

ESICM literature search

on 31. October 2022 and repeated in February 2025

Database	Number of hits
Cochrane Central	1844
Medline	4232
Embase	13417
Clinical Trials	444
WHO ICTRP	10

Cochrane Central Register of Controlled Trials

Issue 10 of 12, October 2022

Date Run: 23/10/2022 13:41:32

Search Name: ECISM

Date Run: 31/10/2022 08:41:06

ID	Search	Hits
#1	MeSH descriptor: [Diuretics] explode all trees	3282
#2	MeSH descriptor: [Furosemide] explode all trees	1226
#3	MeSH descriptor: [Torsemide] explode all trees	106
#4	MeSH descriptor: [Diuresis] explode all trees	968
#5	MeSH descriptor: [Bumetanide] explode all trees	125
#6	(diuretic*):ti,ab,kw OR (demadex):ti,ab,kw OR (torasemid*):ti,ab,kw	9717
#7	(torsemid*):ti,ab,kw OR (loop diuretic):ti,ab,kw OR (errolon*):ti,ab,kw OR (frusemid*):ti,ab,kw OR ("Furanthril"):ti,ab,kw	1149
#8	(furantral):ti,ab,kw OR (furosemid*):ti,ab,kw OR (fursemid*):ti,ab,kw OR (fusid):ti,ab,kw	2784
#9	(lasix):ti,ab,kw OR (bumedyl):ti,ab,kw OR (bumethanid*):ti,ab,kw OR (bumetanid*):ti,ab,kw	354
#10	(bumex):ti,ab,kw OR (burinex):ti,ab,kw OR (drenural):ti,ab,kw OR (fordiuran):ti,ab,kw OR (diures*):ti,ab,kw	2334
#11	(fluid removal by diuretics):ti,ab,kw	43
#12	((fluid or liquid) NEXT remov*):ti,ab,kw	207
#13	(de-escalat* or deescalat*):ti,ab,kw	962
#14	(frusemide and albumin):ti,ab,kw	11
#15	#1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8 OR #9 OR #10 OR #11 OR #12 OR #13 OR	
#14	14508	
#16	MeSH descriptor: [Ultrafiltration] explode all trees	190
#17	MeSH descriptor: [Dialysis] explode all trees	236
#18	MeSH descriptor: [Renal Replacement Therapy] explode all trees	9736
#19	MeSH descriptor: [Hemofiltration] explode all trees	627
#20	(ultrafiltration):ti,ab,kw OR (dialysis):ti,ab,kw OR (renal replacement therap*):ti,ab,kw OR (RRT):ti,ab,kw OR (renal support):ti,ab,kw	21109
#21	(mechanical fluid removal):ti,ab,kw	88
#22	((fluid or liquid) NEXT removal):ti,ab,kw	161

#23	(h?emodialys*):ti,ab,kw	13513
#24	(h?emofiltrat*):ti,ab,kw	959
#25	(de-escalat*):ti,ab,kw OR (deescalat*):ti,ab,kw OR (de-resuscitat*):ti,ab,kw OR (deresusccitat*):ti,ab,kw	973
#26	(CRRT):ti,ab,kw	438
#27	(continuous renal replacement therapy):ti,ab,kw OR (continuous renal replacement therapies):ti,ab,kw	881
#28	((renal or kidney) NEXT therap*):ti,ab,kw	35
#29	(extracorpor?al NEXT dialys*):ti,ab,kw	51
#30	#16 OR #17 OR #18 OR #19 OR #20 OR #21 OR #22 OR #23 OR #24 OR #25 OR #26 OR #27 OR #28 OR #29	30873
#31	MeSH descriptor: [Critical Illness] explode all trees	2682
#32	MeSH descriptor: [Intensive Care Units] explode all trees	4145
#33	MeSH descriptor: [Critical Care] explode all trees	2238
#34	(critical* NEAR/3 (ill* or care)):ti,ab,kw	12875
#35	((ICU or CCU)):ti,ab,kw	16390
#36	#31 or #32 or #33 #34 or #35	21102
#37	#15 OR #30	43442
#38	#37 AND #36 in Trials	1844

Ovid MEDLINE(R) ALL <1946 to October 27, 2022>

1	exp Critical Illness/	37105	
2	exp Intensive Care Units/	102162	
3	exp Critical Care/	65110	
4	(critical* adj3 (ill* or care)).ab,kf,ti.		101708
5	(icu or ccu).ab,kf,ti.	79654	
6	1 or 2 or 3 or 4 or 5	251915	
7	exp Diuretics/	82836	
8	exp Furosemide/	12200	
9	exp Torsemide/	382	
10	exp Diuresis/	21209	
11	exp Bumetanide/	1965	
12	"diuretic*".ab,kf,ti.	42719	
13	demadex.ab,kf,ti.	7	
14	"torasemid*".ab,kf,ti.	352	
15	"torsemid*".ab,kf,ti.	168	
16	loop diuretic.ab,kf,ti.	1473	
17	"errolon*".ab,kf,ti.	2	
18	"frusemid*".ab,kf,ti.	1384	
19	furanthril.ab,kf,ti.	11	
20	furantral.ab,kf,ti.	0	
21	"furosemid*".ab,kf,ti.	12670	
22	"fursemid*".ab,kf,ti.	37	
23	fusid.ab,kf,ti.	3	
24	lasix.ab,kf,ti.	359	

