.	exp Economics, Medical/
35.	Economics, Nursing/
36.	Economics, Pharmaceutical/
37.	exp "Fees and Charges"/
38.	exp Budgets/
39.	budget*.ti,ab.
40.	cost*.ti.
41.	(economic* or pharmaco?economic*).ti.
42.	(price* or pricing*).ti,ab.
43.	(cost* adj2 (effective* or utilit* or benefit* or minimi* or unit* or estimat* or variable*).ab.
44.	(financ* or fee or fees).ti,ab.
45.	(value adj2 (money or monetary)).ti,ab.
46.	or/30-45
47.	exp Models, Economic/
48.	*Models, Theoretical/
49.	*Models, Organizational/
50.	markov chains/
51.	monte carlo method/
52.	exp Decision Theory/
53.	(markov* or monte carlo).ti,ab.
54.	econom* model*.ti,ab.
55.	(decision* adj2 (tree* or analy* or model*)).ti,ab.
56.	Or/47-55
57.	46 or 56
58.	29 and 57
59.	limit 58 to english language/

Embase (Ovid) search terms

1.	exp acute kidney failure/
2.	((acute or early) adj1 (kidney or renal) adj2 (failure* or injur* or insufficien* or dysfunction* or impair* or damag* or trauma* or necrosis)).tw.
3.	((acute or early) and (kidney or renal) and (failure* or injur* or insufficien* or dysfunction* or impair* or damag* or trauma* or necrosis)).kf.
4.	or/1-3
5.	iodinated contrast medium/
6.	((contrast or radio* or media or intraven* or intraart* or intra-art*) adj4 iodin*).tw.
7.	((contrast or radio* or media or intraven* or intraart* or intra-art*) and iodin*).kf.
8.	or/5-7
9.	exp glomerulus filtration rate/
10.	(glomerular adj1 filtrat*).tw.
11.	(glomerular and filtrat*).kf.
12.	(egfr or gfr).tw,kf.
13.	or/9-12
14.	4 and (8 or 13)
15.	letter.pt. or letter/
16.	note.pt.
17.	editorial.pt.
18.	case report/ or case study/
19.	(letter or comment*).ti.
20.	(conference abstract* or conference review or conference paper or conference proceeding).db,pt,su.
21.	or/15-20
22.	randomized controlled trial/ or random*.ti,ab.
23.	21 not 22

24.	animal/ not human/
25.	nonhuman/
26.	exp Animal Experiment/
27.	exp Experimental Animal/
28.	animal model/
29.	exp Rodent/
30.	(rat or rats or mouse or mice or rodent*).ti.
31.	or/23-30
32.	14 not 31
33.	Health economics/
34.	exp health care cost/
35.	exp Fee/
36.	exp Budget/
37.	Funding/
38.	budget*.ti,ab.
39.	cost*.ti.
40.	(economic* or pharmaco?economic*).ti.
41.	(price* or pricing*).ti,ab.
42.	(cost* adj2 (effective* or utilit* or benefit* or minimi* or unit* or estimat* or variable*)).ab.
43.	(financ* or fee or fees).ti,ab.
44.	(value adj2 (money or monetary)).ti,ab.
45.	or/33-44
46.	statistical model/
47.	exp economic aspect/
48.	14 and 15
49.	*theoretical model/
50.	*nonbiological model/
51.	stochastic model/
52.	decision theory/
53.	decision tree/
54.	monte carlo method/
55.	(markov* or monte carlo).ti,ab.
56.	econom* model*.ti,ab.
57.	(decision* adj2 (tree* or analy* or model*)).ti,ab.
58.	or/46-58
59.	45 or 58
60.	limit 59 to english language/

NHS EED and HTA (CRD) search terms

#1.	MeSH DESCRIPTOR Acute Kidney Injury EXPLODE ALL TREES
#2.	(((acute or early) adj1 (kidney or renal) adj2 (failure* or injur* or insufficien* or dysfunction* or impair* or damag* or trauma* or necrosis)))
#3.	#1 OR #2
#4.	MeSH DESCRIPTOR Contrast Media EXPLODE ALL TREES
#5.	MeSH DESCRIPTOR Iodine EXPLODE ALL TREES
#6.	#4 AND #5
#7.	(((contrast or radio* or media or intraven* or intraart* or intra-art*) adj4 iodin*))
#8.	#6 OR #7
#9.	MeSH DESCRIPTOR Glomerular Filtration Rate EXPLODE ALL TREES
#10.	((glomerular adj1 filtrat*))
#11.	(egfr or gfr)
#12.	#9 OR #10 OR #11
#13.	#8 OR #12

#14.	#3 and #13
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INAHTA search terms

#1.	"Acute Kidney Injury"[mhe]
#2.	((acute or early) and (kidney or renal) and (failure* or injur* or insufficien* or dysfunction* or impair* or damag* or trauma* or necrosis))[Title] OR ((acute or early) and (kidney or renal) and (failure* or injur* or insufficien* or dysfunction* or impair* or damag* or trauma* or necrosis))[abs]
#3.	#1 OR #2
#4.	"Contrast Media"[mhe]
#5.	"Iodine"[mhe]
#6.	#4 AND #5
#7.	((contrast or radio* or media or intraven* or intraart* or intra-art*) and iodin*)[Title] OR ((contrast or radio* or media or intraven* or intraart* or intra-art*) and iodin*)[abs]
#8.	#6 or #7
#9.	"Glomerular Filtration Rate"[mhe]
#10.	(glomerular and filtrat*)[Title] OR (glomerular and filtrat*)[abs]
#11.	(egfr or gfr)[Title] OR (egfr or gfr)[abs]
#12.	#9 OR #10 OR #11
#13.	#8 OR #12
#14.	#3 AND #13

Econlit (Ovid)search terms

1.	((acute or early) adj1 (kidney or renal) adj2 (failure* or injur* or insufficien* or dysfunction* or impair* or damag* or trauma* or necrosis)).tw.
2.	[((acute or early) and (kidney or renal) and (failure* or injur* or insufficien* or dysfunction* or impair* or damag* or trauma* or necrosis)).kf.]
3.	or/1-2
4.	(contrast or radio* or media or intraven* or intraart* or intra-art*) adj4 iodin*).tw.
5.	[((contrast or radio* or media or intraven* or intraart* or intra-art*) and iodin*).kf.]
6.	or/4-5
7.	(glomerular adj1 filtrat*).tw.
8.	[(glomerular and filtrat*).kf.]
9.	[(egfr or gfr).tw,kf.]
10.	or/7-9
11.	(6 or 10) and 3