25	bumedyl.ab,kf,ti.	0	
26	"bumethanid*".ab,kf,ti.	10	
27	"bumetanid*".ab,kf,ti.	3189	
28	bumex.ab,kf,ti.	8	
29	burinex.ab,kf,ti.	17	
30	drenural.ti,ab,kf.	0	
31	fordiuran.ti,ab,kf.	4	
32	fordiuran.ab,kf,ti.	4	
33	diures*.ti,ab,kf.	14055	
34	fluid removal by diuretics.ab,kf,ti.	1	
35	((fluid or liquid) adj3 (remov* or balance)).ab,kf,ti.		10647
36	de-escalation.ab,kf,ti.	3054	
37	deescalation.ab,kf,ti.	218	
38	(frusemide and albumin).ab,kf,ti.	46	
39	7 or 8 or 9 or 10 or 11 or 12 or 13 or 14 or 15 or 16 or 17 or 18 or 19 or 20 or 21 or 22 or 23 or 24 or 25 or 26 or 27 or 28 or 29 or 32 or 34 or 35 or 36 or 37 or 38		137956
40	exp Ultrafiltration/	10653	
41	exp Dialysis/	24051	
42	exp Renal Replacement Therapy/		229584
43	exp Hemofiltration/	7125	
44	ultrafiltration.ab,kf,ti.	17488	
45	dialysis.ab,kf,ti.	120911	
46	"renal replacement therap*".ab,kf,ti.		16614
47	RRT.ab,kf,ti.	5921	
48	renal support.ab,kf,ti.	350	
49	mechanical fluid removal.ab,kf,ti.		12
50	((fluid or liquid) adj3 removal).ab,kf,ti.		2005
51	((fluid or liquid) adj3 remov*).ab,kf,ti.		3378
52	"h?emodialys*".ab,kf,ti.	86553	
53	"h?emofiltrat*".ab,kf,ti.	4788	
54	(de-escalat* or deescalat*).ab,kf,ti.		4167
55	de-resuscitat*.ab,kf,ti.	23	
56	deresuscitat*.ti,ab,kf.	21	
57	CRRT.ab,kf,ti.	2291	
58	continuous renal replacement therapy.ab,kf,ti.		3347
59	((renal or kidney) adj3 "therap*").ab,kf,ti.	28977	
60	(extracorpor?al adj3 dialys*).ab,kf,ti.	390	
61	40 or 41 or 42 or 43 or 44 or 45 or 46 or 47 or 48 or 49 or 50 or 51 or 52 or 53 or 54 or 55 or 57 or 58 or 59 or 60	349018	
62	39 or 61	475063	
63	randomized controlled trial.pt.		579399
64	controlled clinical trial.pt.	95072	
65	randomized.ab.	580273	
66	placebo.ab.	232730	
67	drug therapy.fs.	2541071	
68	randomly.ab.	394288	
69	trial.ab.	621265	
70	groups.ab.	2426781	
71	63 or 64 or 65 or 66 or 67 or 68 or 69 or 70	5495178	
72	exp Animals/ not Humans.sh.		5058782

73	71 not 72	4789207
74	6 and 62 and 73	4232

Embase <1974 to 2022 Week 42>

1	exp critical illness/	34277	
2	exp intensive care unit/	261450	
3	exp intensive care/	798373	
4	(critical* adj3 (ill* or care)).kf,ti.		71325
5	(icu or ccu).kf,ti.	27511	
6	1 or 2 or 3 or 4 or 5	996799	
7	exp diuretic agent/	421820	
8	exp furosemide/	63211	
9	exp torasemide/	3043	
10	exp diuresis/	31363	
11	exp bumetanide/	6698	
12	"diuretic*".ab,kf,ti.	60875	
13	demadex.ab,kf,ti.	9	
14	"torasemid*".ab,kf,ti.	618	
15	"torsemid*".ab,kf,ti.	320	
16	loop diuretic.ab,kf,ti.	2482	
17	"errolon*".ab,kf,ti.	0	
18	"frusemid*".ab,kf,ti.	1759	
19	furanthril.ab,kf,ti.	15	
20	furantral.ab,kf,ti.	0	
21	"furosemid*".ab,kf,ti.	18740	
22	"fursemid*".ab,kf,ti.	14	
23	fusid.ab,kf,ti.	4	
24	lasix.ab,kf,ti.	739	
25	bumedyl.ab,kf,ti.	0	
26	"bumethanid*".ab,kf,ti.	15	
27	"bumetanid*".ab,kf,ti.	3918	
28	bumex.ab,kf,ti.	18	
29	burinex.ab,kf,ti.	22	
30	fordiuran.ab,kf,ti.	4	
31	fluid removal by diuretics.ab,kf,ti.		3
32	((fluid or liquid) adj3 remov*).ab,kf,ti.		5079
33	de-escalation.ab,kf,ti.	5905	
34	deescalation.ab,kf,ti.	582	
35	(frusemide and albumin).ab,kf,ti.		69
36	7 or 8 or 9 or 10 or 11 or 12 or 13 or 14 or 15 or 16 or 17 or 18 or 19 or 20 or 21 or 22 or 23 or 24 or 25 or 26 or 27 or 28 or 29 or 30 or 31 or 32 or 33 or 34 or 35		469944
37	exp ultrafiltration/	24957	
38	exp dialysis/	214645	
39	exp renal replacement therapy/		219976
40	exp hemofiltration/	10267	
41	ultrafiltration.ab,kf,ti.	24310	

42	dialysis.ab,kf,ti.	175588	
43	"renal replacement therap* ".ab,kf,ti.	28739	
44	RRT.ab,kf,ti.	10741	
45	renal support.ab,kf,ti.	654	
46	mechanical fluid removal.ab,kf,ti.	19	
47	((fluid or liquid) adj3 remov*).ab,kf,ti.	5079	
48	"h?emodialys*".ab,kf,ti.	126828	
49	"h?emofiltrat*".ab,kf,ti.	7126	
50	de-escalation.ab,kf,ti.	5905	
51	de-resuscitat*.ab,kf,ti.	45	
52	"deresuscitat*".ab,kf,ti.	40	
53	CRRT.ab,kf,ti.	4809	
54	continuous renal replacement therapy.ab,kf,ti.	5768	
55	((renal or kidney) adj3 replacement therap*).ab,kf,ti.	30152	
56	(extracorpor?al adj3 dialys*).ab,kf,ti.	415	
57	or/37-56	366350	
58	Randomized Controlled Trial/	733799	
59	controlled clinical trial/	467391	
60	"random\$".ab,ti.	1849693	
61	randomization/	95334	
62	intermethod comparison/	288964	
63	placebo.ab,ti.	348492	
64	(compare or compared or comparison).ti.	577749	
65	((evaluated or evaluate or evaluating or assessed or assess) and (compare or compared or comparing or comparison)).ab.	2591388	
66	(open adj label).ab,ti.	101337	
67	((double or single or doubly or singly) adj (blind or blinded or blindly)).ab,ti.	262115	
68	double blind procedure/	200093	
69	parallel group\$1.ab,ti.	30298	
70	(crossover or cross over).ab,ti.	118805	
71	((assign\$ or match or matched or allocation) adj5 (alternate or group\$1 or intervention\$1 or patient\$1 or subject\$1 or participant\$1)).ab,ti.	391341	
72	(assigned or allocated).ab,ti.	461388	
73	(controlled adj7 (study or design or trial)).ab,ti.	421846	
74	(volunteer or volunteers).ab,ti.	272510	
75	human experiment/	598384	
76	trial.ti.	373122	
77	or/58-76	5951410	
78	((random\$ adj sampl\$ adj7 "cross section\$") or questionnaire\$1 or survey\$ or database\$1).ti,ab.	2538416	
79	comparative study/ or controlled study/ or randomi?ed controlled.ti,ab. or randomly assigned.ti,ab.	10010687	
80	78 not 79	1677813	
81	Cross-sectional study/ not (randomized controlled trial/ or controlled clinical study/ or controlled study/ or randomi?ed controlled.ti,ab. or control group\$1.ti,ab.)	325547	
82	((case adj control\$) and random\$) not randomi?ed controlled).ti,ab.	20383	
83	(Systematic review not (trial or study)).ti.	226216	
84	(nonrandom\$ not random\$).ti,ab.	18185	

85	"Random field\$.ti,ab.	2799	
86	(random cluster adj3 sampl\$.ti,ab.	1477	
87	(review.ab. and review.pt.) not trial.ti.	1036006	
88	"we searched".ab. and (review.ti. or review.pt.)		44280
89	"update review".ab.	125	
90	(databases adj4 searched).ab.	54520	
91	(rat or rats or mouse or mice or swine or porcine or murine or sheep or lambs or pigs or piglets or rabbit or rabbits or cat or cats or dog or dogs or cattle or bovine or monkey or monkeys or trout or marmoset\$1).ti. and animal experiment/		1171199
92	Animal experiment/ not (human experiment/ or human/)	2458960	
93	or/80-82	1875743	
94	77 not 93	5518582	
95	36 or 57	810273	
96	6 and 94 and 95	13417	

Clinical Trials searched 23.10.2022

diuretics OR "fluid removal" OR deescalation OR de-escalation OR ultrafiltration OR dialysis OR "renal replacement therapy" OR hemofiltration OR deresuscitation OR de-resuscitation | "critical care" OR "critical illness" OR ICU OR CCU OR "intensive care units"

WHO ICTRP searched 23.10.2022

(diuretics OR fluid removal OR deescalation OR ultrafiltration OR dialysis OR renal replacement therapy OR hemofiltration OR deresuscitation) AND (critical care OR intensive care)